

# RTC Class Schedule

Below is a list of the scheduled classes at RTC. You can search for classes by using the filters below. Need help? Contact an entry [adviser](#) or your [instructor](#).

## Classes and modes of instruction subject to change depending on state orders related to COVID-19.

Classes that are delivered online may or may not have required virtual meeting times (for example, meetings via Zoom).

- For classes that meet virtually, there are days and times listed to note the meeting times.
- For classes that do not meet virtually, the days and times are listed as “arranged” (“ARR” or “ARRANGED”).

Your instructor will provide more information about each class. Please visit our [eLearning page](#) for more information about modality options at RTC.

|                |                   |  |                      |   |
|----------------|-------------------|--|----------------------|---|
| <b>Quarter</b> | <b>Department</b> | <b>Delivery</b>  | <b>Keywords</b>      | <b>Status</b>   |
| Spring 2021 ▼  | - Any - ▼         | <input checked="" type="radio"/> - Any -<br><input type="radio"/> FACE-TO-FACE<br><input type="radio"/> HYBRID<br><input type="radio"/> ONLINE<br><input type="radio"/> FLEX | <input type="text"/> | <input checked="" type="radio"/> - Any -<br><input type="radio"/> Open Classes Only |
|                |                   |  | <b>Instructor</b>    |   |
|                |                   |  | <input type="text"/> | <input type="button" value="Search"/> <input type="button" value="Reset"/>          |

### ACCOUNTING

#### ACCT 124 - SMALL BUSINESS ACCOUNTING - 5.0 credits

This course introduces the student to preprogrammed computer software used to efficiently manage general ledgers, accounts receivable, accounts payable, depreciation, inventory, payroll and financial statements in a small business.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | NEWCOME J  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 30 Seats Available | Optional Zoom sessions on MTWTh 10:00am-11:00am, with recordings provided on Canvas. |

### ACCOUNTING

#### ACCT 275 - TAXATION II - BUSINESS ENTITIES - 5.0 credits

Income tax principles relating to MACRS depreciation, capital gains and losses, preparing a partnership and corporate return. S-Corporations and Limited Liability Companies will be discussed. The course will also discuss income tax administration as well as preparing forms 940 and 941 and introduce the state of Washington's combined Business and Occupation (B&O) tax.

PREREQUISITE(S): Completion of ACCT 179 with a 1.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note  |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|---|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | NEWCOME J  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 30 Seats Available | Optional Zoom sessions on MTWTh 9:00am-10:00am, with recordings provided on Canvas. |

### ACCOUNTING

#### ACCT&202 - PRINCIPLES OF ACCOUNTING II - 5.0 credits

This course incorporates the basics covered in ACCT& 201 and relates them to more complex accounting functions. Topics include forms of business (proprietorships, partnerships, and corporations), internal control, debt and equity, bonds, inventories, intangible assets, depreciation, statement analysis, and cash flow. This course concentrates on theory and assumes the student has some background in accounting. PREREQUISITE(S): Completion of ACCT& 201 with a 2.0 or higher, or placement into ACCT& 202.

| Item# | Days     | Time    | Location | Date    | Delivery | Instructor | Fees                        | Status               | Note   |
|-------|----------|---------|----------|---------|----------|------------|-----------------------------|----------------------|--|
| B327  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - | ONLINE   | NEWCOME J  | \$12.00 Per Course - ONLINE | Open 0 Enrolled / 30 | Optional Zoom sessions on MTWTh 1:30pm-2:30pm, with recordings |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees          | Status          | Note   |
|-------|------|------|----------|--------|----------|------------|---------------|-----------------|--|
|       |      |      |          | Jun 23 |          |            | ELEARNING FEE | Seats Available | provided on Canvas. OER (no textbook to purchase). |

#### ACCOUNTING

##### ACCT&203 - PRINCIPLES OF ACCOUNTING III - 5.0 credits

Emphasis of this course is on using accounting information to support and assist decision making. Topics covered include cost-volume-profit analysis, budgeting, performance evaluation and special business decisions. Students also present their conclusions and analysis using a variety of methods such as written memoranda, budgeted financial statements and reports, and PowerPoint slide presentations. PREREQUISITE(S): Completion of ACCT& 202 with a 2.0 or higher, or placement into ACCT& 203.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                 | Note  |
|-------|----------|---------|----------|----------------|----------|------------|---|------------------------|---|
| B331  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | NEWCOMER   | \$12.00 Per Course - ONLINE ELEARNING FEE | Permission Code Needed | Optional Zoom sessions on MTWTh 12:00pm-1:00pm, with recordings provided on Canvas. |

#### AERO & IND PROD TECH

##### IPT 102 - LEAN MANUFACTURING - 3.0 credits

In this course, students learn manufacturing resource planning (MRP) concepts and how to apply those principles in diverse industrial environments. Students learn how their future positions impact production flow, and gain basic planning and troubleshooting skills to solve problems and contribute to a high efficiency environment. Students will apply MRP concepts in increasingly complex scenarios throughout the remainder of the program.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PHILLIPS V | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

#### AERO & IND PROD TECH

##### IPT 105 - INTRODUCTION TO FABRICATION - 5.0 credits

This is a manufacturing lab class covering drilling, riveting, counter-sinking fasteners, non-powered metal bending operations, powered metal cutting, hand forming, portable dimpling process, micro-shaving, nut plates, and blind fastener and latch installation. Students learn how to use measurement hand tools, non-powered cutting tools, and manual cutting machines in developing flat pattern layouts. The student will identify why and when the task must be done and why each step is required based on normal operating standards. The student learns the principles of folds, angles or channels required in the fabrication and metal forming process. The student will be able to identify why and when the task must be accomplished through reading engineering drawings, understanding general dimensions & tolerances, predicting, isolating, and resolving problems about the task.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PHILLIPS V | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

#### AERO & IND PROD TECH

##### IPT 220 - PRECISION FABRICATION - 3.0 credits

This is a hands-on lab where students will utilize their training in production drawings to manufacture fixtures & jigs within engineering drawing specifications, using dye & scribe techniques and metrology to layout patterns, as well as air tools for precision drilling and adding specified features. With necessary attention to detail, students will make micro-adjustments with abrasive materials and shape with hand tools while using metrology devices to ensure quality during the process. Students will keep in mind fit, form & function in the production setting, for any assembler to use without hesitation or delay on the production floor.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | MTWTh | 09:30A-11:00A | A26      | Apr 6 - Jun 23 | FACE-TO-FACE | PHILLIPS V | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |      |

AERO & IND PROD TECH

**IPT 221 - INTRODUCTION TO MEASUREMENT - 3.0 credits**

Students learn device calibration practices, traceability of measurements, and gaging techniques for calibration, with a focus on software use in tooling. Students learn the importance of proper training and discuss various types of contact & non-contact measuring equipment and its importance in metrology. Discussion of the conversion of physical measurements to virtual and digital dimensions generated by various programs and their potential uses in metrology. Students will learn basic camera operations, techniques, photo measurement integration and the importance of adaptive lighting, as well as discuss the importance of tracking features, surface texture, and target & scale bar placement for 3-dimensional enhancement.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PHILLIPS V | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

AERO & IND PROD TECH

**IPT 222 - ADVANCED MEASUREMENT - 2.0 credits**

Along with a brief overview of nanometrology research worldwide and sub-atomic measurements metrology, students discuss measurement integration of systems into systems or the use of adaptive manufacturing & mechatronics. Students will perform practical operations of a laser measuring device and provide analysis of a provided structure. Students will use 3D camera & software to perform practical operations and provide detailed analysis of a provided structure. Students will tour industry lab environments to understand how precision measuring is applied in actual business contexts. Students will also discuss potential improvements such as artificial intelligence, robots, sensor imbedded parts and interlinking of facilities and equipment digitally. Learning that laser scanners and other devices are used to display virtual landscapes to provide a preview of possible production floor layouts. Imbedding lean processes thinking provides students with knowledge to project ideas and to see cost savings, efficiency, and time saving implementation. Students are introduced to additive technologies, including 3-D modeling software, to build objects made of metals and plastics.

| Item# | Days     | Time                           | Location   | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|--------------------------------|------------|----------------|----------|------------|---|--------------------------------------|------|
|       | MW<br>MW | 11:30A-12:20P<br>11:30A-12:20P | A25<br>A26 | Apr 6 - Jun 23 | HYBRID   | PHILLIPS V | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |      |

ANESTHESIA TECH

**ANES 102 - ANESTHESIA EQUIPMENT: PRINCIPLES & APPLICATION I - 3.0 credits**

The student will learn and handle basic and complex anesthesia equipment and airway management devices. Students will create algorithms and strategies for preparation and use. The learner will practice set up and troubleshooting of routine and complex equipment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

ANESTHESIA TECH

**ANES 103 - ANESTHESIA TECHNOLOGY LAB I - 4.0 credits**

This course offers an opportunity to learn and put into practice basic anesthesia competencies including but not limited to: basic airway management, anesthesia machine daily checkout and troubleshooting, and basic anesthesia equipment set up, maintenance,

and trouble shooting. Patient care skills including positioning and dialogue IV set up and placement, placement and troubleshooting, basic physiological monitoring, assisting the anesthesiologist, intubation strategies, and rapid response to airway management crisis. Also, anesthesia machine checkout, working in the OR environment including appropriate wear, personal protective equipment, interpersonal skills, ergonomics, and basic pharmacology are covered. Additionally, drawing up drugs and sharps safety, the OR turn over, equipment identification handling and use, and regional anesthesia theory and practice.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | TTh  | 10:00A-02:00P | B204     | Apr 6 - Jun 23 | FACE-TO-FACE | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

ANESTHESIA TECH

**ANES 105 - PHARMACOLOGY I - 3.0 credits**

This course offers an opportunity to learn and apply basic pharmacology with particular relevance to the operating room. The course describes pharmacological sources and development. The course introduces families and classification of drugs to the students with emphasis on treatment of the surgical patient. Students learn crisis management for cardiac arrest and malignant hyperthermia, including reactive scenario training. Students are introduced to pharmacology math. Students are shown how to manage drugs in the OR including preoperative and perioperative situations, handling, labeling, and storage protocols. Students will be able to gain insight into different anesthesia techniques including general, local, and regional anesthesia. Students will be able to gain knowledge of medical terminology with regard to pharmacology.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

ANESTHESIA TECH

**ANES 107 - LAW AND ETHICS OF HEALTHCARE - 3.0 credits**

The student will learn about legal and ethical issues in the healthcare field. This will include medical malpractice healthcare law, HIPAA, and the physician/patient relationship. Students will comprehend and demonstrate foundational medico-legal terminology that relates to the workplace and interpersonal ethics.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | F    | 10:30A-11:30A | B204     | Apr 9 - Jun 18 | HYBRID   | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

ANESTHESIA TECH

**ANES 112 - OPERATING ROOM ENVIRONMENT - 3.0 credits**

This is a required course in Anesthesia Technologist program. Students will learn about the layout and ergonomics of the operating room. Students will learn about operating room attire and protocols with regard to hand hygiene and infection control. The learner will study the physiology of patient positioning and operating table equipment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

ANESTHESIA TECH

**ANES 118B - PHLEBOTOMY - PART B - 1.0 credits**

This is a required course in the Anesthesia Technologist program, teaching common phlebotomy practices for adults and children. Students learn how to safely and effectively draw blood using venipuncture and capillary puncture methods for adults and children, plus finger sticks or heel sticks for young children and infants. Students learn proper phlebotomy specific infection control. They

receive instruction on how to prepare the blood collection site, how to choose the proper collection tools and how to handle the transportation, processing, and management of collected samples. During practicum, students practice the blood and specimen collection and handling skills learned in their theory class. They practice these duties on adult and pediatric simulation arms as well as other students. The course leads to Washington State certification in Phlebotomy. This course contains additional lab hours in phlebotomy, needed for the Department of Health requirements.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | F    | 08:00A-10:30A | B204     | Apr 9 - Jun 18 | FACE-TO-FACE | YAU M      | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### ANESTHESIA TECH

##### ANES 191 - ANESTHESIA TECHNOLOGY CLINICAL PRACTICUM I - 6.0 credits

Students experience practical applications of their knowledge and skills by application of clinical skills and work ethic during the anesthesia technician clinical rotation. Students practice job search skills for an entry-level position as an anesthesia technician.

| Item# | Days     | Time    | Location | Date          | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|----------|---------|----------|---------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 6 - May 7 | FACE-TO-FACE | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$110.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 20 Seats Available |      |

#### ANESTHESIA TECH

##### ANES 192 - ANESTHESIA TECHNOLOGY CLINICAL PRACTICUM II - 6.0 credits

Students experience practical applications of their knowledge and skills by application of clinical skills and work ethic during the anesthesia technician clinical rotation. Students practice job search skills for an entry-level position as an anesthesia technician.

| Item# | Days     | Time    | Location | Date            | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|----------|---------|----------|-----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | May 10 - Jun 23 | FACE-TO-FACE | ABBOTT G   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$110.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 20 Seats Available |      |

#### ANTHROPOLOGY

##### ANTH&106 - AMERICAN MOSAIC - 5.0 credits

This course will explore contemporary American life through various cultural phenomena. Students learn core anthropological theories to make sense of race, gender, class and the other, and they explore historical processes from which these cultural notions have emerged and evolved. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|-------------------------------|
| G140  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MOHIBULLAH H | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

#### ANTHROPOLOGY

##### ANTH&234 - RELIGION AND CULTURE - 5.0 credits

This course is an anthropological exploration of religion. Using a combination of classical and contemporary works, students explore how religion is understood and lived by different people, how it shapes culture and cultural perceptions, and how it manifests in various political and cultural expression, including in popular culture. Additionally, the class examines how religions are informed by historical and cultural change, and how they position different groups of people in relation to their respective sociopolitical worlds, with themes such as religion as a cultural system; ritual and symbols, gender, sexuality and religion; religion and media' secularism; and religion in a post-9/11 United States. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|-------------------------------|
| G128  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MOHIBULLAH H | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

APPLIED MATHEMATICS

**AMATH160J - MATH FOR AUTOBODY REPAIR - 1.0 credits**

Students are taught basic math skills including addition, subtraction, division, and multiplication of whole numbers, fractions, decimals, and metrics.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note   |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | DAILY | 07:00A-12:30P | K104     | Apr 6 - Jun 23 | HYBRID   | ERVIN S    | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 24 Seats Available | Students must be in the Career Training program to enroll in this class. |

APPLIED MATHEMATICS

**AMATH162G - MATHEMATICS - 1.0 credits**

This course focuses on basic business mathematics required for financial management, record keeping, and billing. Students review basic mathematical procedures including addition, subtraction, multiplication, division, and problem solving.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note   |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit - SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 20 Seats Available | Students must be in the Career Training program to enroll in this class. |

APPLIED MATHEMATICS

**AMATH164V - INTRODUCTION TO MATHEMATICAL OPERATIONS - 2.0 credits**

This course familiarizes the student with basic business math operations, with an emphasis on the ability to complete business application problems that require addition, subtraction, multiplication, division, fractions and percent. Emphasis will be placed on integrating these concepts into Microsoft Excel.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROBINSON S | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 60 Seats Available | Students must be in the Career Training program to enroll in this class. |

APPLIED MATHEMATICS

**AMATH175 - FINANCIAL MATH - 5.0 credits**

This course applies mathematics to personal finance. Concepts include linear and piecewise linear functions; quadratic, exponential, and logarithmic relationships; graphing; distributions; measures for center; and spread of distributions. Financial concepts include income, taxes, discounts, simple and compound interest, buying on credit, depreciation, expenses, budgeting, annuities, stocks and bonds, and planning for retirement.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
| G305  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALL S     | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|-------------|---|--------------------------------------|-------------------------------|
| G332  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROTH A      | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G431  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TRAN V      | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G501  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TRAN V      | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G504  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | CHAKRABARTI | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |                               |

#### APPLIED MATHEMATICS

##### AMATH176S - MATH FOR MACHINE TECHNOLOGY I - 5.0 credits

This is an introductory course combining basic algebra and geometry concepts as applied in machining and manufacturing. The use of and transformation of algebraic formulas is emphasized. Geometric principles are taught and applied to: triangles, polygons, circles, arcs, angles, tangents, areas, volumes, and geometric constructions. Students learn to convert measurements in all 3 dimensions without conversion factors. In this course students practice repeated application of math skills essential to both the machining and CNC programming. PREREQUISITE(S): Completion of MTEC 161 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note  |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|---|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FULLER B   | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available | Optional Zoom sessions on MW 9:00am-11:30am, with recordings provided on Canvas. Zoom sessions are not required, but are strongly recommended. Students must be in the Career Training program to enroll in this class. |

#### APPLIED MATHEMATICS

##### AMATH178J - AUTOMOTIVE MATHEMATICS - 1.0 credits

Students learn to identify and solve common automotive related mathematics problems including: weights & measures, measurement systems, fraction to decimal conversions, ratios, proportions, English/metric conversions, brake and transmission hydraulics, steering geometry, and mechanical, electrical, pressure and vacuum measurements.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|---|
|       | Th   | 10:00A-11:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HOAGLIN R  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | Class meets via Zoom during time listed. Students must be in the Career Training program to enroll in this class. |

#### APPLIED MATHEMATICS

##### AMATH186S - MATH FOR MACHINE TECHNOLOGY II - 5.0 credits

This course covers the application of trigonometry to problems in precision machining and computer numerical control (CNC). It includes an introduction and analysis of trigonometric functions, basic calculations of missing sides or angles of triangles in order to find manufacturing dimensions. Other practical machine applications include finding measurement over wires, sine bar and gauge

block calculation and corresponding indicator check. It culminates with higher level applications using trigonometry to determine point plots for CNC machining. PREREQUISITE(S): Completion of AMATH 176S with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FULLER B   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available | Optional Zoom sessions on TTh 9:00am-11:30am, with recordings provided on Canvas. Zoom sessions are not required, but are strongly recommended. Students must be in the Career Training program to enroll in this class. |

APPLIED MATHEMATICS

**AMATH190 - FINANCIAL ALGEBRA - 5.0 credits**

This course applies intermediate algebra to personal finance. Mathematical concepts will include linear, quadratic, exponential, logarithmic, and piecewise defined functions; graphing; distributions; measures for center; and spread of distributions. Financial concepts include income, taxes, discounts, simple and compound interest, buying on credit, depreciation, expenses, budgeting, annuities, stocks and bonds, and planning for retirement.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|-------------|---|--------------------------------------|-------------------------------|
| G309  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALL S      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G319  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROTH A      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G432  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TRAN V      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G503  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TRAN V      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |
| G513  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | CHAKRABARTI | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |                               |

APPLIED MATHEMATICS

**AMATH193 - BRIDGE TO PRECALCULUS - 3.0 credits**

This course covers intermediate algebra topics necessary for success in precalculus and beyond. Students study polynomials and functions (quadratic, rational, exponential, and logarithmic). PREREQUISITE(S): Completion of AMATH 190 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G313  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

APPLIED MATHEMATICS



**AMATH195 - ADVANCED APPLIED ALGEBRA - 5.0 credits**

This course covers the following topics and their applications to business and industry: rational expressions; solving rational equations; rational formulas and variation; rational exponents and radicals; complex numbers and operation with complex numbers; quadratic equations; completing the square and quadratic formula; functions and their graphs; domain and range of functions; inverse functions; exponential and logarithmic functions; properties of logarithms; solving exponential and logarithmic equations; solving applied problems related to business and industry. PREREQUISITE(S): Completion of MATH 085 or AMATH 185 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G311  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

## ART

**ART& 100 - ART APPRECIATION - 5.0 credits**

This course helps students analyze and appreciate art from diverse world cultures. Topics may include technique, design, terminology, style, and theme applied to a variety of art forms. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
| G150  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | KIRKLAND H | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

## AUTO/FORD ASSET

**FAS 120 - ENGINE REPAIR - 7.0 credits**

This course prepares students for Ford Motor Company Service Technician Specialty Training certification in specialty 32, Gasoline Engine Repair. This course covers engine theory, operation and diagnosis, disassembly, inspection, component measurement and reassembly techniques of gasoline and diesel engines based on Ford/NATEF competencies through web-based, classroom, and lab instruction. Students prepare for ASE certification in Engine Repair (A1).

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-01:30P | K120     | Apr 6 - Jun 23 | HYBRID   | THOMPSON B | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

## AUTO/FORD ASSET

**FAS 193 - COOPERATIVE TRAINING II - 7.0 credits**

Students work in the dealership developing competencies in brake systems and steering and suspension systems.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees                                       | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 6 - Jun 23 | FACE-TO-FACE | THOMPSON B | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

## AUTO/FORD ASSET

**FAS 223 - ENGINE PERFORMANCE - 14.0 credits**

This course prepares students for Ford Motor Company Service Technician Specialty Training certification in specialty 31, Gasoline Engine Performance. Students learn engine performance theory, application and diagnosis of ignition, fuel, emissions and on board diagnostic systems based on Ford/NATEF competencies through web-based, classroom, and lab instruction. Students prepare for ASE certification in Engine Performance (A8).

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | DAILY | 07:00A-01:30P | K120     | Apr 6 - May 28 | HYBRID   | SPANIEL T  | \$15.00 Per Credit -SUPPLY FEE \$15/CR ;<br>\$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### AUTO/FORD ASSET

#### FAS 296 - COOPERATIVE TRAINING V PART A - 3.0 credits

Students work in the dealership developing competencies in engine performance and emissions certification.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees                                       | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Jun 1 - Jun 23 | FACE-TO-FACE | SPANIEL T  | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### AUTOBODY REPAIR

#### ABDY 101 - ESTIMATING I - 1.0 credits

Students review damage reports and analyze damage to determine appropriate methods for overall repair; develop and document repair plan. Training prepares students for certification in I-CAR Non-Structural Technician, ProLevel I.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | DAILY | 07:00A-12:30P | K104     | Apr 6 - Jun 23 | HYBRID   | ERVIN S    | \$15.00 Per Credit -SUPPLY FEE \$15/CR ;<br>\$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |      |

#### AUTOBODY REPAIR

#### ABDY 123 - STRAIGHTENING METAL - 5.0 credits

Students determine the extent of direct and indirect damage and direction of impact; develop and document a repair plan to straighten and rough-out contours of damaged panels to a suitable condition for body filling or metal finishing using power tools, hand tools, and weld-on pull attachments. Students locate and reduce surface irregularities on damaged body panels. Demonstrate hammer and dolly techniques. Heat shrink stretched panel areas to proper contour. Cold shrink stretched panel areas to proper contour. Mix body filler. Apply body filler: shape during curing. Rough sand cured body filler to contour; and finish sand. Training prepares students for certification in I-CAR Non-Structural Technician, ProLevel I.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | DAILY | 07:00A-12:30P | K104     | Apr 6 - Jun 23 | HYBRID   | ERVIN S    | \$15.00 Per Credit -SUPPLY FEE \$15/CR ;<br>\$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |      |

#### AUTOBODY REPAIR

#### ABDY 128 - AUTOBODY STRUCTURE AND MECHANICS - 7.0 credits

Students study basic mechanical principles such as four-wheel alignment, electrical theory, electrical circuits and DVOM usage. Other subjects include steering, suspension systems, brakes, air conditioning, cooling systems, and trim and hardware. Training prepares students for certification in I-CAR Non-Structural Technician, ProLevel I.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | DAILY | 07:00A-12:30P | K104     | Apr 6 - Jun 23 | HYBRID   | ERVIN S    | \$15.00 Per Credit -SUPPLY FEE \$15/CR ;<br>\$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |      |

#### AUTOMOTIVE TECH

#### AUTC 101 - SAFETY/ENVIRONMENTAL ISSUES - 2.0 credits

Students learn proper safety procedures in an automotive shop environment to protect themselves, their co-workers, their customers and the environment through web-based, classroom, and hands-on lab instruction. Students are introduced to information literacy and the proper use of library resources and the Internet. Topics include: personal safety, proper use of shop equipment and tools, identification, handling, storage and disposal of hazardous automotive waste, worker Right to Know hazard communication, and the use and procurement of Material Safety Data Sheets.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TW   | 07:00A-01:30P | K111     | Apr 6 - Jun 23 | HYBRID   | TAKATA W   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### AUTOMOTIVE TECH

##### AUTC 112 - MAINTENANCE AND LIGHT REPAIR - 7.0 credits

Students learn fundamental automotive shop operations and repair based on NATEF competencies through web-based, classroom, and hands-on lab instruction. Topics include: vehicle identification, the use of service information (publications, electronic media, and web-based), care of customer vehicles, handling repair orders, procuring parts, proper use of hand tools, measuring devices, and fastener applications. Students learn basic automotive service (oil change, transmission and cooling system service) diagnostic procedures, and basic mechanical adjustments. Concurrent enrollment in AUTC 101 or Articulated MLR program.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TW   | 07:00A-01:30P | K111     | Apr 6 - Jun 23 | HYBRID   | TAKATA W   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### AUTOMOTIVE TECH

##### AUTC 117 - ELECTRICAL SYSTEMS - 7.0 credits

Students learn electrical/electronic theory, application, diagnosis and repair based on NATEF competencies through web-based, classroom, and hands-on lab instruction. Topics include: batteries, starting systems, charging systems, lighting systems, accessories (gauges, warning devices, driver information systems, horns, and wipers), schematic diagrams, and the use of testing equipment. Concurrent enrollment in AUTC 101 and AUTC 112.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TW   | 07:00A-01:30P | K111     | Apr 6 - Jun 23 | HYBRID   | TAKATA W   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### AUTOMOTIVE TECH

##### AUTC 118 - BRAKES - 7.0 credits

Students learn brake and anti-lock system theory, application, diagnosis and repair based on NATEF competencies through web-based, classroom, and hands-on lab instruction in a live work environment. Topics include: hydraulic systems, drum brakes, disc brakes, power assist, wheel bearings, parking brakes, electrical systems, anti-lock brakes and traction control systems. Students prepare for ASE Certification test A-5. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                              | Location       | Date           | Delivery | Instructor   | Fees  | Status                               | Note   |
|-------|-----------|-----------------------------------|----------------|----------------|----------|--------------|---|--------------------------------------|--|
|       | MTW<br>Th | 07:00A-01:30P<br>07:00A<br>09:00A | K133<br>ONLINE | Apr 6 - Jun 23 | HYBRID   | HOAGLIN<br>R | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available | Online portion of class meets via Zoom during time listed. |

#### AUTOMOTIVE TECH

##### AUTC 132 - STEERING AND SUSPENSION - 7.0 credits

Students learn steering and suspension system theory, application, diagnosis and repair based on NATEF competencies through web-based, classroom and hands-on lab instruction in a live work environment. Topics include: steering systems, suspension

systems, wheel alignment, wheels, and tires. Students prepare for ASE Certification test A-4. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                                  | Location       | Date                    | Delivery | Instructor   | Fees   | Status  | Note  |
|-------|-----------|---------------------------------------|----------------|-------------------------|----------|--------------|--|---|---|
|       | MTW<br>Th | 07:00A-<br>01:30P<br>07:00A<br>09:00A | K133<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | HOAGLIN<br>R | \$15.00 Per Credit -SUPPLY<br>FEE \$15/CR ; \$15.00 Per<br>Course -WEB ENH/HYB<br>ELEARN FEE | Open 0<br>Enrolled /<br>22 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### AUTOMOTIVE TECH

##### AUTC 171 - WRITTEN COMMUNICATIONS - 1.0 credits

Students learn the writing skills necessary in an automotive service environment including: describing repairs, repair procedures and repair suggestions on a repair order, developing a written repair estimate, requesting parts, timekeeping, the use of electronic data systems, completing job applications, and preparing a resume.

| Item# | Days     | Time        | Location | Date                    | Delivery | Instructor  | Fees  | Status                                  | Note |
|-------|----------|-------------|----------|-------------------------|----------|-------------|---|---|------|
|       | ARRANGED | ARR-<br>ARR | ONLINE   | Apr<br>6 -<br>Jun<br>23 | ONLINE   | TAKATA<br>W | \$12.00 Per Course -ONLINE<br>ELEARNING FEE | Open 0 Enrolled / 22<br>Seats Available |      |

#### AUTOMOTIVE TECH

##### AUTC 180 - HUMAN RELATIONS/CUSTOMER RELATIONS - 1.0 credits

Students learn to interview customers, determine needed automotive repairs, and prepare a complete repair order with clear terms and descriptions of needed repairs/services. Conflict resolution, employer/employee relationships, sexual harassment, and other workplace issues are covered.

| Item# | Days | Time              | Location | Date                    | Delivery | Instructor   | Fees  | Status                                  | Note  |
|-------|------|-------------------|----------|-------------------------|----------|--------------|---|---|---|
|       | Th   | 09:00A-<br>10:00A | ONLINE   | Apr<br>6 -<br>Jun<br>23 | ONLINE   | HOAGLIN<br>R | \$12.00 Per Course -<br>ONLINE ELEARNING<br>FEE | Open 0 Enrolled /<br>22 Seats Available | Class meets via Zoom<br>during time listed. |

#### AUTOMOTIVE TECH

##### AUTC 204 - AUTOMATIC TRANSMISSION/TRANSAXLE REPAIR - 6.0 credits

Students learn automatic transmission/transaxle system theory, application, diagnosis and repair based on NATEF competencies through web-based, classroom and hands-on lab instruction in a live work environment. Topics include: maintenance and adjustment, in-vehicle repairs, and off-vehicle repairs. Students prepare for ASE Certification test A-2. Together with this course, the students will learn the skills to effectively handle interactions with customers and co-workers within a shop environment. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                                  | Location       | Date                   | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|-----------|---------------------------------------|----------------|------------------------|----------|-------------|--|---|---|
|       | WTh<br>MT | 07:00A-<br>01:30P<br>10:00A<br>12:00P | K134<br>ONLINE | Apr<br>6 -<br>May<br>4 | HYBRID   | URYASH<br>D | \$15.00 Per Credit -SUPPLY FEE<br>\$15/CR ; \$15.00 Per Course -<br>WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled /<br>22 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### AUTOMOTIVE TECH

##### AUTC 216 - ENGINE PERFORMANCE AND EMISSIONS - 10.0 credits

Students learn engine performance theory, application, and diagnosis of ignition, fuel, emissions and on-board diagnostic computer systems based on NATEF competencies through web-based, classroom and hands-on lab instruction in a live work environment. Topics include: engine diagnosis, computerized engine controls, ignition systems, fuel systems, air induction and exhaust systems, emissions controls and related systems. Included in this course are the communications competencies for writing repair reports and presenting pricing and repair options. Students prepare for ASE Certification test A-8. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|-----------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | WTh<br>MT | 07:00A-<br>01:30P<br>10:00A<br>12:00P | K134<br>ONLINE | May<br>6 -<br>Jun<br>23 | HYBRID   | URYASH<br>D | \$15.00 Per Credit -SUPPLY FEE<br>\$15/CR ; \$15.00 Per Course -<br>WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled /<br>22 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### AUTOMOTIVE TECH

##### **AUTC 228 - ENGINE REPAIR AND SHOP COMPUTATIONS - 8.0 credits**

Students learn engine theory, operation, application, diagnosis, disassembly, inspection, component measurement and reassembly based on NATEF competencies through web-based, classroom and hands-on lab instruction in a live work environment. Topics include: engine removal and reinstallation, cylinder head diagnosis and repair, engine block diagnosis and repair, lubrication systems, cooling systems, and timing components. The students also learn to perform computations related to engine displacement, horse power, torque, firing angle, and cam geometry. Students prepare for ASE Certification test A-1. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|-----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | MTW<br>Th | 07:00A-<br>01:30P<br>08:00A<br>10:00P | K141<br>ONLINE | Apr<br>6 -<br>May<br>13 | HYBRID   | FOBES M    | \$15.00 Per Credit -SUPPLY FEE<br>\$15/CR ; \$15.00 Per Course -<br>WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled /<br>22 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### AUTOMOTIVE TECH

##### **AUTC 233 - MANUAL DRIVE TRAIN AND AXLES - 8.0 credits**

Students learn manual transmission and drive train system theory, application, diagnosis and repair based on NATEF competencies through web-based, classroom and hands-on lab instruction in a live work environment. Topics include: clutches, manual transmission/transaxles, drive shafts, constant velocity joints, differentials, and four wheel/all-wheel drive systems. Students prepare for ASE Certification test A-3. PREREQUISITE(S): Completion of AUTC 101, AUTC 112, AUTC 117 with a 1.0 or higher.

| Item# | Days      | Time                                  | Location       | Date                     | Delivery | Instructor | Fees   | Status  | Note  |
|-------|-----------|---------------------------------------|----------------|--------------------------|----------|------------|--|---|---|
|       | MTW<br>Th | 07:00A-<br>01:30P<br>08:00A<br>10:00A | K141<br>ONLINE | May<br>17 -<br>Jun<br>23 | HYBRID   | FOBES M    | \$15.00 Per Credit -SUPPLY FEE<br>\$15/CR ; \$15.00 Per Course -<br>WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled /<br>22 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### AVIATION

##### **AVIA 101 - AVIATION GROUND SCHOOL - PRIVATE PILOT - 5.0 credits**

This 60 hour aviation pilot ground course offers guidance and training to help pass the required FAA written knowledge test, the first step required toward achieving a FAA Pilot License. Also a great course for those just interested in learning more about aviation as it relates associated flight operations. 1/2 hour of Motion Simulator time is also included! (Subject to CFI availability). In addition, it provides an excellent in depth review for returning pilots. Some elements covered are generic piston aircraft systems, aerodynamics, weather, navigation, airport & airspace operations, communications and Federal Air Regulations. Upon successful completion of the course a certificate will be provided allowing the student to take the actual FAA multiple choice written test. Includes all books and other items such a plotter and mechanical flight computer. Off campus site classroom is located at Renton Municipal Airport, allowing direct access to aircraft, associated support items and airport operations when needed.

| Item# | Days | Time              | Location | Date              | Delivery | Instructor | Fees                                  | Status                                  | Note |
|-------|------|-------------------|----------|-------------------|----------|------------|---------------------------------------|---|------|
| S022  | TTh  | 10:00A-<br>01:00P | ONLINE   | Apr 6 -<br>Jun 23 | ONLINE   | STAFF      | \$599.00 Per Course -STU<br>FUND-TECH | Open 0 Enrolled / 15<br>Seats Available |      |
| S024  | TTh  | 05:00P-<br>08:00P | ONLINE   | Apr 6 -<br>Jun 23 | ONLINE   | STAFF      | \$599.00 Per Course -STU<br>FUND-TECH | Open 0 Enrolled / 15<br>Seats Available |      |

#### BAND INSTR REPAIR

##### **BIR 125 - SAXOPHONE FAMILY REPAIR TECHNIQUES - 6.0 credits**

This course introduces students to specific repair techniques of members of the saxophone family, focusing on padding, regulation and body repair techniques. Students learn specific aspects of repair related to instruments of the saxophone family. It also gives

them the opportunity to fabricate specialized tools and learn to repair saxophone instrument cases and latches. Students learn the history and development of the saxophone. COREQUISITE(S): BIR 124 and BIR 134.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

**BAND INSTR REPAIR**

**BIR 130 - ADVANCED WOODWIND REPAIR TECHNIQUES - 4.0 credits**

This course expands on the basics of woodwind repair through the introductions of advanced techniques including: tonehole and chimney replacement, barrel shortening, tenon rebuilding and other topics appropriate to the advanced woodwind technician. Additional techniques specific to oboe and bassoon repair are also covered in this course. COREQUISITE(S): BIR 126 and BIR 136.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

**BAND INSTR REPAIR**

**BIR 136 - ADVANCED BRASS REPAIR TECHNIQUES - 4.0 credits**

This course expands on the basics of brass repair through additional instruction and practice covering parts fabrication and modifications to existing instruments that enhance their playability and dependability. COREQUISITE(S): BIR 130 and BIR 138.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

**BAND INSTR REPAIR**

**BIR 138 - TROMBONE REPAIR TECHNIQUES - 4.0 credits**

This course introduces students to advanced brasswind repair, focusing on playing condition and overhaul techniques of the trombone. Students learn specific aspects of repair related to trombone handslides including general repair and overall techniques. COREQUISITE(S): BIR 136.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

**BAND INSTR REPAIR**

**BIR 150 - CAPSTONE PROJECT IN BAND INSTRUMENT REPAIR - 1.0 credits**

This project is designed to provide the graduating student-technician with a final experience in band instrument repair. The culmination of this course includes the repair of an instrument along with comprehensive documentation of the techniques applied by the student for presentation to potential employers.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

BAND INSTR REPAIR

**BIR 173 - WRITTEN & ORAL COMMUN. FOR BAND INSTR. REPAIR - 3.0 credits**

This class is an introduction to the terminology and nomenclature of the band instrument repair technician. Students practice skills through simulated interactions with clients and music educators. Students develop skills in the reading of parts diagrams and ordering of supplies.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

BAND INSTR REPAIR

**BIR 188 - EMPLOYMENT SKILLS FOR BAND INSTRUMENT REPAIR - 1.0 credits**

Students create and fully develop a resume appropriate to the Band Instrument Repair trade. Students prepare for job interviews with simulations and bench tests. Participation in actual job searches and interviews, where appropriate, is encouraged.

| Item# | Days  | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-11:00A | J222     | Mar 15 - May 28 | HYBRID   | GANSKA J   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

BIOLOGY

**BIOL 105 - INTRODUCTION TO ANATOMY AND PHYSIOLOGY - 5.0 credits**

This course provides students with an introduction to the basic concepts of anatomy and physiology. It includes organization, classification and control of anatomical structures and an introduction to the major body systems. The course covers some medical terminology and introduces some concepts from chemistry and biochemistry. This course is intended for non-science majors or entry-level allied health majors. General education distribution area: Natural Science, with lab.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
| N434  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SZABO D    | \$12.00 Per Course -ONLINE<br>ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

BIOLOGY

**BIOL&100 - SURVEY OF BIOLOGY - 5.0 credits**

This laboratory science class introduces students to important concepts in biology and how they apply to problems relevant to humans and society. Students will explore core concepts including cells, genetics, and evolution and will apply the process of science through experimentation. Not intended for pre-nursing students. General education distribution area: Natural Science, with lab.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
| G400  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | REDD S     | \$12.00 Per Course -<br>ONLINE ELEARNING<br>FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

BIOLOGY

**BIOL&160 - GENERAL BIOLOGY - 5.0 credits**

Students explore the basic biological principles that describe and explain the nature of life. Topics include cell biology, molecular biology (including basic biochemistry and DNA structure and function), metabolism, and genetics. Students practice skills in both the classroom and laboratory through formats such as group exercises, laboratory activities, quizzes and exams. General education distribution area: Natural Science, with lab.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G542  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | REDD S     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N460  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SZABO D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N498  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SZABO D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| G524  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | REDD S     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### BIOLOGY

##### **BIOL&241 - HUMAN ANATOMY AND PHYSIOLOGY I - 5.0 credits**

This is the first of two classes designed for students who want to enter professional health care programs. It is a study of gross anatomy and functioning of the human body. Covers body organization, cellular structure and function, fundamentals of chemistry and the physiology, structure and function of all the body systems. Lab includes microscopic tissue studies, dissection, work with ADAM software, and physiology projects related to the system studied. General education distribution area: Natural Science, with lab. PREREQUISITE(S): Completion of BIOL& 160, General Biology, with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G506  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BABEL S    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N440  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STOVER C   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N452  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STOVER C   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### BIOLOGY

##### **BIOL&242 - HUMAN ANATOMY AND PHYSIOLOGY II - 5.0 credits**

This is the second of two classes designed for students who want to enter professional health care programs. It is a study of gross anatomy and functioning of the human body. Covers body organization, cellular structure and function, fundamentals of chemistry and the physiology, structure and function of all the body systems. Lab includes microscopic tissue studies, dissection, work with ADAM software, and physiology projects related to the system studied. General education distribution area: Natural Science, with lab. PREREQUISITE(S): Completion of BIOL& 241, Anatomy & Physiology I, with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G516  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | XIE F      | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |



| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N442  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STOVER C   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### BIOLOGY

##### BIOL&260 - MICROBIOLOGY - 5.0 credits

Microbiology is a comprehensive course introducing classification, structure, and function of microbes. Focus includes disease-causing bacteria, viruses, protozoa, and fungi. The role of these microorganisms in nature, environmental impact, and health applications are covered. Laboratory is an integral component, which includes training on microscope, slide prep, aseptic technique transfer/inoculation of bacteria, and use of various media to select, isolate, and characterize organisms. General education distribution area: Natural Science, with lab. PREREQUISITE(S): Completion of BIOL& 160, General Biology, with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G848  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BABEL S    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N428  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BABEL S    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### BOILER OPERATOR

##### BLRS 110 - BOILER OPERATOR LICENSING CLASS 3 & 4 - 8.0 credits

Students review boiler and pressure vessel construction and operation of steam and hot water heating plants and systems, including moderate size high-pressure boilers. This class is the first step in preparing individuals for a third or fourth grade license examination with the City of Seattle and the Tacoma Steam Advisory Certification Board. To qualify for license examination, eighty hours of observation time is also required. The eighty hours can be either observation on a job site or completion of BLRS 111, Boiler Operator Lab. For up-to-the-minute license exam information and changes, contact the City of Seattle or the City of Tacoma. Textbook required.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                              | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|-----------------------------------|--------------------------------------|------|
| Q209  | TTh  | 05:30P-09:30P | ONLINE   | Apr 6 - Jun 10 | ONLINE   | DUONG L    | \$999.00 Per Course -STU FUND-T&I | Open 0 Enrolled / 15 Seats Available |      |

#### BOILER OPERATOR

##### BLRS 210 - BOILER OPERATOR REFRESHER COURSE - .0 credits

The purpose of this refresher training is to ensure the safe operation of boilers and accessories with a review of the following areas: codes and regulations, safety, operation of boilers and new technology. A Certificate of Award is issued upon successful completion of this class as proof to the City of Seattle and the Tacoma Steam Advisory Certification Board for renewal of your boiler operator's license.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees                              | Status                               | Note |
|-------|------|---------------|----------|-----------------|----------|------------|-----------------------------------|--------------------------------------|------|
| Q215  | TTh  | 05:00P-09:00P | ONLINE   | Jun 15 - Jun 17 | ONLINE   | JACKSON J  | \$149.00 Per Course -STU FUND-T&I | Open 0 Enrolled / 15 Seats Available |      |
| Q212  | TTh  | 05:00P-09:00P | ONLINE   | May 18 - May 20 | ONLINE   | JACKSON J  | \$149.00 Per Course -STU FUND-T&I | Open 0 Enrolled / 15 Seats Available |      |

#### BUSINESS

##### BUS 125 - CONCEPT TO COMMERCIALIZATION - 5.0 credits

Students will work with assigned groups to come up with a concept, create a prototype, and present their concept for evaluation by a group of business professionals.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MCKINNON S | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

BUSINESS

**BUS 135 - FINANCING A SMALL BUSINESS - 5.0 credits**

Where do start-ups find money? How can an entrepreneur protect personal assets while starting their business? Students explore where to find seed money and how to manage their existing funds through interactive business simulations, lectures, and other learning opportunities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MCKINNON S | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

BUSINESS

**BUS 240 - PRINCIPLES OF SELLING AND NEGOTIATION - 5.0 credits**

This course offers practical approaches for creating a positive seller-buyer relationship. Topics may include effective preparation, clear decision-making processes, compromise, and customer satisfaction.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MCKINNON S | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

BUSINESS

**BUS 280 - OFFICE PROCEDURES - 5.0 credits**

This is a practical up-to-date course that will prepare students for work in a wide variety of offices. Simulated experiences, combined with consultations with the most knowledgeable people in office employment, will reinforce student's knowledge for the next century. Be prepared for some field trips and other practical activities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MCKINNON S | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

CENTRAL SERVICE TECH

**CST 191 - CENTRAL SERVICE CLINICAL PRACTICUM I - 4.0 credits**

Students apply their knowledge and skills in the clinical setting. Students learn job search skills as well as develop a resume for an entry-level position as a Central Service Technician.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 7 - Jun 23 | FACE-TO-FACE | KNOX A     | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 20 Seats Available |      |

CENTRAL SERVICE TECH

**CST 192 - CENTRAL SERVICE TECHNICIAN CLINICAL PRACTICUM II - 10.0 credits**

Students apply their knowledge and skills in the clinical setting. Students complete documentation of the 400 hours of experience required by IAHCMM certification.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 7 - Jun 23 | FACE-TO-FACE | KNOX A     | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE ; \$110.00 Per Course - CLINICAL PLCMT FEE | Open 0 Enrolled / 20 Seats Available |      |

#### CHEMISTRY

##### CHEM&121 - INTRODUCTION TO CHEMISTRY - 5.0 credits

This introductory course discusses the basic concepts in general and inorganic chemistry. It is designed to prepare students for coursework in health sciences or more advanced scientific coursework by laying the foundation of the most 'elemental' science - chemistry. Topics covered range from the nature of atoms to chemical reactions and include homework, laboratories, exams, and group exercises. General education distribution area: Natural Science, with lab. PREREQUISITE(S): Placement into MATH 095; or completion of MATH 085, MATH 092, AMATH 185, or AMATH 190 with a 2.0 or higher; or completion of AMATH 175 with a 3.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N400  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BABEL S    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| G522  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BABEL S    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### COLLEGE SUCCESS

##### COL 101 - COLLEGE SUCCESS - 2.0 credits

Upon successful completion of this course, you will be able to demonstrate the skills necessary to succeed at Renton Technical College and beyond, including time management, information literacy, wellness, financial literacy, and appreciation of diversity and inclusion.

| Item# | Days     | Time    | Location | Date          | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|---------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE EARNING FEE | Registration Currently Closed        | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE EARNING FEE | Registration Currently Closed        | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE EARNING FEE | Open 2 Enrolled / 26 Seats Available | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE EARNING FEE | Registration Currently Closed        | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 -       | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE EARNING FEE | Registration Currently Closed        | OER (no textbook to purchase) |

| Item# | Days     | Time    | Location | Date          | Delivery | Instructor | Fees                                      | Status                        | Note                          |
|-------|----------|---------|----------|---------------|----------|------------|---|-------------------------------|-------------------------------|
|       |          |         |          | Jun 4         |          |            |   |                               |                               |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE ELEARNING FEE | Registration Currently Closed | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE ELEARNING FEE | Registration Currently Closed | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE ELEARNING FEE | Registration Currently Closed | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE ELEARNING FEE | Registration Currently Closed | OER (no textbook to purchase) |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 4 | ONLINE   | STAFF      | \$12.00 Per Course - ONLINE ELEARNING FEE | Registration Currently Closed | OER (no textbook to purchase) |

COMMERCIAL BLDG ENG

**CBE 101 - FUNDAMENTALS OF ELECTRICITY AND LAB - 6.0 credits**

This course covers basic electrical theory, testing, troubleshooting, schematics and symbols, circuit construction plus other related items used in the industrial and commercial maintenance fields. Lock-out/tag-out regulations are also included. Part of this course is a hands-on lab featuring components, wiring and application of basic electrical systems.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                 | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MEAKIN A   | \$12.00 Per Course -ONLINE ELEARNING FEE | Permission Code Needed |      |

COMMERCIAL BLDG ENG

**CBE 102 - ADVANCED ELECTRICAL AND LAB - 5.0 credits**

This course includes single phase and multiple phase installation, repair, and maintenance including branch and feeder circuits as found in the industrial and commercial applications. Part of this course is a hands-on lab featuring the components, wiring and applications of single phase and three phase systems. PREREQUISITE(S): CBE 101 or instructor permission.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                 | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|------------------------|------|
|       | M    | 09:00A-05:00P | E415     | Apr 6 - Jun 23 | HYBRID   | HUDSON E   | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

COMMERCIAL BLDG ENG

**CBE 105 - BOILER OPERATORS - 8.0 credits**

This course consists of the care and operation of boilers in preparation for the City of Seattle's boiler operator exams. Electrical interlocks and schematics along with confined space entry regulations as used in the industrial and commercial maintenance fields are also covered.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees                                      | Status                 | Note                                     |
|-------|------|---------------|----------|-----------------|----------|------------|---|------------------------|--|
|       | Sa   | 08:00A-04:30P | ONLINE   | Apr 10 - Jun 19 | ONLINE   | DUONG L    | \$12.00 Per Course - ONLINE ELEARNING FEE | Permission Code Needed | Class meets via Zoom during time listed. |

COMMERCIAL BLDG ENG

**CBE 106 - BOILER LAB - 4.0 credits**

This is a hands-on lab for the beginning boiler operator to develop and practice good operating and maintenance procedures on boilers. System layout, components and electrical interlocks found in the industrial and commercial maintenance fields are also covered. PREREQUISITE(S): CBE 105 or instructor permission.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                 | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|------------------------|------|
|       | MW   | 05:00P-09:00P | E415     | Apr 6 - Jun 23 | HYBRID   | COOK J     | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | W    | 09:00A-05:00P | E415     | Apr 6 - Jun 23 | HYBRID   | HUDSON E   | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

COMMERCIAL BLDG ENG

**CBE 207 - INDOOR AIR QUALITY - 6.0 credits**

This course will help students interpret indoor air quality regulations, how to comply with them, and how to determine if new/remodeled buildings meet these regulations in commercial buildings. It includes how to handle everyday IAQ problems and how to prevent and solve problems effectively.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                 | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HUDSON E   | \$12.00 Per Course -ONLINE ELEARNING FEE | Permission Code Needed |      |

COMMERCIAL BLDG ENG

**CBE 215 - MECHANICAL MAINTENANCE AND LAB - 5.0 credits**

This course is designed to acquaint individuals with maintenance techniques for belts, pulleys, sprockets, gears, and other mechanical parts found in industrial settings.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | WTh  | 05:00P-09:00P | E405     | Apr 6 - Jun 23 | HYBRID   | BUCK S     | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available | This class starts as fully online. In-person labs will be scheduled later in the quarter. |
|       | T    | 09:00A-05:00P | E415     | Apr 6 - Jun 23 | HYBRID   | HUDSON E   | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available |   |

COMMUNICATIONS

**CMST&101 - INTRODUCTION TO COMMUNICATION - 5.0 credits**

In this course students study the fundamentals of the communication process and apply them to personal and workplace relationships. Emphasis is on applying communication theory to interviewing, small group communications and public speaking. Students are required to prepare and give oral presentations. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G106  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | EDWARDS M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 27 Seats Available |      |

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N436  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | EDWARDS M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 27 Seats Available |      |
| N438  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | EDWARDS M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 27 Seats Available |      |

#### COMMUNICATIONS

##### CMST&220 - PUBLIC SPEAKING - 5.0 credits

This course in public speaking helps students develop effective speaking skills through understanding the elements involved in effective speech. Students will prepare speeches designed for a variety of purposes. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|-------------------------------|
| N770  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | EDWARDS M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 27 Seats Available | OER (no textbook to purchase) |

#### COMPOSITION

##### COMP 100 - APPLIED COMPOSITION - 5.0 credits

This practical writing course assists student with academic writing. The class incorporates journal summaries and basic essay formats to help students build on their sentence and paragraph strengths to be successful in college-level writing. This class assists students in moving their writing forward through practice.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|----------------------------------|
| G102  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HIGGINS K    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |
| G108  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALSH S      | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase)    |
| G124  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HIGGINS K    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |                                  |
| N412  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALSH S      | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |                                  |
| G184  | ARRANGED | ARR-ARR | ONLINE   | May 3 - Jun 23 | ONLINE   | LESMEISTER M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |                                  |
| G856  | ARRANGED | ARR-ARR | ONLINE   | May 3 -        | ONLINE   | LESMEISTER M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase)    |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

COMPUTER NETWORK ARC

**CNA 421 - CLOUD ARCHITECTURE - 5.0 credits**

This course provides the fundamentals of building an IT infrastructure in the public cloud, such as Amazon Web Services (AWS). Case studies and practice scenarios focus on best practices and optimal design patterns.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | W    | 06:00P-08:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RUBIN Z    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER NETWORK ARC

**CNA 440 - NETWORK INFRASTRUCTURE PLANNING AND DEPLOYMENT - 5.0 credits**

Students integrate virtual and physical components into robust, secure, redundant and resilient infrastructures. Students will use whiteboards, and other discussion techniques, to propose designs and make changes to meet requirements. Students will select a cloud provider and build a scalable infrastructure through a course project. PREREQUISITE(S): Completion of CNA 340 and CNA 350 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | Th   | 06:00P-08:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RUBIN Z    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER NETWORK ENG

**CNE 310 - IT PROJECT MANAGEMENT - 4.0 credits**

This course teaches students the principles and concepts involved with project management and positive team communication. Students collaborate to write statements of work, budgets, schedules, and modifications. Students make use of version control software to track revisions and avoid data loss. Scrum and Agile methodologies are introduced.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RUBIN Z    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

COMPUTER NETWORK ENG

**CNE 310L - IT PROJECT MANAGEMENT LAB - 1.0 credits**

This lab accompanies CNE 310. Students will collaborate in small groups to work through IT project scenarios.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | T    | 06:00P-08:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RUBIN Z    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER NETWORK ENG

**CNE 330 - NETWORK PROGRAMMING IN PYTHON I - 5.0 credits**

This course introduces students to the Python programming language from a networking focus. Students will use variables, loops, conditionals, functions, and modules to build scripts. Students will build and demonstrate their knowledge through labs and course projects.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | W    | 06:00P-08:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ELLIS J    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER NETWORK TEC

**CNT 156 - COMPTIA A+ CORE I - 5.0 credits**

Students with little or no IT background will learn computer technology and computer troubleshooting in this first preparation course for the CompTIA A+ 220-1001 industry certification exam. This certification, which is one of two exams that help you establish an IT career, includes PC maintenance, networking, mobile devices, laptops, operating systems, printers, security and troubleshooting techniques. Students will cover these topics in detail.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|---|
| T103  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | The class is for International and Running Start students only. |
| T104  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | The class is for International and Running Start students only. |
| L103  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |   |
| L104  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |   |

COMPUTER NETWORK TEC

**CNT 160 - COMPTIA A+ CORE II - 5.0 credits**

This class builds on the knowledge and skills content from CNT 156. Topics include PC maintenance, networking, mobile devices, laptops, operating systems, printers, security and troubleshooting techniques. This course will prepare students for CompTIA's A+ 220-1002 exam. PREREQUISITE(S): Completion of CNT 156 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | TTh  | 10:00A-11:30A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER NETWORK TEC

**CNT 240 - ROUTING AND SWITCHING I - 5.0 credits**

The course provides the foundational knowledge of network layers 1-3 applicable to core routing and switching and introduces advanced technologies. Topics include the interactions and network functions of firewalls, wireless controllers and access points, along with additional focus on IPv6 and basic network security. This course prepares students for Cisco ICND1 (100-105), Cisco ICND2 (200-105), and the Cisco CCNA composite exam (200-125).



| Item# | Days | Time          | Location | Date           | Delivery | Instructor  | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|-------------|---|--------------------------------------|--|
|       | MW   | 08:00A-09:30A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SANDERSON B | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER NETWORK TEC

**CNT 250 - ROUTING AND SWITCHING II - 5.0 credits**

The course provides the knowledge and skills needed to install, configure, operate, and troubleshoot a small enterprise network. Key topics include QoS elements, virtualized and cloud services, along with controller types and tools that are available to support software defined network architectures. This course prepares student for the Cisco ICND1 (100-105), Cisco ICND2 (200-105), and the Cisco CCNA composite exam (200-125).

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | DAY C      | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

COMPUTER NETWORK TEC

**CNT 254 - NETWORK INFRASTRUCTURE - 5.0 credits**

This course focuses on installation, storage, and OS features and functionality available in Windows Server 2016. Special emphasis is placed on deployment and configuration of physical network infrastructure and introduction to virtual networks with Hyper-V. Students prepare for TestOut's Server Pro 2016 exam and Microsoft's Installation, Storage, and Compute with Windows Server 2016 certification exam (70-740).

| Item# | Days | Time          | Location | Date           | Delivery | Instructor  | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|-------------|---|--------------------------------------|--|
|       | TTh  | 08:00A-09:30A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SANDERSON B | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER NETWORK TEC

**CNT 256 - AWS CLOUD FOUNDATIONS - 5.0 credits**

This course introduces cloud computing concepts and fundamentals. It is focused on AWS services so that you can make informed decisions about IT solutions based on business requirements. The course also prepares students for the AWS Certified Cloud Practitioner (CCP) exam.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor  | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|-------------|---|--------------------------------------|--|
|       | MW   | 12:00P-01:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SANDERSON B | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER NETWORK TEC

**CNT 259 - SECURE ENTERPRISE NETWORKS - 5.0 credits**

This course emphasizes planning, deployment and maintenance of enterprise networks. Students work with Linux and Windows-based networks to appropriately scale networks to meet industry demands. The course has a heavy emphasis on security: firewall essentials and configuration steps for security, networking, threat prevention, logging, and reporting features. This course prepares students for the Palo Alto Networks Installation, Configuration, and Management (PAN-EDU-201) exam.

| Item# | Days     | Time    | Location | Date    | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|---------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - | ONLINE   | DAY C      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

COMPUTER NETWORK TEC

**CNT 263 - COMPTIA LINUX+ - 5.0 credits**

This course provides introductory and advanced coverage of Linux systems administration. It is designed to help students successfully pass CompTIA's Linux+ Certification exam. The course covers the Red Hat ES4 release and equips students with the information necessary to remain current with industry changes.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | DAY C      | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

COMPUTER NETWORK TEC

**CNT 290 - NEXT LEVEL NETWORKING TOPICS - 5.0 credits**

This is a special topics class in computer networking. Students gain familiarity with topics such as additional network operating systems, VMware ESXi/Vsphere, software-designed networks, cloud computing, and co-location and network migration. Students complete assignments using both physical and virtual hands-on labs. The course serves as a familiarization experience for the BAS in Network Architecture.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor  | Fees                                      | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|-------------|---|--------------------------------------|--|
|       | TTh  | 12:00P-01:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SANDERSON B | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER NETWORK TEC

**CNT 294 - INTERNSHIP/COOPERATIVE EDUCATION - 5.0 credits**

This course provides the option of cooperative/internship training in computer networks, within the prescribed hours of the student's program of study. Instructor approval is required, and the experience can be either paid or unpaid.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                 | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | TARVIN L   | \$12.00 Per Course -ONLINE ELEARNING FEE | Permission Code Needed |      |

COMPUTER SCIENCE

**CSI 120 - COMPUTER PROGRAMMING I - 5.0 credits**

This course introduces the basics of computer programming and problem solving. Students will develop skills in designing and writing simple computer programs in an integrated programming environment (IDE). Topics include flowchart concepts, language syntax, data types and operators, methods, control structures such as conditionals and loops, and arrays.

| Item# | Days     | Time          | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
| L509  | MTWTh    | 09:10A-10:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | GILL D     | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |
| L510  | ARRANGED | ARR-ARR       | ONLINE   | Apr 6 - Jun 23 | ONLINE   | DAY C      | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |  |

COMPUTER SCIENCE

**CSI 122 - COMPUTER PROGRAMMING II - 5.0 credits**

Students write creative programs demonstrating skill in structured design and code, using decision and iteration structures, as well as effective documentation. Students learn to write event-driven applications using forms, controls, properties and methods.

PREREQUISITE(S): Completion of CSI 120 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | JANG Y     | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

COMPUTER SCIENCE

**CSI 124 - COMPUTER PROGRAMMING III - 5.0 credits**

Students are introduced to the concepts of object-oriented programming. Students learn to write applications using structures, classes, interfaces, inheritance and polymorphism. In addition, students learn to use and create delegates, events, collections, exceptions, dynamic link libraries and input/output streams to build real-world applications. PREREQUISITE(S): Completion of CSI 122 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | JANG Y     | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

COMPUTER SCIENCE

**CSI 130 - DATABASE DESIGN - 5.0 credits**

This is an introductory course for the student with little or no experience designing and building relational databases. The students learn the basics of relational database theory and rules of normalization, and how to incorporate business requirements into the design for a database. They also learn to use a program or language such as Structured Query Language (SQL) to create basic database objects and to manipulate data.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | MW   | 11:00A-12:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | GILL D     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

COMPUTER SCIENCE

**CSI 140 - FRONT-END WEB DEVELOPMENT - 5.0 credits**

Students will learn the basic elements defined in the HTML language to initially build simple web pages and forms, then adding semantics, structures, and more sophisticated forms using HTML5 elements. In the second part of this course, students will add styles to their web pages and forms using Cascading Style Sheets (CSS). In the final project, students should be able to design quality web pages as rated by professionals.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | MW   | 10:00A-11:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | EMERY J    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

COMPUTER SCIENCE

**CSI 226 - COMPUTER PROGRAMMING IV - 5.0 credits**

In this advanced programming course, students continue refining their coding skills in topics such as polymorphism, encapsulation, asynchronous programming, multi-threaded applications, and distributed applications. PREREQUISITE(S): Completion of CSI 124 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | TTh  | 09:00A-10:30A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ZERROUKI L | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER SCIENCE

**CSI 234 - APPLIED DATABASE DEVELOPMENT - 5.0 credits**

This course is designed for the student who is already familiar with basic relational database theory. The focus of this course is databases in the n-tier client/server development model. Students learn and utilize more advanced program or language topics, such as enterprise-level objects, views, stored procedures, functions, indexes, constraints, transaction handling, and triggers in event-driven database applications. Additionally, the class covers best practices in administration, user management and security, including effective planning for updates, backup, and disaster recovery. PREREQUISITE(S): Completion of CSI 130 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | TTh  | 11:00A-12:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | GILL D     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

COMPUTER SCIENCE

**CSI 242 - CLIENT-SIDE SCRIPTING - 5.0 credits**

Students build their front-end web development skills by creating dynamic web pages with user-friendly structure, graphics, and animations. Emphasis is placed on event handlings, style properties, and content manipulation (filters, patterns, elements, detection or creation of events) using scripting tools such as Javascript and jQuery. PREREQUISITE(S): Completion of CSI 140 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | JANG Y     | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

COMPUTER SCIENCE

**CSI 250 - RICH INTERNET APPLICATIONS - 5.0 credits**

This course introduces the technologies of a rich internet application. Topics may include JavaScript frameworks such as AngularJS, Node.js, AJAX, and the data-interchange format such as JSON, as well as the ASP.NET MVC framework. PREREQUISITE(S): Completion of CSI 242 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|---|
|       | W    | 04:00P-06:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHARLAU T | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

COMPUTER SCIENCE

**CSI 260 - INTRODUCTION TO DATA STRUCTURES AND ALGORITHMS - 5.0 credits**

This course provides an introduction to mathematical modeling of computational problems. It covers the common algorithms, algorithmic paradigms, and data structures used to solve these problems. The course emphasizes the relationship between algorithms and programming, and introduces basic performance measures and analysis techniques for these problems.

PREREQUISITE(S): Completion of CSI 226 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | MW   | 08:30A-10:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ZERROUKI L | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER SCIENCE

**CSI 293 - CAPSTONE DESIGN AND DEVELOPMENT PROJECT - 5.0 credits**

A comprehensive project, conceived by the student and approved by instructors, demonstrates the capability to integrate the major academic areas of communications, systems analysis and program development. Students are required to conceptualize, design, code, and test a web-based programming project of their own creation. The project must utilize a database, graphics, user-friendly interfaces, and full written internal and external documentation. Students work with instructors on all pre-approved phases of the project. This project is mandatory for all students not in full-time cooperative/internship education.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | Th   | 08:00A-09:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ZERROUKI L | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER SCIENCE

**CSI 294 - COOPERATIVE EDUCATION/INTERNSHIP - 10.0 credits**

This course provides the option of cooperative/internship training in computer science, within the prescribed hours of the student's program of study. Instructor approval is required, and the experience can be either paid or unpaid. (Hours to 330 and credits to 10.)

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                 | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ZERROUKI L | \$12.00 Per Course -ONLINE EARNING FEE | Permission Code Needed |      |

COMPUTER SCIENCE

**CSI 350 - SOFTWARE APPLICATION DEVELOPMENT II - 5.0 credits**

Utilizing concepts from Software Engineering I, students will gain experience beyond web programming with models such as Windows application programming, Windows services, communication services in the Windows platform and other related application programming models. Coverage will also be given to parallel programming. Emphasis will be put on testing, deployment and security. PREREQUISITE(S): Completion of CSI 340 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|--------------|---|--------------------------------------|--|
|       | T    | 06:30P-09:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RONY-CHOWDHU | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER SCIENCE

**CSI 360 - MOBILE APPLICATION DEVELOPMENT I - 5.0 credits**

Students will learn how to create Android applications using Android Developer Tools and the Android studio. Android applications will be run on virtual as well as hardware devices. Emphasis will be put on designing the user interface through views and view groups; adding and applying resource files; saving preferences and data; and using databases as a repository. PREREQUISITE(S): Completion of CSI 340 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|--------------|---|--------------------------------------|--|
|       | Th   | 06:30P-09:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RONY-CHOWDHU | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

COMPUTER SCIENCE

**CSI 492 - SENIOR CAPSTONE PROJECT - 5.0 credits**

The capstone course challenges students to complete an original software development project to demonstrate mastery of the skills and technologies central to the BAS course of study. Projects will be web or mobile applications that offer a product or service or seek to solve a business problem. With input from a faculty mentor and program peers, students will define project scope, create workable project plans, and manage their project with quality, budget (if applicable), and schedule in mind. Final projects are formally presented for evaluation. PREREQUISITE(S): Completion of CSI 460, CSI 470, and CSI 475 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|--------------|--|--------------------------------------|--|
|       | W    | 06:30P-09:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | RONY-CHOWDHU | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

COMPUTER SCIENCE

**CSI 499 - EMERGING TECHNOLOGIES - 5.0 credits**

Students will receive instruction and practical application in leading-edge technologies relevant to rounding out education in application development. Topics will change from year to year. PREREQUISITE(S): Completion of CSI 460 and CSI 483 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | Th   | 06:30P-09:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FRIGON S   | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

CONSTRUCTION MGMT

**CONST103 - INTRODUCTION TO COMPUTERS - 2.0 credits**

This 2-credit module prepares students to utilize word & spreadsheet processing features to increase the functionality of their documents in a construction management environment. Students will learn to create electronic documents and format tables. Students will learn to utilize advanced features of the spreadsheet processing package, working with formulas and functions, creating macros, and preparing worksheets with a focus on construction math breakouts and calculations.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HANSON G   | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | OER (no textbook to purchase) |

CONSTRUCTION MGMT

**CONST152 - EROSION AND SEDIMENT CONTROL PLAN IMPLEMENTATION - 3.0 credits**

This course teaches the implementation of the Erosion and Sediment Control Plan (ESC) for construction sites with earth disturbance activities. It covers the construction stormwater pollution prevention guidance provided in the most recent version of: a) The Washington State Department of Ecology Stormwater Management Manual for Western Washington, or b) The Washington State Department of Ecology Stormwater Management Manual for Eastern Washington. Students will learn how to design an Erosion and Sediment Control Plan Implementation Tool (ESCPIT). PREREQUISITE(S): Completion of CONST 150 with a 1.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | M    | 07:30P-09:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | NGIAM K    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

CONSTRUCTION MGMT

**CONST185 - CIVIL CONSTRUCTION - 3.0 credits**

Introduction to road, storm drainage, water and sewer system construction. WSDOT/APWA standard specifications plans and environmental impact review included.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | T    | 06:00P-07:50P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

CONSTRUCTION MGMT

**CONST251 - SAFETY PLANNING AND ADMINISTRATION - 3.0 credits**

Learn to develop company and organizational safety plans and procedures. Topics covered include training, documenting, and creating a safety-conscious climate on the job site. Students have the option to earn the OSHA 10 card in this course.

PREREQUISITE(S): Completion of CONST 140 (or instructor approval) and CONST 250 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | Sa   | 10:00A-12:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | NGIAM K    | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

CONSTRUCTION MGMT

**CONST260 - PROJECT MANAGEMENT - EXECUTION OF WORK - 5.0 credits**

Students will apply construction schedules, work on quality assurance and control issues, and identify with safety and risk management situations. Students will use the cost estimate as basis for scope of work and project administration, and role-play how decisions are evaluated, made, and implemented during construction. Includes review of submittal/shop drawing and change order processing. Course identifies project stakeholders like owners, architects, general contractors, subcontractors, and suppliers and how they coordinate, negotiate, and resolve change disputes. PREREQUISITE(S): Completion of CONST 101, CONST 140, CONST 160, CONST 183, CONST 202, CONST 230, CONST 270 and CONST 280 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | Th   | 06:00P-09:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

CONSTRUCTION MGMT

**CONST261 - HUMAN RELATIONS FOR THE CONSTRUCTION INDUSTRY - 3.0 credits**

Covers work and communication styles, team building techniques, and leadership development. Related topics include roles and responsibilities, task delegation, harassment prevention, racial and cultural awareness, problem solving skills, conflict resolution, time management, performance evaluation, and e-mail etiquette. Role-play and practice resolving peer-to-peer, peer-to-supervisor, and company-to-company scenarios.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | W    | 06:00P-07:50P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. |

CONSTRUCTION MGMT

**CONST265 - CUSTOMER ENGAGEMENT FOR CONSTRUCTION PROPOSALS - 3.0 credits**

Focus on customer needs by learning presentation techniques. Students learn to create and develop proposals for various types of construction sales, from negotiated to competitive bid environments. Project-types include, but are not limited to, tenant improvements, commercial building, and residential bids to private owners and public entities. Students learn to listen and identify with what is most important to the customer.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | W    | 08:00P-09:40P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

#### CONSTRUCTION MGMT

##### CONST266 - ADVANCED TECHNOLOGY FOR CONSTRUCTION I - 2.0 credits

A study of the use of construction management information tools and systems used in the construction industry. Topics include building and formatting project documentation tools in support of project costs control and job performance. Build spreadsheets for cost estimating and bar chart schedules. Develop pivot tables for productivity and resource analysis. PREREQUISITE(S): Keyboarding skills, familiarity with MS Windows, and completion of CONST 103 with a 1.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | T    | 08:00P-09:10P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

#### CONSTRUCTION MGMT

##### CONST267 - ADVANCED TECHNOLOGY FOR CONSTRUCTION II - 2.0 credits

This class is an introduction to Microsoft Project. Create Gantt and PERT charts, resource sheets, and calendars. Learn to tailor your reports to the nature of the project. Develop a project plan that identifies tasks, organizes tasks into a schedule, assigns resources and manages budgets. PREREQUISITE(S): Keyboarding skills, familiarity with MS Windows, and completion of CONST 266 with a 1.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | Sa   | 08:15A-09:45A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

#### CONSTRUCTION MGMT

##### CONST270 - UNDERSTANDING STRUCTURAL DESIGN - 2.0 credits

Learn how to recognize, interpret and understand the structural concerns of a building project. This includes review of structural design criteria for simple concrete, steel, and wood construction. Engineering concepts are reviewed including dead and live loads; trusses; and learning about forces, stress, shear, and moments in simple systems. Students learn to trace loads through a simple structure. PREREQUISITE(S): Completion of MATH 075 or AMATH 175 with a 2.0 or higher, or equivalent placement.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | M    | 06:00P-07:30P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PULLIAM J  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Low-Cost Textbook (\$50 or less). |

#### CULINARY ARTS

##### CUL 103 - KNIFE SKILLS I - 3.0 credits

Students learn how to maintain and sharpen a knife, and practice basic knife handling techniques for safety, accuracy and industry production. Also, different knife manufacturing methods, compositions and types used in the industry are reviewed. Students learn classic knife cuts based on ACF standards and learn chiffonade, bouquet garni, sachet d'epices, onion brule and pique, tomato concasse, citrus peeling, zesting and segmenting, and various vegetable specific techniques. Students learn how to display proper knife skills and correct mise en place for setting up a prep station per industry standards with emphasis on useable/unusable trim and proper food handling in production and storage.



| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### **CUL 105 - FOUNDATIONS - 3.0 credits**

Beginning level fundamentals including industry professionalism, culinary history, culinary organizations and classification of food and flavor development. To develop an understanding of the basic principles of sanitation and safety and to be able to apply them in the foodservice operations. Environmental and sustainable practices will be reviewed. To reinforce personal hygiene habits and food handling practices as they relate to chemicals and safe food handling throughout the Flow of Food in a kitchen. ServSafe sanitation is reviewed and a National Restaurant Association ServSafe Exam is offered.

| Item# | Days | Time              | Location | Date                    | Delivery | Instructor  | Fees  | Status                                  | Note  |
|-------|------|-------------------|----------|-------------------------|----------|-------------|---|---|---|
|       | F    | 08:00A-<br>09:00A | ONLINE   | Apr<br>9 -<br>Jun<br>18 | ONLINE   | LEWARK<br>D | \$12.00 Per Course -<br>ONLINE EARNING<br>FEE | Open 0 Enrolled /<br>45 Seats Available | Class meets via Zoom<br>during time listed. |

#### CULINARY ARTS

##### **CUL 107 - SAUCIER I - 3.0 credits**

Techniques and fundamentals of the sauce kitchen are reviewed. The students have the opportunity to make mirepoix, roux, beurre manie, slurries, liaisons and egg emulsion. Prepare white and brown stocks. Prepare five classic mother sauces (bechamel, espagnole, veloute, tomato and hollandaise sauce) and derivatives. Prepare coulis, infused oils and vinegars. Mise en place and organization, planning, portion control, recipe, and utilization of product. Food quality, sanitation, mise en place and teamwork will be evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### **CUL 108 - SAUCIER II - 3.0 credits**

Techniques and advanced techniques of the soup kitchen are reviewed. Preparation of clear and thick soup, consommés, purees, veloutes, cream soups, bisques and chowders will be offered. Prepare chilled, regional, national, and international soups, the garnishing of soups and proper serving temperatures. Food quality, sanitation, mise en place and teamwork are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### **CUL 109 - ENTREMETIER I - 3.0 credits**

Prepare potatoes, grains, legumes, pastas, eggs, soups and a variety of vegetables. Preparation and cooking methods such as blanching, parboiling, steaming, simmering, grilling, frying, sauteing, roasting, stewing, braising and baking, cutting, peeling, and trimming. In addition, proper portion sizing, seasoning and presentation are practiced. Food quality, sanitation, mise en place, and teamwork are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 110 - FUNDAMENTALS I - 3.0 credits**

Students prepare various proteins and side dishes using moist heat cooking methods; techniques of poaching, simmering, boiling, and steaming. Proteins and side dishes apply to cafeteria menu offerings. Seasoning, presentation and hot food holding are discussed. Food quality, sanitation, mise en place, and teamwork are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 111 - FUNDAMENTALS II - 3.0 credits**

Display the preparation of various proteins and side dishes using dry heat cooking methods; techniques of broiling, grilling, roasting, baking, sauteing, pan frying and deep frying. Seasoning, presentation and hot food holding are discussed. Food quality, sanitation, mise en place, and teamwork are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 112 - FUNDAMENTALS III - 3.0 credits**

Students will research and study the regions of the United States heritage Melting Pot and International Cooking Cuisines. The cooking methods of the foods indigenous to the specific regions will be discussed. The preparation and cooking should reflect on authenticity, texture, flavor, consistency and appearance. Seasoning, presentation and hot food holding will be discussed. Food quality, sanitation, mise en place and teamwork will be evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 113 - CAFE LEAD - 3.0 credits**

Students function as a direct station supervisor, developing leadership and teamwork while being responsible for all CAFE production. Emphasis is on daily assignments, product requisitions, production sheets, following recipes product utilization and coordinating sanitation requirements. The student is accountable for the coordination of station production, and is directly responsible for overseeing the production of the CAFE. Â

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 114 - DELICATESSEN I - 3.0 credits**

Preparation of deli salads categorized as: tossed, bound, composed, vegetable, gelatin and fruit salads will be reviewed. Prepare vinaigrettes and mayonnaise-based dressings. Prepare salad greens and proper handling with emphasis on correct temperature storing and service of cold food. Proper mise en place and preparation of sandwich meats and cheeses, pizza and dough, and set up of salad bar per recipes. Customer relations with direct daily customer service will be evaluated. Food quality, sanitation, mise en place and team work are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 115 - DELICATESSEN II - 3.0 credits**

Prepare hot and cold delicatessen foods in deli prep kitchen to compose and create special salads and sandwiches. Students prepare closed and open-faced sandwiches, specialty sandwiches, advanced salads, aioli and chutneys. Customer service relations, food quality, food handling, sanitation, mise en place, and teamwork are evaluated.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 07:00A-<br>01:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 116 - GARDE MANGER I - 3.0 credits**

Students learn about the chaud-froid process and preparations of brined, rubbed, smoked and roasted meats. Preparation of compound butters, infused oils and vinegars, coulis and salsas. Curing, pickling, preparation of hors d'oeuvres canapes, tapas, hot and cold buffet platter will be reviewed. Prepared foods, coulis, salsas and accoutrements will be evaluated with an emphasis on taste, textures and colors, and proper food handling techniques. This course involves hands-on training in customer relations with direct daily customer service.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 117 - GARDE MANGER II - 3.0 credits**

Students will roast, cure, rub and brine a variety of meats for deli and pantry service. Basic charcuterie fundamentals of forcemeats for galantines, terrines, sausages and aspic are prepared. Production of a composed cold platter for eight to include chemise, galantine, tureen and one solid protein smoked, poached, roasted, braised or grilled. Accoutrements of salad, two standing garnishes and one sauce to be presented and judged per ACF cold standards food quality, sanitation observed.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

CULINARY ARTS

**CUL 118 - BREAKFAST COOKERY - 3.0 credits**

Preparations of breakfast cookery, including egg styles, meats, batters, starches and garnishes will be reviewed. Students will be evaluated on their speed, efficiency, organization, hygiene, cleanliness, presentation and health consciousness. Students are trained to fulfill contemporary nutritional requirements including the ability to plan and execute nutritionally sound breakfasts. Customer relations service techniques are employed.

| Item# | Days    | Time                                  | Location       | Date                    | Delivery | Instructor  | Fees   | Status  | Note  |
|-------|---------|---------------------------------------|----------------|-------------------------|----------|-------------|--|---|---|
|       | MT<br>W | 06:00A-<br>12:30P<br>08:00A<br>09:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | LEWARK<br>D | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 119 - BAKERY BASICS - 3.0 credits

Bakery production including equipment, operation and maintenance and scaling, American and European. Skills in preparation of yeast, quick breads, puff pastry, creams, custards, pies, and cookies. Organization, mise en place, bakery bench skills, teamwork, time planning, cake decorating and display presentations.

| Item# | Days | Time              | Location | Date                    | Delivery             | Instructor   | Fees  | Status                                     | Note |
|-------|------|-------------------|----------|-------------------------|----------------------|--------------|---|--|------|
|       | MTW  | 07:00A-<br>12:30P | I109     | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | HOLLAND<br>R | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$17.28 Per Credit -CUL.ARTS/ STUDENT<br>MEAL | Open 0 Enrolled<br>/ 45 Seats<br>Available |      |

#### CULINARY ARTS

##### CUL 120 - PURCHASING AND RECEIVING - 3.0 credits

Students are involved with invoicing, pricing, costing, and weekly inventories. Review and participation in product identification, storage procedures, inter-department transfers, and inventory control, stocking procedures, FIFO system, and quality control are completed.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 121 - DINING ROOM SERVICE - 3.0 credits

Students actively learn the importance of teamwork among kitchen personnel and techniques of service, menu preparation, suggestive selling, point-of-sale procedures, organizing and placing orders, techniques for bus station and dining room setup. Emphasis is on personal appearance, customer relations, attitude, hygiene and safety.

| Item# | Days | Time              | Location | Date                    | Delivery             | Instructor | Fees  | Status                                     | Note |
|-------|------|-------------------|----------|-------------------------|----------------------|------------|---|--|------|
|       | MT   | 07:00A-<br>01:30P | I107     | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | PARKER T   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$17.28 Per Credit -CUL.ARTS/ STUDENT<br>MEAL | Open 0 Enrolled<br>/ 45 Seats<br>Available |      |

#### CULINARY ARTS

##### CUL 122 - WINE APPRECIATION - 2.0 credits

Wine, Beer and Spirits; this course reviews the growing regions, history, soil, climate and geography reaction to the grape varieties, hops and grains. Distillation and fermentation processes to include the bottling process of the wine, beer and spirits industry. Skill enhancement on pairing wine, beer and spirits with food is covered. Handling procedures, storage, presentation of beverages and WSLCB liquor laws are addressed.

| Item# | Days | Time    | Location | Date          | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|------|---------|----------|---------------|----------|------------|--|--------------------------------------|------|
|       | F    | ARR-ARR | ONLINE   | Apr 9 - May 7 | ONLINE   | JEWETT C   | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 45 Seats Available |      |

CULINARY ARTS

**CUL 123 - ENTREMETIER II - 3.0 credits**

Prepare a variety of vegetable, starch, pastas, soups, egg and farinaceous dishes. Knife skills to include tourne, batonette, allumette, rondelle, paysanne, julienne, and chiffonade will be used in this course. Utilizing methodologies such as, grilling, steaming, poaching, sauteing, and broiling will be used in this course. Attention to appearance, texture, seasoning, quality, consistency and ability to produce under time constraints will be reviewed. Mise en place, organization, coordination and ergonomics in the kitchen will be monitored and reviewed.

| Item# | Days     | Time                           | Location       | Date           | Delivery | Instructor | Fees   | Status                               | Note   |
|-------|----------|--------------------------------|----------------|----------------|----------|------------|--|--------------------------------------|--|
|       | WTh<br>M | 07:00A-01:30P<br>09:00A-10:00A | I107<br>ONLINE | Apr 6 - Jun 23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$17.28 Per Credit - CUL.ARTS/ STUDENT MEAL | Open 0 Enrolled / 45 Seats Available | Online portion of class meets via Zoom during time listed. |

CULINARY ARTS

**CUL 124 - FRY STATION - 3.0 credits**

Prepare crispy, golden brown and flavorful fried foods with appropriate ingredient selection, mise en place, costing and presentation of a la carte menu items. Ensure quality, timeliness, correct cooking procedures, attractive, appetizing garnishes and presentation. Prepare sauces that are appropriate to fried dishes. Emphasis is on consistency, ability to produce under time constraints, organization, coordination and ergonomics in the kitchen.

| Item# | Days     | Time                           | Location       | Date           | Delivery | Instructor | Fees   | Status                               | Note   |
|-------|----------|--------------------------------|----------------|----------------|----------|------------|--|--------------------------------------|--|
|       | WTh<br>M | 07:00A-01:30P<br>09:00A-10:00A | I107<br>ONLINE | Apr 6 - Jun 23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$17.28 Per Credit - CUL.ARTS/ STUDENT MEAL | Open 0 Enrolled / 45 Seats Available | Online portion of class meets via Zoom during time listed. |

CULINARY ARTS

**CUL 125 - SAUTE STATION - 3.0 credits**

Prepare a variety of sauteed foods with appropriate ingredient selection, mise en place, costing and presentation of a la carte menu items. Ensure quality, timeliness, correct cooking procedures, presentation and garnishing. Prepare classical and contemporary sauces compatible with sauteed dishes. Emphasis is on consistency, ability to produce under time constraints, organization, coordination, and ergonomics in the kitchen.

| Item# | Days     | Time                           | Location       | Date           | Delivery | Instructor | Fees   | Status                               | Note   |
|-------|----------|--------------------------------|----------------|----------------|----------|------------|--|--------------------------------------|--|
|       | WTh<br>M | 07:00A-01:30P<br>09:00A-10:00A | I107<br>ONLINE | Apr 6 - Jun 23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$17.28 Per Credit - CUL.ARTS/ STUDENT MEAL | Open 0 Enrolled / 45 Seats Available | Online portion of class meets via Zoom during time listed. |

CULINARY ARTS

**CUL 126 - BROILER STATION - 3.0 credits**

Prepare attractive and appetizing grilled/broiled foods with appropriate ingredient selection, mise en place, costing and presentation of a la carte menu items. Ensure quality, timeliness, correct cooking procedures, presentation. Prepare a la carte classical and contemporary sauces of consistency and compatibility with grilled dishes. Emphasis is on consistency, ability to produce under time restraints, organization, coordination, and ergonomics in the kitchen.

| Item# | Days     | Time          | Location       | Date    | Delivery | Instructor | Fees   | Status            | Note                              |
|-------|----------|---------------|----------------|---------|----------|------------|--|-------------------|-----------------------------------|
|       | WTh<br>M | 07:00A-01:30P | I107<br>ONLINE | Apr 6 - | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$17.28 Per Credit - CUL.ARTS/ STUDENT MEAL | Open 0 Enrolled / | Online portion of class meets via |

| Item# | Days | Time             | Location | Date      | Delivery | Instructor | Fees | Status                | Note                        |
|-------|------|------------------|----------|-----------|----------|------------|------|-----------------------|-----------------------------|
|       |      | 09:00A<br>10:00A |          | Jun<br>23 |          |            |      | 45 Seats<br>Available | Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 127 - LEAD LINE - 3.0 credits

Brigade system organization kitchen supervisor that develops leadership and teamwork on the line is completed. Responsible for production of all food on the restaurant line, demonstrate the ability to lead and ensure quality, timeliness, correct cooking procedures, attractive and appetizing presentations. Develop menu concepts, mise en place, costing and presentation of daily specials; emphasize consistency, time constraints, organization, and coordination between hot and cold lines, as well as front and back of the house staff.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 128 - PANTRY - 3.0 credits

Pantry kitchen is part of the a la carte kitchen line that creates special sandwiches-both hot and cold, specialty salads and cold food menu items. Seasonal menu development with costing and plate presentations is reviewed. Cold food preparation, holding for consistency, ability to produce under time constraints, organization, ergonomics in the kitchen, and coordination between hot and cold lines, as well as front and back of the house is covered.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 129 - ADVANCED TECHNIQUES - CAPSTONE - 3.0 credits

Demonstrate hot and cold preparation skills in the planning, costing, developing, and preparing of various menu and food displays. All menu dishes are graded on taste, appearance, cost effectiveness, feasibility, and overall customer appeal, as well as strict sanitation procedures. Menus include 1.) Composed cold platter to ACF standards and instructor's criteria. 2.) Hot food preparation of a 5-course menu with six portions is completed. 3.) Mystery basket challenge to ACF competition standards will be completed.

| Item# | Days     | Time                                  | Location       | Date                    | Delivery | Instructor | Fees   | Status  | Note  |
|-------|----------|---------------------------------------|----------------|-------------------------|----------|------------|--|---|---|
|       | WTh<br>M | 07:00A-<br>01:30P<br>09:00A<br>10:00A | I107<br>ONLINE | Apr<br>6 -<br>Jun<br>23 | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled /<br>45 Seats<br>Available | Online portion of<br>class meets via<br>Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 130 - SOUS CHEF - 3.0 credits

Students function as the direct kitchen supervisor, developing leadership and teamwork skills while responsible for all kitchen production. Emphasis is on daily assignments, production sheets, menu planning and product utilization. Hands-on food demonstrations to junior students and in coordination of station production are completed daily. The responsibility of overseeing all functions of production in the kitchen and special events is graded upon the instructor's criteria.

| Item# | Days     | Time              | Location       | Date       | Delivery | Instructor | Fees   | Status               | Note                                 |
|-------|----------|-------------------|----------------|------------|----------|------------|--|----------------------|--------------------------------------|
|       | WTh<br>M | 07:00A-<br>01:30P | I107<br>ONLINE | Apr<br>6 - | HYBRID   | PARKER T   | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$17.28 Per Credit -<br>CUL.ARTS/ STUDENT MEAL | Open 0<br>Enrolled / | Online portion of<br>class meets via |

| Item# | Days | Time             | Location | Date      | Delivery | Instructor | Fees | Status                | Note                        |
|-------|------|------------------|----------|-----------|----------|------------|------|-----------------------|-----------------------------|
|       |      | 09:00A<br>10:00A |          | Jun<br>23 |          |            |      | 45 Seats<br>Available | Zoom during time<br>listed. |

#### CULINARY ARTS

##### CUL 180 - INDUSTRY COMMUNICATIONS-HUMAN RELATIONS - 3.0 credits

This course provides the opportunity to learn the basic writing and oral communication skills for the culinary environment. Students author memos, cover letters, resumes, and written culinary directives. Oral presentations on the processes and training methods of food presentation are completed. Interviewing, conflict resolution, and team leadership are also addressed. Race relations, sexual harassment, stress management, problem-solving, team development, and leadership techniques are all discussed in this lecture-based course.

| Item# | Days | Time              | Location | Date                     | Delivery | Instructor | Fees  | Status                                  | Note  |
|-------|------|-------------------|----------|--------------------------|----------|------------|---|---|---|
|       | F    | 08:00A-<br>09:00A | ONLINE   | May<br>14 -<br>Jun<br>18 | ONLINE   | PARKER T   | \$12.00 Per Course -<br>ONLINE EARNING<br>FEE | Open 0 Enrolled /<br>45 Seats Available | Class meets via Zoom<br>during time listed. |

#### CULINARY ARTS

##### CUL 190 - COOPERATIVE/INTERNSHIP/WORK EXPERIENCE - 5.0 credits

This is an instructor approved paid or unpaid work experience related to the student's program of study. Punctuality, attendance, and meeting the employer's expectations are the keys to a student's success.

| Item# | Days     | Time        | Location | Date                    | Delivery | Instructor | Fees                                      | Status                                  | Note |
|-------|----------|-------------|----------|-------------------------|----------|------------|---|---|------|
|       | ARRANGED | ARR-<br>ARR | ONLINE   | Apr<br>6 -<br>Jun<br>23 | ONLINE   | PARKER T   | \$12.00 Per Course -ONLINE<br>EARNING FEE | Open 0 Enrolled / 45<br>Seats Available |      |

#### DENTAL ASSISTANT

##### DENT 103 - CLINICAL ASSISTING I - 4.0 credits

In this course of study, the student performs clinical procedures with dentists in the facility dental clinic and observes in multiple off-campus general and specialty dental offices. The student demonstrates clinical competence, including dental charting, taking alginate impressions, pouring study casts, and professional/safety/aseptic techniques and procedures. This course is taught at the in-depth level. PREREQUISITE(S): DENT 102 and DENT 112.

| Item# | Days | Time              | Location | Date                    | Delivery | Instructor | Fees   | Status                                     | Note |
|-------|------|-------------------|----------|-------------------------|----------|------------|--|--|------|
|       | MW   | 08:00A-<br>03:00P | B101     | Jun<br>7 -<br>Jun<br>23 | HYBRID   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ;<br>\$75.00 Per Course -CLIN PLCMT FEE 1-4<br>CR | Open 0 Enrolled<br>/ 22 Seats<br>Available |      |

#### DENTAL ASSISTANT

##### DENT 105 - EXPANDED FUNCTIONS - 2.0 credits

In this course of study, the student learns and practices expanded functions as allowed in the Washington State Dental Practice Act. The student practices these tasks in a laboratory setting while assisting dentists in the Renton Technical College Dental Clinic. Safety and aseptic techniques are evaluated.

| Item# | Days | Time              | Location | Date                    | Delivery             | Instructor      | Fees  | Status                                     | Note |
|-------|------|-------------------|----------|-------------------------|----------------------|-----------------|---|--|------|
|       | F    | 08:00A-<br>02:30P | B101     | Apr<br>9 -<br>May<br>21 | FACE-<br>TO-<br>FACE | BERRYSMITH<br>C | \$20.00 Per Credit -SUPPLY FEE \$20/CR<br>; \$15.00 Per Course -WEB ENH/HYB<br>EARN FEE | Open 0<br>Enrolled / 22<br>Seats Available |      |

#### DENTAL ASSISTANT

**DENT 112 - PRE-CLINICAL ASSISTING II - 3.0 credits**

In this course of study, the student acquires the appropriate skills to interact with patients, maintain the operating field, use and prepare dental instrument set-ups, transfer instruments, and perform other basic chairside procedures and demonstrate pre-clinical competence in the program facility. This course is taught at the in-depth level. PREREQUISITE(S): DENT 102.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TTh  | 08:00A-03:00P | B101     | Apr 6 - Apr 27 | HYBRID   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 113 - CLINICAL ASSISTING II & PRACTICUM - 7.0 credits**

In this course of study, the student performs advanced clinical procedures with dentists in the facility dental clinic and in an off-campus dental facility. The student also demonstrates clinical competency including dental charting, taking alginate impressions, pouring study casts and professional/safety/aseptic techniques and procedures. This course is taught at the in-depth level. PREREQUISITE(S): DENT 103.

| Item# | Days  | Time                        | Location        | Date           | Delivery | Instructor   | Fees   | Status                               | Note |
|-------|-------|-----------------------------|-----------------|----------------|----------|--------------|--|--------------------------------------|------|
|       | MW Th | 07:30A-03:00P<br>ARR<br>ARR | B101<br>OFFSITE | Apr 7 - Jun 10 | HYBRID   | BERRYSMITH C | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$100.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 114 - DENTAL MATERIALS II - 3.0 credits**

In this course of study, the student demonstrates the knowledge and skill involved in mixing dental materials. Students discuss the use/purpose, ratios, indications, contraindications and general information about each of the specified materials. This course is taught at the in-depth level. PREREQUISITE(S): DENT 104.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | TTh  | 08:00A-03:00P | B103     | Apr 29 - May 20 | HYBRID   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 134 - SPECIALTIES - 3.0 credits**

In this course of study, the student receives a thorough study of the dental specialties and related skills that are officially recognized by the American Dental Association. Explorations of new and emerging specialties are also studied. This course is taught at the in-depth level.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 138 - BUSINESS ADMINISTRATION - 2.0 credits**

In this course of study, the student gains experience in basic business administration procedures for the dental office, including the use of dental software and computers. The student practices these procedures while training in the Renton Technical College Dental Clinic. This course is taught at the familiarity level.



| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BERRYSMITH C | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 145 - DENTAL SCIENCES II - 3.0 credits**

A) Anatomy & Physiology: In this course of study, the student learns the functions and locations of the major body systems including the skeletal, nervous, endocrine, reproductive, muscular, respiratory, and skeletal systems. The student also learns body planes, directional terms, composition of bone, and types of joints. This segment is taught at the familiarity level. B) Oral Pathology: In this course of study, the student learns to define and identify types of oral lesions, warning signs, how to prevent, and prognosis of cancers, categories of diagnostic information, and to identify lesions. Students learn to describe conditions and disorders that affect the oral cavity. Students also learn to recognize abnormal conditions and identify pathological conditions, and how these conditions could affect the health of the patient. This segment is taught at the familiarity level. C) Pharmacology & Therapeutics: In this course of study, the student learns the principles of pharmacology, terminology related to drugs and drug use, and to identify the routes of administration. Students learn the classification of drugs, types of drugs, drug reference materials, and parts and use of prescriptions. Drug addictions including opioids and other substances will be discussed. This segment is taught at the familiarity level.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 151 - PREVENTIVE DENTISTRY & NUTRITION - 2.0 credits**

In this course of study, the student receives a thorough insight into preventive dentistry, the importance of good oral hygiene, how to promote preventive dentistry in the office, and procedures to control the patient's dental health. The student also obtains an understanding of nutrition as it relates to the patient's medical and dental health. Students give preventive oral hygiene instructions and nutrition counseling to patients based on the new USDA food pyramid. Preventive dentistry is taught at the in-depth level. Nutrition is taught at the familiarity level.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TTh  | 08:00A-03:00P | B103     | May 25 - Jun 3 | HYBRID   | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 154 - RADIOLOGY II - 2.0 credits**

This course provides information and practicum in placing, exposing, processing, mounting, and evaluating radiographs on manikins (DXTTR units). Student expose radiographs using the paralleling technique and take bitewings, periapical, occlusal and panoramic films in conventional and/or digital processes. Aseptic techniques and professionalism are evaluated. This course is taught at the in-depth level. PREREQUISITE(S): DENT 153.

| Item# | Days | Time                           | Location     | Date            | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|------|--------------------------------|--------------|-----------------|--------------|------------|---|--------------------------------------|------|
|       | F MW | 08:00A-03:00P<br>11:30A-03:00P | B103<br>B101 | Apr 30 - Jun 23 | FACE-TO-FACE | WILSON C   | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 155 - RADIOLOGY III - 2.0 credits**

This course provides information and practicum in placing, exposing, processing, mounting, and evaluating radiographs on patients. Students expose radiographs using the paralleling technique and take bitewings, periapical, occlusal and panoramic films in conventional and/or digital processes. Students are required to take patient films in the facility clinic before exposing them in the dental office. Aseptic techniques and professionalism are evaluated. This course is taught at the in-depth level. PREREQUISITE(S): DENT 154.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor   | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|--------------|---|--------------------------------------|------|
|       | MW   | 09:00A-12:00P | B101     | Apr 7 - May 26 | FACE-TO-FACE | BERRYSMITH C | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 191 - JOB SEEKING SKILLS - 1.0 credits**

In this course of study, students gain experience in writing a personal resume, filling out job applications, learning job search techniques and job interview techniques. Students also integrate information in order to achieve goals and gather information to participate effectively in a diverse society.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Jun 1 - Jun 23 | ONLINE   | BERRYSMITH C | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

DENTAL ASSISTANT

**DENT 192 - INTERNSHIP I - 2.0 credits**

In this course of study, the student initiates, prepares for and begins the first of two Internships. The student performs basic chairside procedures in a dental office. This may include expanded functions legal to perform by a Registered Dental Assistant in the State of Washington. PREREQUISITE(S): DENT 113.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Jun 8 - Jun 18 | HYBRID   | BERRYSMITH C | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$75.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 22 Seats Available |      |

E-LEARNING

**ELEA 104 - OER AND INFORMATION LITERACY - .0 credits**

This course covers how to find and evaluate information, Open Educational Resources, and understanding copyright law. 3 Continuing Education Units.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                 | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--------------------------------------|--------------------------------------|------|
| W004  | ARRANGED | ARR-ARR | ONLINE   | Apr 21 - Jun 2 | ONLINE   | CHEN Y     | \$175.00 Per Course -STU FUND-ELEARN | Open 0 Enrolled / 25 Seats Available |      |

E-LEARNING

**ELEA 105 - MEDIA CREATION AND FINAL PROJECT - .0 credits**

This class will focus on ways to make use of current technology tools, apps, and websites for your subject. Students will also create their own personalized videos for the flipped, hybrid or online class. The Culminating Project will be a completed online or hybrid class made available in the Canvas format. Each final project will reflect the main components of the certificate courses. The projects will be peer-reviewed. 3 Continuing Education Units.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                 | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--------------------------------------|--------------------------------------|------|
| W005  | ARRANGED | ARR-ARR | ONLINE   | Apr 21 - Jun 2 | ONLINE   | FALCONER E | \$175.00 Per Course -STU FUND-ELEARN | Open 0 Enrolled / 25 Seats Available |      |

E-LEARNING

**ELEA 111 - SHIFT: TEACHING ONLINE - .0 credits**

This self-paced course is for any educator developing and/or teaching an online course. You can work through the modules at your own pace, and you will receive feedback on the creation of your online presence plan from the Director of Innovative Teaching and Learning, Dr. Liz Falconer. Completion of the course brings you a Certificate of Completion from Renton Technical College, and meets Department of Education standards for teaching online. It is worth 10 clock hours. Renton Technical College is a certified OSPI clock hour provider.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|-------------------------------------|--------------------------------------|-------------------------------|
| W011  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FALCONER E | \$75.00 Per Course -STU FUND-ELEARN | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

E-LEARNING

**ELEA 112 - SHIFT: TEACHING HYBRID COURSES - .0 credits**

This self-paced course is for both current hybrid/blended learning instructors and those who are interested in learning more about the teaching of this format. You can work through the modules at your own pace, building a Hybrid Course Planner as you go. You will receive feedback on your completed Course Planner from the Director of Innovative Teaching and Learning, Dr. Liz Falconer, Quality Matters Master Reviewer. Completion of the course brings you a Certificate of Completion from Renton Technical College, and meets Department of Education standards for teaching online. It is worth 10 clock hours. Renton Technical College is a certified OSPI clock hour provider.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|-------------------------------------|--------------------------------------|-------------------------------|
| W012  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FALCONER E | \$75.00 Per Course -STU FUND-ELEARN | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

EARLY CHILDHOOD ED

**ECC 120 - CULTURE AND DIVERSITY - 3.0 credits**

Examine biases in our communities and explore how these biases affect young children and the development of positive self-esteem. Discuss techniques, principles, and methodology used in the Anti-Bias Curriculum, and recreate curriculum and environment to reflect culturally relevant and anti-bias principles.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STENSLIE K | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**ECC 185 - CURRICULUM DEVELOPMENT II - 5.0 credits**

Scaffold observational and planning skills to create curriculum that is culturally sensitive and inclusive, and that prepares children (0-8 years) for success in school.

| Item# | Days     | Time    | Location | Date    | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|---------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - | ONLINE   | WESTLING S | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

EARLY CHILDHOOD ED

**ECC 192 - PRACTICUM II - 4.0 credits**

Explore the foundations of child development and the relationship between children, families and the community. Apply skills in observation and assessment to prepare appropriate learning opportunities and measure language and literacy development. NOTE: The outcomes and competencies are based on the Washington State Core Competencies for Early Childhood Professionals.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | INGE H     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**ECC 193 - PRACTICUM III - 4.0 credits**

Explore the foundations of child development and identify the signs that might indicate a child has special needs. Apply skills in establishing a safe, healthy and effective learning environment, with appropriate materials and activities that supports all children. Investigate and reflect on what culture is, and how to create an anti-bias environment and approach to teaching children. NOTE: The outcomes and competencies are based on the Washington State Core Competencies for Early Care and Education Professionals.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | INGE H     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**ECC 202 - TECHNOLOGY FOR TEACHERS - 2.0 credits**

Designed to give students an introduction to the role and use of technology in Early Childhood and for personnel employed in child care programs. This course provides the basic components of keyboarding, office applications and communication, while taking into consideration culturally relevant/anti-bias practices. Students will demonstrate skills of being technologically literate (technology literacy is the ability to responsibly use appropriate technology to communicate, solve problems, and access, manage, integrate, evaluate and create information to improve learning).

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STAFF      | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**ECC 250 - EARLY CHILDHOOD CAPSTONE - 5.0 credits**

Students will have the opportunity to demonstrate developmentally appropriate plans/assessments, providing appropriate guidance techniques and using ethical/professional behaviors to design, implement and evaluate activities and environments for all children. Students will explore strategies for supporting/involving families; and modeling reflective and professional practices based on NAEYC standards and Washington State Core Competencies.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WESTLING S | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

## EARLY CHILDHOOD ED

**ECC 290 - PRACTICUM IV - IMPLEMENTING DAP - 5.0 credits**

In an early learning setting, students will apply best practices for engaging in nurturing relationships with children. The focus will be on keeping children healthy and safe while promoting growth and development.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | INGE H     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

## EARLY CHILDHOOD ED

**ECED&105 - INTRODUCTION TO EARLY CHILDHOOD EDUCATION - 5.0 credits**

Explore the foundations of early childhood education. Examine theories defining the field, issues, trends, best practices, and program models. Observe children, professionals and programs in action.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FAVRE B    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

## EARLY CHILDHOOD ED

**ECED&107 - HEALTH, SAFETY AND NUTRITION - 5.0 credits**

Introduction to implementation of equitable health, safety and nutrition standards for the growing child in group care. Focus on federal Child Care Block Grant funding (CCDF) requirements, WA state licensing and Head Start Performance standards. Develop skills necessary to keep children healthy and safe, report abuse and neglect, and connect families to community resources.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FAVRE B    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

## EARLY CHILDHOOD ED

**ECED&120 - PRACTICUM - NURTURING RELATIONSHIPS - 2.0 credits**

In an early learning setting, engage in establishing nurturing, supportive relationships with all children and professional peers. Focus on children's health & safety, promoting growth & development, and creating culturally responsive environment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | INGE H     | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

## EARLY CHILDHOOD ED

**ECED&160 - CURRICULUM DEVELOPMENT I - 5.0 credits**

Investigate learning theory, program planning, tools and methods for curriculum development promoting language, fine/gross motor, social-emotional, cognitive and creative skills and growth in children birth through age 8 utilizing developmentally appropriate and culturally responsive practice.

| Item# | Days     | Time    | Location | Date    | Delivery | Instructor | Fees                                    | Status                               | Note                             |
|-------|----------|---------|----------|---------|----------|------------|---|--------------------------------------|----------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - | ONLINE   | WESTLING S | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

EARLY CHILDHOOD ED

**ECED&180 - LANGUAGE AND LITERACY DEVELOPMENT - 3.0 credits**

Teaching strategies of language acquisition and literacy skills development are examined at each developmental stage (birth-age 8) through the four interrelated areas of speaking, listening, writing, and reading.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | STAFF      | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**EDUC&115 - CHILD DEVELOPMENT - 5.0 credits**

Build foundation for explaining how children develop in all domains, conception through early adolescence. Explore various developmental theories, methods for documenting growth, and impact of brain development. Topics addressed: stress, trauma, culture, race, gender identity, socioeconomic status, family status, language, and health issues.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FAVRE B    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

EARLY CHILDHOOD ED

**EDUC&130 - GUIDING BEHAVIOR - 3.0 credits**

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions, providing positive individual guidance, and enhancing group experiences.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FAVRE B    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

ECONOMICS

**ECON&201 - MICROECONOMICS - 5.0 credits**

Microeconomic concepts are applied to problems involving scarcity, choice, competition, and cost. Examines the basic principles and models of microeconomics and their application to contemporary issues and problems including production, allocation, supply and demand analysis, elasticity, consumer choice, market structures, antitrust and regulation, and public microeconomics. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
| N500  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | DEWITT C   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

ELECTRICAL-SUPPL

**ELECS115 - BASIC ELECTRICITY (PLANT & MACHINE MAINT-ELECT 1 - 7.0 credits**

Designed for plant and machine maintenance trainees. Basic electricity course covers the essential topics in AC circuits with emphasis on applications and troubleshooting. Instruction includes circuit and electrical theory. We will also have hands-on labs. Ladder and control circuits are also taught. Textbook, digital volt meter, and calculator are required.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|------|--------------------------------------|------|
| Q401  | MW   | 06:00P-10:00P | ONLINE   | Apr 7 - Jun 21 | ONLINE   | MEAKIN A   |      | Open 0 Enrolled / 60 Seats Available |      |

#### ELECTRICAL-SUPPL

##### ELECS116 - PLANT & MACHINE MAINTENANCE - ELECTRICAL II - 7.0 credits

This theoretical course is designed for plant and machine maintenance trainees. Basic theory and application areas include continuation of theory on DC and AC circuits and introduction to complex AC circuits. Other areas covered are basic laws and formulae, resistive, inductive, and capacitive loads and calculations, power and power factor, self and mutual inductance, transformers, batteries, AC and DC generator/alternators, AC and DC motors, control circuits, test instruments, circuit diagrams, pilot devices, single and three phase circuits, maintenance issues, and safety. Textbook is required. PREREQUISITE(S): ELECS 115 or instructor approval.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|------|--------------------------------------|------|
| Q402  | TTh  | 06:00P-10:00P | ONLINE   | Apr 6 - Jun 10 | ONLINE   | MEAKIN A   |      | Open 0 Enrolled / 60 Seats Available |      |

#### ENGINEER DESIGN TECH

##### DFT 101 - INTRODUCTION TO DRAFTING - 3.0 credits

This course is an introduction to the drafter's role in industry. Course topics include the fundamentals of sketching and manual drafting such as linework and lettering, scales, geometric construction, dimensional layout lead grades and the use of related drafting tools. The course also covers industry standards for document control and archival of information, with instruction on using computer technology.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | TTh  | 09:00A-10:50A | J303     | Apr 6 - Jun 23 | FACE-TO-FACE | BIELL M    | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

#### ENGINEER DESIGN TECH

##### DFT 113 - INTRODUCTION TO COMPUTER AIDED DESIGN - 5.0 credits

This course provides a thorough introduction to the applications and uses of AutoCAD in the industrial manufacturing environment. Students learn PC workstation components, configuration and command structure, pull down menus and special access commands, geometric construction, dimensioning, and drawing editing.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HORTMAN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | Optional Zoom sessions on Th 11:00am-1:00pm, with recordings provided on Canvas. Low-Cost Textbook (\$50 or less). |

#### ENGINEER DESIGN TECH

##### DFT 115 - STRUCTURAL DETAILING - 3.0 credits

Course content introduces the students to commercial grade construction practices. This class also focuses on rigid frame construction using heavy duty steel, wood laminates, and reinforced concrete wall and floor systems. PREREQUISITE(S): DFT 117 & 121, with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | MW   | 09:00A-10:50A | J303     | Apr 6 - Jun 23 | FLEX     | BIELL M    | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

#### ENGINEER DESIGN TECH

##### DFT 122 - WORKING WITH AS-BUILTS - 3.0 credits

This course introduces the concept of implementing design changes to the architect's original design intent. Students are exposed to the initial record from which future system changes and/or additions can be designed. Significant attention will be on changes made in the field and updating the drawing (Red line) record for future use of the building as it relates to operations and maintenance as well as safety and sustainability. PREREQUISITE(S): DFT 113 or DFTS 112, with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | F    | 09:00A-01:00P | J303     | Apr 6 - Jun 23 | HYBRID   | BIELL M    | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

ENGINEER DESIGN TECH

**DFT 124 - MATERIALS IN MANUFACTURING AND CONSTRUCTION - 2.0 credits**

In this course you will learn how commercial buildings are built: what methods and equipment are used as well as the various materials that are used in the commercial building construction process. You will see what materials and methods are good for which applications and see how manufacturing plays a huge role in building construction. You will know the ins and outs of building construction from the ground all the way up to the roofing finishes.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HORTMAN M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

ENGINEER DESIGN TECH

**DFT 128 - CIVIL DRAFTING - 5.0 credits**

This course acquaints students with the basics of site plan layout using AutoCAD, Revit, and Civil 3D. Students learn how to draft plan and profile, topographical maps, and other survey/civil drawings. PREREQUISITE(S): DFT 113, with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | MW   | 11:00A-01:00P | J303     | Apr 6 - Jun 23 | FLEX     | BIELL M    | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

ENGINEER DESIGN TECH

**DFT 154 - SOFTWARE APPLICATIONS FOR DRAFTING - 2.0 credits**

In this course, you will learn how simple programming interacts with engineering and design functions. Microsoft Excel is the most used application for creating and organizing metadata in engineering. We will learn Excel in depth and how to use it to solve relevant engineering problems.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HORTMAN M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | OER (no textbook to purchase) |

ENGINEER DESIGN TECH

**DFT 185 - JOB READINESS - 2.0 credits**

This course prepares students to seek and obtain employment by providing instruction in job search strategies, resume writing, interview skills, and career planning. Students are also instructed in employability traits such as work ethics, personal appearance and grooming, punctuality, and corporate citizenship.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BIELL M    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | OER (no textbook to purchase) |

ENGINEER DESIGN TECH



**DFT 206 - MECHANICAL DESIGN - 5.0 credits**

In this course, you will learn how to design mechanical assemblies using knowledge of machine elements, manufacturing processes, and parametric modeling. By the end of the course, you will have designed a fully functioning mechanical assembly and produced a data package for it. What you design will be based on your planned career pathway. PREREQUISITE(S): DFT 106 and DFT 213, with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | TTh  | 04:00P-07:00P | J304     | Apr 6 - Jun 23 | FLEX     | HORTMAN M  | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 22 Seats Available |      |

## ENGINEER DESIGN TECH

**DFT 215 - EMERGING DESIGN TECHNOLOGIES - 2.0 credits**

This course provides an introduction to the applications and uses of model-based definition (MBD), a product data documentation method becoming more and more common in the industrial manufacturing environment. Sheet Metal, Weldment, and Mold Design technologies are also introduced. Students learn the theory and guidelines for these emerging technologies and practice applying them to product designs.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HORTMAN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | OER (no textbook to purchase) |

## ENGINEER DESIGN TECH

**DFT 295 - ENGINEERING DESIGN TECHNOLOGY PRACTICUM - 3.0 credits**

This course will bring together everything you have learned thus far and act as a proof that you are ready to enter the engineering design industry. You will complete either a commercial building design or mechanical design project from start to finish. This will be an experience that instills confidence in what you have gained at RTC, and a proper send off into your career aspirations.

PREREQUISITE(S): DFT 106 or DFT 117, with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HORTMAN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available | OER (no textbook to purchase) |

## ENGLISH

**ENGL 085 - BUSINESS COMMUNICATION - 4.0 credits**

This course is designed to assist students in developing the skills necessary to write effective resumes, reports, memos, letters and other business communications. Students will engage in writing activities, use document templates and forms, and review the basics of oral and written communication in the business world.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | TTh  | 06:00P-09:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Test days will take place on Saturdays. |

## ENGLISH

**ENGL&101 - ENGLISH COMPOSITION I - 5.0 credits**

This college-level writing course develops a wide range of expository writing and critical-thinking skills, including audience awareness, persuasive purpose, independent editing, and resource and literacy analysis. Students incorporate composition ideas from primary experience and secondary sources. Students learn and demonstrate skills in integrating and documenting into their writing researched materials, according to an academically-recognized style, such as APA, Chicago, or MLA. Students revise drafts based on constructive comments offered by their peers and instructor. Upon successful completion of the course, students are able to write essays (of at least 1,000 words), demonstrating the conventions of standard written English. General education distribution

area: Communication. PREREQUISITE(S): Completion of COMP 100 with a 2.0 or higher, or recommended placement from the directed self-placement test.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|----------------------------------|
| G538  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HUDSPETH J | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |                                  |
| G142  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HIGGINS K  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |
| N414  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALSH S    | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |                                  |
| N416  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALSH S    | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |                                  |
| G158  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | WALSH S    | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase)    |
| G182  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HIGGINS K  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

#### ENGLISH

##### ENGL&102 - COMPOSITION II - 5.0 credits

This course helps students develop ideas to guide research, to gather information from the library, internet, experts and other sources, and to judge the quality of the information. They learn to use ideas from a large number of sources as evidence in essays and longer research papers. General education distribution area: Communication. PREREQUISITE(S): Completion of ENGL& 101 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|----------------------------------|
| N402  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HUDSPETH J | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |
| G316  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HUDSPETH J | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

#### ENGLISH

##### ENGL&235 - TECHNICAL WRITING - 5.0 credits

This course focuses on various aspects of professional and technical writing. Students study user guides, reports, proposals and other forms of business correspondence in order to successfully write for the workplace. General education distribution area: Communication. PREREQUISITE(S): Completion of ENGL& 101 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
| N484  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HIGGINS K  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

#### GEOLOGY

##### GEOL&101 - INTRODUCTION TO PHYSICAL GEOLOGY - 5.0 credits

Examines geologic processes that shape the Earth. Emphasis is placed on understanding the language and methods of science as applied to our changing planet. Students develop critical thinking skills and apply them to regional geology. Topics include earthquakes, volcanism, glaciers, rivers, and structure of the Earth. May include field trips. Includes laboratory. General education distribution area: Natural Science, with lab.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N456  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | LEWICKI M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### HISTORY

##### HIST 110 - SURVEY OF AMERICAN HISTORY - 5.0 credits

This survey course examines the creation and evolution of the United States beginning with the histories of pre-contact native peoples and continuing through the present time. Through the exploration of key figures, eras and events, students develop historical thinking skills, draw conclusions from competing and contradictory sources, and recognize the role of perspective in historical documentation. General education distribution area: Social Science or Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|-------------------------------|
| N482  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FOLDEN-SHORT | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

#### HUMANITIES

##### HUM& 101 - INTRODUCTION TO HUMANITIES - 5.0 credits

This course takes an interdisciplinary approach to the visual, performing and literary arts. Students explore cultural and political contexts, as well as aesthetics principles, of arts around the world. Emphasis is placed on discovery, analysis, and appreciation of diverse works from areas like the fine arts, theater, music, architecture, literature, philosophy, and/or religion. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|-------------------------------|
| N470  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MOHIBULLAH H | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

#### INDUSTRIAL FIRST AID

##### INDS 101 - FIRST AID/CPR & AED - 1.0 credits

This course teaches students to effectively recognize and treat in the critical minutes until Emergency Medical Services (EMS) arrive. Includes general principles of first aid, medical emergencies, injury emergencies, environmental emergencies, blood borne pathogens and safety precautions. Upon completion of written exam and skills evaluation, an AHA card issued. This course is approved by OSHA, WISHA (Labor and Industries).

| Item# | Days     | Time    | Location | Date    | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|---------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - | ONLINE   | TAKATA W   | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 22 Seats Available |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

LEGAL ASSISTANT

**LGL 105 - LEGAL KEYBOARDING - 1.0 credits**

This course prepares students to use computers in a legal setting by improving existing keyboarding skills through extensive, focused practice at a computer keyboard. Speed with accuracy is emphasized and applied to standard business documents.

PREREQUISITE(S): Ability to type 30 wpm (tested on first day of class).

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

LEGAL ASSISTANT

**LGL 113 - BUSINESS LAW PROCEDURES - 5.0 credits**

Students learn about the forms and key elements of business organizations. Students prepare corporate documents with an emphasis on grammar, proofreading, and writing skills. Students also focus on real estate transactions and civil property issues, including drafting real estate transfer documents, and will learn about bankruptcy procedure.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | TTh  | 06:00P-09:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Test days will take place on Saturdays. |

LEGAL ASSISTANT

**LGL 127 - OFFICE APPLICATIONS I - 4.0 credits**

Students will learn concepts of basic computerized presentation preparation. Students will prepare, edit, and format text adding graphics, tables, charts, animation and transition, and hyperlinks on slides to enhance visible appeal. Students will work with Adobe Pro.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | TTh  | 06:00P-09:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available | Class meets via Zoom during time listed. Test days will take place on Saturdays. |

LEGAL ASSISTANT

**LGL 128 - OFFICE APPLICATIONS II - 4.0 credits**

Students will learn concepts of basic spreadsheet applications including inserting formulas in a worksheet, formatting and enhancing a worksheet, moving and maintaining a workbook, creating charts and inserting formulas, and adding visual interest to workbooks.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

LEGAL ASSISTANT

**LGL 199 - FIELD EXPERIENCE - 5.0 credits**

Students who are qualified shall participate in a paid or unpaid internship or field experience. Students may gain on-the-job experience by applying directly to law firms, government agencies, legal aid organizations, etc. and then working or volunteering part-time. Students may receive credit for work appropriate to their training.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HAWKINS C  | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

MACHINING TECH

**MTEC 100 - MACHINING ESSENTIALS - 7.0 credits**

This is a preparatory course for the Machining Technologies or Precision Machining Technologies programs. Topics include shop safety; quality; mechanical aptitude; materials; blueprint reading; precision measurement; and an introduction to machinery as applied to real-world manufacturing. This course includes CPR & First Aid certifications. It also explores occupations and related training options available in the Puget Sound Aerospace & Manufacturing sectors.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor        | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|-------------------|---|--------------------------------------|------|
|       | MTW  | 08:00A-10:30A | F107     | Apr 6 - Jun 23 | HYBRID   | BUCK S PHILLIPS V | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 101 - MACHINE TECHNOLOGY I - 2.0 credits**

This is an introductory manufacturing theory course taught in conjunction with MTEC 121, Machining Fundamentals - Lathe & Mill. The principles and techniques of measurement, cutting tool theory, saw operation, shop safety, and manual lathe and mill set-up and operation are covered. PREREQUISITE(S): Completion of MTEC 100 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 103 - MACHINE TECHNOLOGY II - 2.0 credits**

This is the second manufacturing theory course. The principles and techniques of mill set-up and operation and surface and O.D. grinding are covered. PREREQUISITE(S): Completion of MTEC 101 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 105 - MACHINE TECHNOLOGY III - 2.0 credits**

This is the third manufacturing theory course. This class covers precision grinding and non-traditional machining methods. PREREQUISITE(S): Completion of MTEC 101 and MTEC 103 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | KIMANI B   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 111 - BLUEPRINT READING I - 2.0 credits**

This is the first course on the fundamentals of creating and interpreting blueprints and/or engineering drawings. This first course includes basic concepts such as line types, orthographic projection, dimensions, and tolerances.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 113 - BLUEPRINT READING II - 2.0 credits**

This is the second course on the fundamentals of creating and interpreting blueprints and/or engineering drawings. In this course, students apply proper conventions and interpret more advanced drawing layout and specifications. PREREQUISITE(S): Completion of MTEC 111 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 121 - MACHINING FUNDAMENTALS-LATHE AND MILL - 8.0 credits**

This is an introductory machine shop class utilizing conventional lathes and mills in a fully equipped manufacturing facility. Skills taught and practiced include inside and outside turning, knurling, parting, drilling, boring, milling, and calculating speeds and feeds. PREREQUISITE(S): Completion of MTEC 100 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor   | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|--------------|---|--------------------------------------|------|
|       | ThF  | 08:00A-02:30P | F104     | Apr 6 - Jun 23 | FACE-TO-FACE | SCHOENMAKERS | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 140 - GEOMETRIC DIMENSIONING AND TOLERANCING I - 2.0 credits**

This is the first course in a two-course series that deals with basic geometric dimensioning and tolerancing (GD&T) methods as interpreted in American Society of Mechanical Engineers (ASME) Y14.5M. Students learn to read and understand geometric tolerancing symbols and terms.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | KIMANI B   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 141 - GEOMETRIC DIMENSIONING AND TOLERANCING II - 4.0 credits**

This is the second course in a two-course series that deals with basic geometric dimensioning and tolerancing (GD&T) methods as interpreted in American Society of Mechanical Engineers (ASME) Y14.5M. In this second course, students learn to read and understand more advanced geometric tolerancing symbols and terms. PREREQUISITE(S): Completion of MTEC 140 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | KIMANI B   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 161 - MATH FOR MANUFACTURING - 4.0 credits**

In this course, students develop basic math skills that are the foundation for calculations and problem solving in the manufacturing industry. Topics include fractions, decimals, metric conversions, tolerances, and an introduction to basic geometry, angular measure, and dimensional analysis. Mathematics as a form of communication is emphasized.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 171 - COMMUNICATIONS I - 1.0 credits**

This is the first course in a three-course series in which students develop effective communication skills for job search and the workplace. This first course emphasizes basic communication skills (reading, writing, listening and speaking) as applied to manufacturing topics.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 172 - COMMUNICATIONS II - 1.0 credits**

This is the second course in a three-course series in which students develop effective communication skills for the workplace. Students research, write, and present technical reports. They practice daily interpersonal communication skills through formal and informal oral presentations to the class and instructors. They take responsibility for their own learning by actively using various resources to improve their communication skills. PREREQUISITE(S): Completion of MTEC 171 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 173 - COMMUNICATIONS III - 1.0 credits**

This is the third course in a three-course series in which students develop effective communication skills for job search and the workplace. Students research, write, and present technical reports, and they develop resumes and other job search documents. They practice daily interpersonal communication skills through formal and informal oral presentations to the class and instructors. They take responsibility for their own learning by actively using various resources to improve their communication skills. PREREQUISITE(S): Completion of MTEC 172 with a 2.0 or higher.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SCHOENMAKERS | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 185 - HUMAN RELATIONS - 2.0 credits**

This course emphasizes the importance of working in a team environment and the interpersonal skills required to solve problems. The course familiarizes the student with business and personal ethics, conflict resolution skills, sexual harassment preventive strategies, and meeting employer expectations in a culturally diverse workplace.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 231 - CNC MILL SETUP & OPERATION - 8.0 credits**

This is an introductory course in the set-up and operation of CNC mills. Using offsets, speeds, and feeds are strongly emphasized. General G&M codes are introduced for HAAS and FANUC controls.

| Item# | Days   | Time                           | Location     | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|--------|--------------------------------|--------------|----------------|----------|------------|---|--------------------------------------|------|
|       | M<br>W | 08:00A-03:00P<br>08:00A-11:00A | F104<br>F104 | Apr 6 - Jun 23 | HYBRID   | KIMANI B   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 232 - CNC LATHE SETUP & OPERATION - 8.0 credits**

This is an introductory course in the set-up and operation of CNC lathes. Using offsets, speeds, and feeds are strongly emphasized. General G&M codes are introduced for HAAS and FANUC controls.

| Item# | Days   | Time                           | Location     | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|--------|--------------------------------|--------------|----------------|----------|------------|---|--------------------------------------|------|
|       | T<br>W | 08:00A-03:00P<br>12:00P-03:00P | F104<br>F104 | Apr 6 - Jun 23 | HYBRID   | KIMANI B   | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH

**MTEC 236 - MACHINING PROJECTS - 8.0 credits**

This is a project-based manufacturing lab class in which students apply knowledge and skills from the Machine Technology courses. PREREQUISITE(S): Completion of MTEC 121, MTEC 231, and MTEC 232 with a 2.0 or higher.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor   | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|--------------|---|--------------------------------------|------|
|       | WF   | 08:00A-02:30P | F104     | Apr 6 - Jun 23 | FACE-TO-FACE | SCHOENMAKERS | \$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 20 Seats Available |      |

MACHINING TECH-SUPPL

**MTECS182 - MACHINING/MILLING - 5.0 credits**

This course is for individuals who have had previous experience or have completed Machining/Lathe and emphasizes advanced shop practices, basic machine and hand tool operation, and the use of industrial milling and grinding machinery. ALL STUDENTS ARE REQUIRED TO HAVE SAFETY GLASSES AND LEATHER SHOES.

| Item# | Days | Time          | Location | Date            | Delivery     | Instructor | Fees                              | Status                               | Note |
|-------|------|---------------|----------|-----------------|--------------|------------|-----------------------------------|--------------------------------------|------|
| K306  | Sa   | 08:00A-04:30P | F112     | Apr 10 - Jun 19 | FACE-TO-FACE | BUCK S     | \$599.00 Per Course -STU FUND-T&I | Open 0 Enrolled / 12 Seats Available |      |

MAJOR APPL/REF TECH

**MART 237 - COMMERCIAL REFRIGERATION - 5.0 credits**



This course provides necessary skills and troubleshooting knowledge to successfully diagnose, repair and prevent reoccurrence of a wide variety of split system display commercial refrigeration problems. Emphasis is on electrical skills, techniques, and sealed system servicing.

| Item# | Days         | Time                              | Location      | Date                    | Delivery             | Instructor  | Fees  | Status                                     | Note |
|-------|--------------|-----------------------------------|---------------|-------------------------|----------------------|-------------|---|--|------|
|       | MTTh<br>MTTh | 08:00A-04:30P<br>08:00A<br>04:30P | E405<br>E401A | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | VIKHNOVSKIY | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$15.00 Per Course -WEB<br>ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 40<br>Seats Available |      |

MAJOR APPL/REF TECH

**MART 238 - HVAC SYSTEM AND CONTROLS - 3.0 credits**

This course provides the necessary knowledge to diagnose and repair light commercial AC, heat pumps, and the related control systems found air conditioning.

| Item# | Days         | Time                              | Location      | Date                    | Delivery             | Instructor  | Fees  | Status                                     | Note |
|-------|--------------|-----------------------------------|---------------|-------------------------|----------------------|-------------|---|--|------|
|       | MTTh<br>MTTh | 08:00A-04:30P<br>08:00A<br>04:30P | E405<br>E401A | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | VIKHNOVSKIY | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$15.00 Per Course -WEB<br>ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 40<br>Seats Available |      |

MAJOR APPL/REF TECH

**MART 245 - COMMERCIAL ICE MACHINES - 2.0 credits**

This course provides necessary skills and troubleshooting knowledge to successfully diagnose, repair and prevent reoccurrence of a wide variety of commercial ice machine problems as well as cleaning and sanitization.

| Item# | Days         | Time                              | Location      | Date                    | Delivery             | Instructor  | Fees  | Status                                     | Note |
|-------|--------------|-----------------------------------|---------------|-------------------------|----------------------|-------------|---|--|------|
|       | MTTh<br>MTTh | 08:00A-04:30P<br>08:00A<br>04:30P | E405<br>E401A | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | VIKHNOVSKIY | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$15.00 Per Course -WEB<br>ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 40<br>Seats Available |      |

MAJOR APPL/REF TECH

**MART 251 - LIGHT COMMERCIAL REFRIGERATION SERVICE I - 6.0 credits**

This course provides necessary skills and troubleshooting knowledge to successfully diagnose, repair and prevent reoccurrence of a wide variety of reach-in/free-standing commercial refrigeration problems. Emphasis is on electrical skills, techniques, and sealed system servicing.

| Item# | Days         | Time                              | Location      | Date                    | Delivery             | Instructor  | Fees  | Status                                     | Note |
|-------|--------------|-----------------------------------|---------------|-------------------------|----------------------|-------------|---|--|------|
|       | MTTh<br>MTTh | 08:00A-04:30P<br>08:00A<br>04:30P | E405<br>E401A | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | VIKHNOVSKIY | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$15.00 Per Course -WEB<br>ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 40<br>Seats Available |      |

MAJOR APPL/REF TECH

**MART 252 - LIGHT COMMERCIAL REFRIGERATION SERVICE II - 6.0 credits**

This course provides necessary skills and troubleshooting knowledge to successfully diagnose, repair and prevent reoccurrence of a wide variety of walk-in commercial refrigeration problems. Emphasis is on electrical skills, techniques, and sealed system servicing.

| Item# | Days         | Time                              | Location      | Date                    | Delivery             | Instructor  | Fees  | Status                                     | Note |
|-------|--------------|-----------------------------------|---------------|-------------------------|----------------------|-------------|---|--|------|
|       | MTTh<br>MTTh | 08:00A-04:30P<br>08:00A<br>04:30P | E405<br>E401A | Apr<br>6 -<br>Jun<br>23 | FACE-<br>TO-<br>FACE | VIKHNOVSKIY | \$10.00 Per Credit -SUPPLY FEE<br>\$10/CR ; \$15.00 Per Course -WEB<br>ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 40<br>Seats Available |      |

MASSAGE THERAPY

**MAST 124 - PATHOLOGY III - 3.0 credits**

In this course, students receive a thorough introduction to human disease, with focus on contraindications, indications, and treatment guidelines for pathologies of the central nervous system, respiratory system, circulatory system and digestive system.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

## MASSAGE THERAPY

**MAST 126 - INJURY EVALUATION AND TREATMENT II - 3.0 credits**

In this course, students gain experience in the assessment of various conditions and the development of treatment plans that result in positive outcomes. The results of postural assessment, range of motion testing, and palpation inform the student's critical thinking skills that are necessary to decide which treatment techniques to use in different stages of healing. Students complete a case study that incorporates documentation and reinforces the importance of evidence based practices.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

## MASSAGE THERAPY

**MAST 127 - FIRST AID/CPR AND SAFETY - 2.0 credits**

This course covers one- and two-person adult, child and infant CPR. Students practice caring for persons with foreign body airway obstruction (FBAO), pocket mask, bag valve mask, personal barriers techniques and use of Automated External Defibrillator (AED). The course teaches to effectively recognize and treat in critical minutes until Emergency Medical Services (EMS) arrive. Topics include: general first aid principles, medical emergencies, injury, environmental emergencies, and blood borne pathogens. This course is approved by OSHA, WISHA (Labor and Industries) for healthcare providers. An AHA card is issued upon successful completion of a written exam and skills evaluation.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

## MASSAGE THERAPY

**MAST 151 - MASSAGE LICENSING PREPARATION - 4.0 credits**

In this course students learn the requirements and steps necessary to become a licensed massage therapist in Washington State. During the course students review a comprehensive massage curriculum by completing timed practice exams and tutorials online. Students are prepared to take the exams required to become licensed massage practitioners. Students complete the Washington State Department of Health application in class and gather all the required documentation needed for licensure. In the last week of class, students have the option of mailing in their completed applications to the Department of Health.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

## MASSAGE THERAPY

**MAST 174 - MASSAGE EMPLOYMENT II - 2.0 credits**

This course will help students prepare for a successful hiring and negotiation process as an employee or independent contractor. In this course, students will research massage job opportunities. Students will write and refine resumes and cover letters geared towards different massage settings. Students will practice massage interview skills and other skills which are helpful in securing and

maintaining employment, like contract negotiation. Responsibilities of independent contractors will be introduced, such as filing taxes. Students gain understanding of the Safety and Health Core Rules (WAC 296-800) used by most employers in Washington State. Students who are interested in starting a private practice will receive guidance on an independent business start-up project.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### MESSAGE THERAPY

##### MAST 207 - MASSAGE BUSINESS START-UP II - 3.0 credits

In this course students will complete a business plan and learn how to effectively market their massage business. Students will develop company policies and procedures. Students will learn financial recordkeeping strategies. The course will introduce massage business income, expenses, deductions and taxes.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | F    | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### MESSAGE THERAPY

##### MAST 209 - INTEGRATIVE MASSAGE - 3.0 credits

This course will provide opportunities to do focused treatment work with specific areas and seamlessly integrate diverse modalities. Strategic approaches will vary depending on the stage of healing, assessment findings and goals. Students will develop effective treatment plans to work with diverse client populations and medical needs.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 10:00A-02:30P | B102     | Apr 6 - Jun 23 | HYBRID   | SKOCZEN Z  | \$20.00 Per Credit -SUPPLY FEE \$20/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### MATHEMATICS

##### MATH 092 - DESCRIPTIVE STATISTICS WITH ALGEBRA II - 5.0 credits

This course provides an introduction to statistics and algebra for non-STEM majors and is based on the Statway<sup>™</sup> curriculum for teaching statistics with integrated algebra. This is the first quarter of two in the STATWAY sequence. This course covers concepts and methods of statistics with an emphasis on data analysis. Topics for this course include: exponential functions, solving linear equations, probability and introduction to logarithms. Application problems will be taken from numerous fields. This sequence is recommended for students with majors that require no mathematics beyond freshman-level statistics. Completion of the MATH 092 and MATH 136 sequence is equivalent to finishing a college level statistics course (such as MATH&146).

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| G268  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | COOKSEY M  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### MATHEMATICS

##### MATH 095 - INTERMEDIATE ALGEBRA - 5.0 credits

This course covers the following topics: review of selected elementary algebra topics; absolute value equations and inequalities; factoring polynomials; rational expressions; solving rational equations; rational exponents and radicals; quadratic equations and complex numbers; functions and their graphs; inverse functions; exponential and logarithmic functions; properties of logarithms; solving polynomial, quadratic-form and radical equations. This class is taught either in traditional lecture mode or through individually tailored, interactive computer instruction that provides the student's primary method of learning, with the instructor

available to assist students on an individual basis during the class period. PREREQUISITE(S): Completion of MATH 085 or AMATH 185 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N424  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROTH A     | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### MATHEMATICS

##### MATH&107 - MATH IN SOCIETY - 5.0 credits

This college level course provides a mathematical perspective of contemporary issues. The course is designed for students who do not intend to continue in mathematics or science. Topics vary but may include areas of finance, statistics, data analysis, logic and applications relevant to humanities, social sciences and education. Content emphasis is on problem solving and quantitative reasoning. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH 095, AMATH 190, or AMATH 195 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| N408  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on M 1:00pm-4:00pm, with recordings provided on Canvas. |

#### MATHEMATICS

##### MATH&141 - PRECALCULUS I - 5.0 credits

Elementary functions, their graphs and transformations of their graphs, with applications to mathematical modeling. Examples include linear, quadratic, polynomial, rational, exponential, logarithmic, composite functions, and inverse functions. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH 095, AMATH 193, or AMATH 195 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| N466  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROTH A     | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |  |
| G186  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

#### MATHEMATICS

##### MATH&142 - PRECALCULUS II - 5.0 credits

Trigonometric and inverse trigonometric functions, their graphs and transformations of their graphs, with applications to mathematical modeling. Solving trigonometric equations, the derivation and use of trigonometric identities. Polar coordinates and parametric equations, with applications to mathematical modeling. Conic sections, with applications to mathematical modeling. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH& 141 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                        | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|-----------------------------|--------------------------------------|--|
| G196  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

| Item# | Days | Time | Location | Date | Delivery | Instructor | Fees          | Status | Note |
|-------|------|------|----------|------|----------|------------|---------------|--------|------|
|       |      |      |          |      |          |            | ELEARNING FEE |        |      |

MATHEMATICS

**MATH&146 - INTRODUCTION TO STATISTICS - 5.0 credits**

This course is an introduction to statistics and how it may be applied in the analysis of numerical data. It includes the following topics: structure of data sets, central tendency, dispersion, means, standard deviation, correlation, and regression, binomial and normal probability distributions, sampling methods, confidence intervals and hypothesis testing. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH 095, AMATH 190, or AMATH 195 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|----------------------------------|
| N426  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | COOKSEY M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Low-Cost Textbook (\$50 or less) |
| G248  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROTH A     | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |                                  |
| G262  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | COOKSEY M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available | Low-Cost Textbook (\$50 or less) |

MATHEMATICS

**MATH&148 - BUSINESS CALCULUS - 5.0 credits**

Introduction to Differential and Integral Calculus of elementary functions with emphasis on business applications and its use in optimization. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH& 141 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G198  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

MATHEMATICS

**MATH&151 - CALCULUS I - 5.0 credits**

Differential calculus. The definition and interpretation of the derivative, with applications to mathematical modeling. Derivatives of algebraic and transcendental functions. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH& 142 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G200  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

MATHEMATICS

**MATH&152 - CALCULUS II - 5.0 credits**

Integral calculus. The definition, interpretation and application of the definite integral. The Fundamental Theorem of Calculus, techniques of integration and definite integrals involving parametrically described curves. Introduction to differential equations. This class is taught either in traditional lecture mode or through individually tailored interactive computer instruction that provides the student's primary method of learning, with the instructor available to assist students on an individual basis during the class period. General education distribution area: Quantitative / Symbolic Reasoning. PREREQUISITE(S): Completion of MATH& 151 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G201  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

#### MATHEMATICS

##### MATH&163 - CALCULUS III - 5.0 credits

This third course in the calculus sequence covers vectors, series, and multivariable functions, as well as partial derivatives and differentiation. PREREQUISITE(S): Completion of MATH& 152 with a 2.0 or higher or equivalent course.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| G226  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ST JOHN M  | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Optional Zoom sessions on TTh 1:00pm-3:00pm, with recordings provided on Canvas. |

#### MECHATRONICS

##### MEC 102 - INDUSTRIAL DIRECT CURRENT - 3.0 credits

This course provides the student with necessary knowledge and skills in the understanding of the Electron and D-C Theory and electrical circuits as they relate to the mechatronics field.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|-------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | AL-KINANI H | \$12.00 Per Course -ONLINE EARNING FEE | Open 2 Enrolled / 18 Seats Available |      |

#### MECHATRONICS

##### MEC 103 - INDUSTRIAL ALTERNATING CURRENT - 3.0 credits

This course covers alternating current and the electrical circuits as they relate to the mechatronics field.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|-------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | AL-KINANI H | \$12.00 Per Course -ONLINE EARNING FEE | Open 2 Enrolled / 18 Seats Available |      |

#### MECHATRONICS

##### MEC 111 - PROGRAMMABLE LOGIC CONTROLS I - 4.0 credits

Introduction to programmable logic controllers for industrial control and direct digital controls for industrial automation.

Participants will gain an understanding of terminology, components, programming, interfacing and operation of PLC controls, and be introduced to DDC components, functions, and operation in building automation and energy management. Students will learn systems to study software programming, architectures, ladder logic, I/O modules, basic numbering systems, computer terminology, and industrial communication.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|-------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | AL-KINANI H | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 18 Seats Available |      |

MECHATRONICS

**MEC 201 - COMPUTER FUNDAMENTALS AND LAB - 2.0 credits**

This course provides an introduction to the hardware, operating systems and application programs used by individuals working in the industrial and commercial maintenance fields.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HANSON G   | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 18 Seats Available |      |

MECHATRONICS

**MEC 203 - ROBOTICS-MECHATRONICS - 5.0 credits**

This course is designed to teach programming, interface and material handling, design, quality control, and production control using robotics. These skills will transfer into integrated technologies across a balance of areas, including mechanical, electrical, electronics, fluid power, and machine programming. The ability to integrate industrial robots into a control process creates great training opportunities for students.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor  | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|-------------|---|--------------------------------------|------|
|       | W    | 09:00A-12:00P | J206     | Apr 6 - Jun 23 | HYBRID   | AL-KINANI H | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 18 Seats Available |      |

MEDICAL ASSISTANT

**MEDA 102 - BLS PROVIDER CPR/AED - 1.0 credits**

This course covers one- and two-person, adult, child and infant CPR. Students practice caring for a person with foreign body airway obstruction (FBAO), personal barrier techniques and use of Automated External Defibrillator (AED). The course teaches to effectively recognize and treat in critical minutes until Emergency Medical Services (EMS) arrive. Topics include: general first aid principles, medical, injury, and environmental emergencies. This course is approved by OSHA, WISHA (Labor and Industries) for healthcare providers. An AHA card will be issued upon the successful completion of a written exam and skills evaluation.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | B202     | Apr 6 - Jun 23 | HYBRID   | STAFF      | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 28 Seats Available |      |

MEDICAL ASSISTANT

**MEDA 108 - ANATOMY AND PHYSIOLOGY I - 4.0 credits**

This is the first of a two-course sequence. The course will provide an overview of the relationships between the structures and functions of the human body. It will also cover the interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Topics include cell structure and function, tissues, body organization, homeostasis, and the following systems: the integumentary, skeletal, muscular, and nervous. Students can substitute BIOL& 241 for MEDA 108.

| Item# | Days | Time          | Location | Date    | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|---------|----------|------------|---|--------------------------------------|------|
|       | WTh  | 09:00A-10:00A | B109     | Apr 6 - | HYBRID   | HOFFMAN L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB EARN FEE | Open 0 Enrolled / 28 Seats Available |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

MEDICAL ASSISTANT

**MEDA 109 - ANATOMY AND PHYSIOLOGY II - 4.0 credits**

This is the second of a two-course sequence. The course will provide an overview of the relationships between the structures and functions of the human body. It will also cover the interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. Topics include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Students can substitute BIOL& 242 for MEDA 109.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | MW   | 08:00A-09:00A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROBINSON J | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$12.00 Per Course - ONLINE EARNING FEE    | Open 0 Enrolled / 28 Seats Available | Class meets via Zoom during time listed. |
|       | MW   | 05:00P-06:00P | B109     | Apr 6 - Jun 23 | HYBRID   | WILSON C   | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available |  |

MEDICAL ASSISTANT

**MEDA 121 - ADMINISTRATIVE MEDICAL PROCEDURES - 4.0 credits**

This course focuses on the skills necessary for working in the medical front office including communication, customer service, basic computer skills, and basic administrative duties. Students will practice using an Electronic Medical Record (EMR) and office software to perform these tasks with an emphasis on professional communications, documentation, scope of practice and confidentiality. Emphasis will be on verbal and non-verbal communication, patient interviewing techniques, patient education and cultural sensitivity.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | W    | 10:00A-12:00P | B109     | Apr 6 - Jun 23 | HYBRID   | HOFFMAN L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available |      |

MEDICAL ASSISTANT

**MEDA 122 - INTRODUCTION TO MEDICAL INSURANCE AND CODING - 5.0 credits**

This course introduces accurate billing procedures in the medical office and medical coding procedures used to obtain reimbursement for medical procedures or services. Billing topics include different types of health insurance, and preparation of insurance claim form, applying third party payer guidelines and collection procedures. Coding topics will include the proper application of CPT, ICD-10-CM and HCPCS coding.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | MW   | 09:00A-10:30A | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROBINSON J | \$12.00 Per Course -ONLINE EARNING FEE  | Open 0 Enrolled / 28 Seats Available | Class meets via Zoom during time listed. |
|       | MW   | 06:00P-07:30P | B109     | Apr 6 - Jun 23 | HYBRID   | WILSON C   | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available |  |

MEDICAL ASSISTANT



**MEDA 126 - CLINICAL PROCEDURES I - 6.0 credits**

An introduction to laboratory practices, specimen collection and processing, urinalysis, venipuncture, hematology, chemistry, immunology, medical microbiology, and CLIA-waived tests. Students practice lab procedures in the context of assisting providers, physician orders, patient education and prep, and protocols. Students will practice identifying nonverbal communication, overcoming communication barriers when interacting with patients of different language backgrounds, and use feedback techniques to obtain patient information and properly coach patients.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | TTh  | 10:00A-02:30P | B109     | Apr 6 - Jun 23 | HYBRID   | HOFFMAN L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available |      |

**MEDICAL ASSISTANT****MEDA 127 - CLINICAL PROCEDURES II - 6.0 credits**

Introduces clinical exams and procedures related to cardio pulmonology, sterilization, female and male reproductive systems, pediatrics and minor office surgeries. Students will continue to hone in on the skills learned in prior clinical procedures classes.

| Item# | Days  | Time                           | Location     | Date           | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|-------|--------------------------------|--------------|----------------|--------------|------------|--|--------------------------------------|------|
|       | Th Sa | 05:30P-08:30P<br>08:00A-01:00P | B109<br>B109 | Apr 6 - Jun 23 | FACE-TO-FACE | WILSON C   | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$120.00 Per Quarter -MED ASST AMT TEST FEE | Open 0 Enrolled / 28 Seats Available |      |
|       | TTh   | 08:00A-12:00P                  | B125         | Apr 6 - Jun 23 | FACE-TO-FACE | ROBINSON J | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$120.00 Per Quarter -MED ASST AMT TEST FEE | Open 0 Enrolled / 28 Seats Available |      |

**MEDICAL ASSISTANT****MEDA 132 - INTRO TO DISEASE PREVENTION AND HEALTH PROMOTION - 3.0 credits**

This course provides an overview of public health and epidemiology. This course uses a public health perspective that views the health of a population as influenced by social, cultural, behavioral, biological, environmental, and economic factors. The principles and methods of epidemiologic investigation and epidemiology and the role in public health are covered in this course.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note                          |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|-------------------------------|
|       | W    | 12:30P-02:00P | B109     | Apr 6 - Jun 23 | HYBRID   | HOFFMAN L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available | OER (no textbook to purchase) |

**MEDICAL ASSISTANT****MEDA 133 - HUMAN HEALTH, DISEASE AND TREATMENT - 3.0 credits**

This course explores the impact and burden of chronic diseases and mental health. Students explore the causes, signs, and symptoms of non-communicable diseases as well as the diagnostic procedures, usual treatment, prognosis, and prevention of diseases commonly diagnosed and treated in the medical office setting.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|---|
|       | MW   | 07:30P-08:30P | B109     | Apr 6 - Jun 23 | HYBRID   | WILSON C   | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available | OER (no textbook to purchase)   |
|       | M    | 10:30A-12:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROBINSON J | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE   | Open 0 Enrolled / 28 Seats Available | Class meets via Zoom during time listed. OER (no textbook to purchase). |

MEDICAL ASSISTANT

**MEDA 150 - MEDICAL LAW AND ETHICS - 2.0 credits**

Caring for patients involves ethical and legal responsibilities which makes knowledge of current trends in medical law, ethics and bioethics fundamental for healthcare workers. This course presents regulations that pertain to professional liability, types of consent, employment practices, medical records and cultural implications. HIPAA laws are discussed in detail. Current bioethical considerations are also explored.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | T    | 09:00A-10:00A | B109     | Apr 6 - Jun 23 | HYBRID   | HOFFMAN L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 28 Seats Available |      |

MEDICAL CODING SPEC

**MAP 115 - ADVANCED MS OFFICE AND KEYBOARDING (MOS) - 5.0 credits**

This class builds on skills learned in MAP 114. Students prepare for the Microsoft Office Specialist (MOS) certification with further independent practice on different types of documents, including newsletters, reports, resumes, and work correspondence.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAY-FARLEY S | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 123 - PATIENT NAVIGATION AND CHRONIC ILLNESS - 3.0 credits**

This course introduces students to the treatment and prevention of chronic illnesses, integration of medical and behavioral health, and innovative models of care and barriers to care associated with low health literacy, limited English proficiency and quality of life issues.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAY-FARLEY S | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 147 - INSURANCE CLAIMS, PROCESSING, AND ADJUDICATION - 2.0 credits**

What happens after medical billers send a claim? This course will explore the workflow of claims submission; the claims adjudication processes; and medical reviews, edits, and denial codes.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAHER D    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 190 - CAREER OPPORTUNITIES AND EMPLOYMENT EXPECTATIONS - 2.0 credits**

Students create and modify resumes, cover letters, learn effective interviewing skills and the use of social media sites. In addition, students analyze traits employers are seeking in new hires.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAY-FARLEY S | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 201 - DIAGNOSTIC AND PROCEDURAL CODING - 5.0 credits**

The purpose of this course is to give students practice applying the official coding guidelines to complex documentation in medical records. Students will assign both diagnosis codes and procedure codes to complex case studies focusing on correct code assignment, sequencing and official guidelines. The uses and formats of health information are explored, and examples are provided to illustrate the use of the health record as the basis for clinical code selection and reporting.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAHER D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 211 - NAVIGATING EHRs IN HEALTH CARE - 3.0 credits**

This electronic health record (EHR) simulation will provide you with unique, hands-on learning of the simulated medical office. The assignments in this text provide realistic practice of all of the tasks you will encounter in a real medical office-from front office (administrative) skills to clinical skills to practice management skills (billing, coding, and insurance). This simulation mimics how to interact with patients and the requirements for an EHR.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAY-FARLEY S | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 75 Seats Available |      |

MEDICAL CODING SPEC

**MAP 285 - THE REVENUE CYCLE - 5.0 credits**

This course will explore the prospective payment systems used by key healthcare organizations. This course examines coding and reimbursement; managed care plans; prospective payment systems; Medicare-Medicaid reimbursement and the resource-based relative value scale (RBRVS); case mix management; and revenue cycle management. It serves as a preparation for employment in the reimbursement system setting, as well as for a position as a professional coder.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAHER D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 60 Seats Available |      |

MEDICAL CODING SPEC

**MAP 289 - CERTIFICATION EXAM PREPARATION - 5.0 credits**

This course will cover anatomy, physiology, medical terminology, coding basics, evaluation management (E/M), surgery, genital system, nervous system, urinary system, pathology, medicine and test-taking strategies and techniques. Coding conventions and guidelines are emphasized to help students prepare for the AAPC and AHIMA certification exams.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAHER D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 75 Seats Available |      |

MEDICAL CODING SPEC

**MAP 291 - PROFESSIONAL PRACTICE EXPERIENCE - 4.0 credits**

This externship program provides the student with opportunities to obtain actual work experience while testing the concept of the student's chosen profession, thus assisting the student to be more certain of career objectives. Students obtain a minimum of 132 hours of supervised work experience at an instructor-approved facility and participate in weekly seminar. PREREQUISITE(S): Completion of all course requirements with a 2.0 or higher AND instructor approval.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAY-FARLEY S | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 75 Seats Available |      |

MEDICAL CODING SPEC

**MAP 293 - BILLING PHYSICIAN-RELATED SERVICES - 4.0 credits**

This course familiarizes the student with incident-to billing, split-billing, and Medicare annual visits. Billing for non-physician providers and ancillary services such as acupuncture are also included.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MAHER D    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 75 Seats Available |      |

MUSIC

**MUSC&105 - MUSIC APPRECIATION - 5.0 credits**

This course helps students develop an understanding of the elements and vocabulary of music while deepening their appreciation of music as a reflection of cultural tradition and innovation. Students gain tools for analysis such as the historical, political and cultural influences on musical traditions. Class activities include lectures, written materials, and a variety of listening experiences. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note   |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|--|
| N462  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | LEHNHOFF L | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Students are required to attend one Zoom session on May 6th at 7pm or May 7th at 4pm. OER (no textbook to purchase). |

NURSING ASSISTANT

**HLTH 100 - TOOLS FOR SUCCESS - 2.0 credits**

This course provides the foundational tools for successful completion of the Nursing Assistant program.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       |      |               | H105     | Apr 6 - May 7  | HYBRID   | KAUR R     | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 10 Seats Available |      |
|       | MW   | 06:00P-09:30P | H105     | Apr 6 - May 28 | HYBRID   | KAUR R     | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 10 Seats Available |      |

NURSING ASSISTANT

**NA 101 - FUNDAMENTALS OF NURSING ASSISTANT - 2.0 credits**

Students learn about the role of the nursing assistant in meeting the basic needs of the client, including legal and ethical implications. The mandatory HIV/AIDS content is covered.

| Item# | Days  | Time          | Location | Date          | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|---------------|----------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-02:30P | ONLINE   | Apr 6 - May 7 | ONLINE   | KAUR R     | \$12.00 Per Course -ONLINE ELEARNING FEE ; \$14.62 Per Year -MED MAL & GEN LIAB INS | Open 0 Enrolled / 10 Seats Available |      |

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MW   | 06:00P-09:30P | ONLINE   | Apr 6 - May 28 | ONLINE   | KAUR R     | \$12.00 Per Course -ONLINE ELEARNING FEE ; \$14.62 Per Year -MED MAL & GEN LIAB INS | Open 0 Enrolled / 10 Seats Available |      |

NURSING ASSISTANT

**NA 103 - BASIC TECHNICAL SKILLS - 2.0 credits**

Students will learn all of the skills necessary in the role of a nursing assistant to provide for an optimal level of functioning to the client. Also included is a mock NACES written and skills exam.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MTWTh | 09:00A-01:00P | H105     | Apr 6 - May 7  | HYBRID   | BURDICK J  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 10 Seats Available |      |
|       | MW    | 06:00P-09:30P | H105     | Apr 6 - May 28 | HYBRID   | KAUR R     | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 10 Seats Available |      |

NURSING ASSISTANT

**NA 105 - PRINCIPLES OF A&P, RESTORATIVE CARE,RELATED PROC - 2.0 credits**

The student gains basic knowledge of anatomy and physiology related to care given by nursing assistants. Students learn to recognize and report abnormal signs and symptoms of common diseases and conditions. Principles and skills of rehabilitation and restorative care are discussed.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | DAILY | 08:00A-02:30P | ONLINE   | Apr 6 - May 7  | ONLINE   | KAUR R     | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 10 Seats Available |      |
|       | MW    | 06:00P-09:30P | ONLINE   | Apr 6 - May 28 | ONLINE   | KAUR R     | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 10 Seats Available |      |

NURSING ASSISTANT

**NA 131 - NURSING ASSISTANT PRACTICUM - 2.0 credits**

The student demonstrates the knowledge, skills, and abilities for safe and effective care as a nursing assistant under the direction and supervision of a LPN/RN.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor  | Fees   | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|-------------|--|--------------------------------------|------|
|       | WThF | 05:45A-02:15P | CLNICAL  |                | FACE-TO-FACE | BURDICK J   | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 10 Seats Available |      |
|       | WThF | 05:45A-02:15P | CLNICAL  |                | FACE-TO-FACE | KAUR R      | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 10 Seats Available |      |
|       | SaSu | 06:00A-02:00P | CLNICAL  | May 8 - May 28 | FACE-TO-FACE | KAUR R      | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 10 Seats Available |      |
|       | SaSu | 05:45A-02:15P | CLNICAL  | May 8 -        | FACE-TO-FACE | NATIVIDAD A | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 10 Seats Available |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | May 28 |          |            |      |        |      |

**NUTRITION**

**NUTR&101 - HUMAN NUTRITION - 5.0 credits**

This course provides students with information pertaining to the functions of nutrients in the body and the physiologic processes involved in digestion and absorption. Topics covered include anatomy and physiology of digestion and absorption; specific utilization of carbohydrates, protein, and fats; and vitamin and mineral supplements. Other topics include factors that govern nutrient requirements, and the impact of diet on health and disease. Basic principles of chemistry, biology, and physiology are applied to the study of nutrition. This course is suggested for students majoring in nursing or other health-related areas. General education distribution area: Natural Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
| N458  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SZABO D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| N404  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | SZABO D    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

**OFFICE ASSISTANT**

**ASST 095 - BUSINESS MATH (CLERICAL SKILLS REVIEW) - 3.0 credits**

This course provides a review of the basic business English, math and computer skills required for clerical work.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 12 - Jun 23 | ONLINE   | PHILPOTT M | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

**OFFICE ASSISTANT**

**ASST 110 - INTRODUCTION TO BUSINESS WRITING - 3.0 credits**

Students are introduced to the basics of business writing.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 12 - Jun 23 | ONLINE   | PHILPOTT M | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

**OFFICE ASSISTANT**

**ASST 120 - KEYBOARDING/DATA ENTRY - 3.0 credits**

Students develop speed and accuracy on an electronic keyboard through skill development activities and data entry applications.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 12 - Jun 23 | ONLINE   | PHILPOTT M | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

**OFFICE ASSISTANT**

**ASST 144 - INTRODUCTION TO COMPUTER APPLICATIONS - 5.0 credits**

Students receive training on basic business computer applications using Windows and Microsoft Office applications, including word processing, spreadsheets, data bases, and graphics.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 12 - Jun 23 | ONLINE   | PHILPOTT M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

#### OFFICE ASSISTANT

##### ASST 181 - CUSTOMER SERVICE (HUMAN REL) & CAREER READINESS - 5.0 credits

This course helps students develop skills to assist in their personal and professional growth. Students learn the fundamentals of human relations in a professional environment, including the basic tools to better understand co-workers, colleagues, customers and supervisors. Job-seeking skills, including developing resumes, cover letters and portfolios are covered, as are interviewing techniques. The importance of self-image, self-esteem and business etiquette is also discussed.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 12 - Jun 23 | ONLINE   | PHILPOTT M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 20 Seats Available |      |

#### PHARMACY TECHNICIAN

##### PHAR 104 - PHARMACOLOGY II - 5.0 credits

Students continue to learn the basic mechanisms of drug action and routes of administration. Emphasis is on learning the uses, effects, and side effects of the major classes of drugs affecting the special senses, urinary, male and female reproductive, obstetrics, child health, oncology, and mental health systems.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | W    | 08:00A-12:00P | ONLINE   | Apr 7 - Jun 23 | ONLINE   | YOUNG R    | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 26 Seats Available | Class meets via Zoom during time listed. |

#### PHARMACY TECHNICIAN

##### PHAR 136 - MEDICAL TERMINOLOGY/ANATOMY & PHYSIOLOGY II - 3.0 credits

Students continue to learn basic medical abbreviations and terminology. Students survey the structure and function of the human body with emphasis on learning the major organs and processes related to the special senses, urinary, male and female reproductive, obstetrics, child health, oncology, and mental health systems.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note                                     |
|-------|------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|--|
|       | M    | 08:00A-11:00A | ONLINE   | Apr 12 - Jun 21 | ONLINE   | SPENCER L  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 26 Seats Available | Class meets via Zoom during time listed. |

#### PHARMACY TECHNICIAN

##### PHAR 137 - PHARMACY LAW & REFERENCES II - 2.0 credits

Students continue to examine legal terms, state and federal laws, as well as review references necessary to the practice of pharmacy.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | Th   | 08:00A-09:00A | ONLINE   | Apr 8 - Jun 17 | ONLINE   | YOUNG R    | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 26 Seats Available | Class meets via Zoom during time listed. |

PHARMACY TECHNICIAN

**PHAR 180 - LEADERSHIP, HUMAN RELATIONS AND CUSTOMER SERVICE - 5.0 credits**

Students learn to communicate in English proficiently and effectively with customers such as physicians, nurses, and other medical specialists, including colleagues, and patients, both orally and in writing. Students learn to present a professional image in appearance and behavior according to the pharmacy technician and certification code of conduct, incorporated as the industry standards. Students will practice and demonstrate a mutual respect when interacting and communicating orally and in writing in a diverse environment and with diverse personalities. Also, students will be trained to apply interpersonal skills as a leader and a human relations manager in the pharmacy. Such practices including negotiation skills, conflict resolution, disciplinary actions, and teamwork, which require the use of critical thinking, creativity, and innovative ways of solving problems. Students will practice professional e-mail and methods from a management point-of-view. Students will learn how to interact with professionals from TJC, accreditation, executive management, the board of trustees, or government personnel.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | Th   | 09:00A-10:00A | ONLINE   | Apr 8 - Jun 17 | ONLINE   | SPENCER L  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 26 Seats Available | Class meets via Zoom during time listed. |

PHLEBOTOMY

**PHLEB101 - FUNDAMENTALS OF PHLEBOTOMY - 6.0 credits**

Students learn the roles, responsibilities, work flow, and safe practices required in a clinical laboratory. This intense program provides computer-based education along with lectures and hands-on interactive training needed to provide a high level of expertise. Students will demonstrate knowledge of the health care setting, legal and ethical issues, HIPAA regulations, safety precautions and preventions against BBP's related to phlebotomy practice. Students will apply medical terminology and anatomy and physiology in the healthcare setting. Students will choose appropriate blood collection tubes for tests, perform venipuncture procedures, and assess for complications for special procedures, such as ABO, B/C, GTT and PKU. Students will prepare themselves for the workforce by modeling professional appearance, valuing diversity in the workplace, and communicating effectively and professionally with patients and staff. PREREQUISITE(S): Completion of CastleBranch requirements and successfully completed background check.

| Item# | Days  | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note                                     |
|-------|-------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | MTWTh | 08:00A-02:30P | ONLINE   | Apr 6 - Apr 28 | ONLINE   | TERRELL A  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$117.00 Per Quarter - PHLEBOTOMY EXAM FEES | Open 0 Enrolled / 16 Seats Available | Class meets via Zoom during time listed. |

PHLEBOTOMY

**PHLEB102 - PHLEBOTOMY LABORATORY SKILLS - 4.0 credits**

Students interpret laboratory requisitions, select proper tubes and order of draw, and demonstrate the ability to evaluate the patient for ability to withstand venipuncture procedure. Perform basic phlebotomy procedures, articulate the venipuncture procedure, and answer patient questions. Perform point-of-care testing, such as glucose levels of patients, and prepare blood, urine and other body fluids specimens for testing according to established protocol. Must be enrolled in PHLEB 101 to participate in Lab Skills Cohort, with no longer than one quarter between completion of PHLEB 101 and PHLEB 102.

| Item# | Days  | Time          | Location | Date            | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|-----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 08:00A-02:30P | B206     | Apr 29 - May 18 | FACE-TO-FACE | TERRELL A  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$14.62 Per Year -MED MAL & GEN LIAB INS | Open 0 Enrolled / 16 Seats Available |      |

PHLEBOTOMY

**PHLEB103 - HEALTHCARE PROVIDER FIRST AID/CPR,AED&BLOODBORNE - 2.0 credits**

This course covers one- and two-person, adult, child and infant CPR. Students practice caring for a person with foreign body airway obstruction (FBAO), personal barrier techniques and use of Automated External Defibrillator (AED). The course teaches to effectively recognize and treat in critical minutes until Emergency Medical Services (EMS) arrive. Topics include: general first aid principles, medical, injury and environmental emergencies, and blood borne pathogens. This course is approved by OSHA, WISHA (Labor and



Industries) for healthcare providers. An AHA card will be issued upon the successful completion of a written exam and skills evaluation. In addition, the mandatory seven hours of HIV/AIDS education for healthcare providers is included.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | Th   | 08:00A-02:30P | B202     | May 20 - May 20 | HYBRID   | TERRELL A  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 16 Seats Available |      |

#### PHLEBOTOMY

##### PHLEB104 - NATIONAL EXAM CERTIFICATION PREP - 1.0 credits

Students review the core concepts of the Phlebotomy Technician program. Emphasis is placed on preparation and strategies for success on the national certification exam.

| Item# | Days     | Time    | Location | Date            | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|-----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Jun 16 - Jun 22 | ONLINE   | TERRELL A  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 16 Seats Available |      |

#### PHLEBOTOMY

##### PHLEB191 - PHLEBOTOMY TECHNICIAN PRACTICUM - 3.0 credits

Students will collect blood specimens from an on-campus clinical setting or off-campus healthcare facility using various techniques such as, ETS, butterfly, syringe or capillary methods. Students will practice live-draws on a variety of patients. PREREQUISITE(S): Completion of PHLEB 101, PHLEB 102, and PHLEB 103 (or CastleBranch accepted CPR & First AID) with a 2.0 or higher, and permission from the instructor, with no longer than one quarter between completion of PHLEB 101 and PHLEB 102.

| Item# | Days  | Time          | Location | Date            | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|-------|---------------|----------|-----------------|--------------|------------|--|--------------------------------------|------|
|       | DAILY | 08:00A-05:00P | OFFSITE  | May 25 - Jun 15 | FACE-TO-FACE | TERRELL A  | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 16 Seats Available |      |

#### POLITICAL SCIENCE

##### POLS 150 - CONTEMPORARY WORLD ISSUES - 5.0 credits

Topics will include currently relevant issues such as the rise of Islamic Fundamentalism and American defense policy, the debate between free market and socialist economic theories, globalization and the role of oil and energy technologies, the rise of China and its relations with other Asian countries and the U.S., the ongoing crises in Africa, nuclear proliferation and other weapons of mass destruction. Immigration and demographics will be covered. The role of the United Nations and international law are examined within the framework of evolving ideas about national sovereignty. This course will maintain some flexibility to prioritize emergent issues as the quarter develops. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|-------------------------------|
| N488  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FOLDEN-SHORT | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

#### POLITICAL SCIENCE

##### POLS&202 - AMERICAN GOVERNMENT - 5.0 credits

This course explores the structure and dynamics of American national government. The course provides a broad-based introduction to the ideas and institutions that have shaped politics in the contemporary United States. Special areas of focus will include: the Constitution and the debates of the founding era, the institutions of modern American government, and the political behavior of the American mass public. The course will draw inspirationally on documents from America's Revolutionary and Civil War periods as well as on key historical and contemporary Supreme Court opinions, Congressional laws, and Presidential policy papers. This course will also analyze how the dynamics of regional and global forces have impacted on domestic politics and American government, informing the shaping of its attitudes and policies to the rest of the world. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                      | Status                               | Note                          |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|-------------------------------|
| G154  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | FOLDEN-SHORT | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | OER (no textbook to purchase) |

PROFESSIONAL BAKING

**BAK 101 - OVENS I - 3.0 credits**

It is essential for the baker to understand the 12 steps in the baking process. Students participate in proofing and baking a variety of products using this process. Discussion and practical exploration on the cause and effects of proper baking methodologies, temperature and times will be reviewed. This station covers safety procedures associated with operating a bakery proofbox and ovens.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 102 - OVENS II - 3.0 credits**

In this advanced oven station the student has the opportunity to show progressive skill and understanding of the chemical and physical changes that occur to products in the baking process. The student is responsible for the management of the ovens, ensuring that there is space at the right temperature for the day's production.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 103 - DOUGHNUTS - 3.0 credits**

Students develop skills needed to produce a variety of doughnuts: yeast-raised, soft dough, crullers and cake doughnuts. Fillings, glazes and toppings are produced and a variety of finishing techniques are used. Organization, timing, speed, safety and cleanliness are important factors on this station. Fryer safety and a cost analysis of doughnut production is a necessary component of this station.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 104 - SCALING - 3.0 credits**

Students have the opportunity to learn the baker's balance beam scale, dry measurements, and liquid measurements. Students are introduced to US and metric systems of measurement. Students begin to scale and learn the importance of mise en place which requires a great deal of care and accuracy. Students gain skills needed for simple mixing methods for yeast dough, various batters from mixes and the creaming method for muffin and quick breads.

| Item# | Days  | Time          | Location | Date    | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|---------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

PROFESSIONAL BAKING

**BAK 105 - MIXING I - 3.0 credits**

Many professional bakers consider mixing to be the most important step in the baking process. Although not overly complicated, it does require a great deal of care and accuracy. Mixing dough involves four distinct stages: scaling, ingredient incorporation, dough development and checking temperature after mixing.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 106 - MIXING II - 3.0 credits**

In this advanced mixing station students continue to utilize all forms of measurement. Students have the opportunity to plan and manage daily production based on retail needs and special orders; they prioritize their schedules to allow all stations involved enough time to complete their tasks.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 107 - COOKIES - 3.0 credits**

In this introductory station students prepare a variety of cookies. The student will learn the role of each ingredient, detail different mixing methods, and describe the 8 classifications of cookie types. Knowledge of these basic foundations of cookie making allows the student to produce consistent results, troubleshoot formulas and process and create new formulas.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 108 - PIES & TARTS - 3.0 credits**

Students have the opportunity to prepare and work with a variety of pie and short dough. Fruit, cream and chiffon filling preparations will be made. Students make up and produce a wide range and variety of traditional and contemporary tarts and individual tartlets with appropriate finishes and garnishes. Students will have the opportunity to showcase natural and vibrant flavors of fruits and nuts as well as the sweetness and texture of cheeses and dairy products used to make creams and custards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 109 - PASTRIES - 3.0 credits**

Students have the opportunity to work with puff pastry, pate a choux and various short doughs. Pastry cream, Bavarian, mousses, curds, ganaches and whipped cream fillings are made to produce a variety of individual pastries that include: eclairs, napoleons, towers, meringue and macaroon pastries. The cutting, filling and final finishing are all important skills covered toward the final presentation of the product. Students continue to develop and use new vocabulary in regard to the industry and demonstrate knowledge about the different ingredients in a retail bakery. This station covers safety procedures associated with operating bakery operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with the King County standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

#### PROFESSIONAL BAKING

##### BAK 110 - YEAST DOUGHS I - 3.0 credits

Students have the opportunity to prepare yeast-raised dough for daily production. The 10 steps of the yeast dough process are followed as well as proper mixing methods for yeast dough. The student has the opportunity to learn the importance of organized bench work and the effects it has on the finished product. The relationship of time and temperature as it relates to fermentation, bench handling, retardation, and proofing. Various forming and make-up and finishing techniques applied to yeast raised dough.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

#### PROFESSIONAL BAKING

##### BAK 111 - YEAST DOUGHS II - 3.0 credits

Students have the opportunity to prepare yeast-raised dough, for croissants, Danish pastries and various loaves. Students practice bench work, the make-up of advanced breads and the shaping of rolls. Learning to shape, twist, cut and fill the dough pieces properly are important parts of the art and craft of fine baking. Good housekeeping and organization are important to be able to produce good laminated dough and to roll or mechanically sheet the different doughs to a specific thickness and prepare a variety of saleable pastries.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

#### PROFESSIONAL BAKING

##### BAK 112 - PUFF PASTRIES - 3.0 credits

Students have the opportunity to work with puff pastry and other laminated doughs, developing the fine motor skills associated with their preparation from the initial enrobing to the finished baton. Laminated doughs require the advanced knowledge gained from the previous yeast dough station. Learning to work with this classic dough, the student has the opportunity to produce classic and contemporary pastries that play an integral part of fine baking. Good housekeeping and organization are important to be able to produce good laminated doughs, to roll or mechanically sheet these different doughs to a specific thickness, and to prepare a variety of saleable pastries. Students continue to develop and use new vocabulary in regard to the industry and demonstrate knowledge about the different ingredients used in a retail bakery. This station covers safety procedures associated with operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with King County standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 113 - CAKES I - 3.0 credits**

Students have the opportunity to learn how to split, fill and ice cakes in preparation for decorating, top icing techniques for cakes and cupcakes for retail. Students work with a variety of butter creams and decorating mediums and begin to practice the basics piping techniques. Being prepared with proper mise en place and having a solid understanding of all cake components and equipment functions are required for success in cake assembly.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 114 - CAKES II - 3.0 credits**

Students have the opportunity to learn more decorating techniques that include writing and figure piping. Demonstrations and hands-on practice include finishing of single layer cakes, advanced cupcakes, poured cakes and simple decorations on special order cakes for the RTC retail bakery. Students express their artistry, imagination and an eye for color combinations to produce a variety of flowers and writing techniques. Many different mediums are used including: rolled fondant, marzipan, and chocolate work. Experience and learning from others are extremely valuable in learning the subtle techniques that can make the difference between a good cake and a great cake.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 115 - ARTISAN BREAD I - 3.0 credits**

Students will have the prospect of learning the artisan bread industry basics. The art and science of traditional artisan baking will be demonstrated and reviewed. The opportunity to prepare a variety of hand-made breads using the time-honored production methods will be offered. Students will be exposed to breads such as ciabatta, focaccia, pizza dough and baguettes. This station covers safety procedures associated with operating bakery equipment, as well as the practice of proper sanitation and food handling techniques in accordance with King County Public Health Department standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 116 - ARTISAN BREAD II - 3.0 credits**

Students will have the opportunity to build on their skills in preparing traditional artisan breads. The making of a sourdough culture, flat breads, and decorative bread shaping will be reviewed. The students will have the opportunity to produce a variety of preferments and naturally leavened dough will also be used to produce crusty artisan loaves.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ;<br>\$15.00 Per Course -WEB ENH/HYB<br>ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 117 - BAKERY OPERATIONS I - 3.0 credits**

Through the RTC retail bakery venue, the students have the opportunity to learn the importance of skills associated with a successful retail establishment. They practice customer service and product management skills that include appropriate positioning, placement, seasonal and tie in displays. Students have the opportunity to learn opening and closing duties associated with daily service and related storeroom duties. This station covers safety procedures associated with operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with King County Public Health Department standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 118 - BAKERY OPERATIONS II - 3.0 credits**

This course provides an opportunity to become student leaders in the bakery industry. Concentrating on the multi-tasking associated with running a bakery the student has the opportunity to gain knowledge in the development of production lists, delegating assigned tasks, time management associated with production, and is able to fill-in at stations as needed throughout the day. The student gains experience working with vendors and stations to ensure a smooth running facility. Students continue to develop and use new vocabulary in regard to the industry and demonstrate knowledge about the different ingredients used in a retail bakery. This station covers safety procedures associated with operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with King County Public Health Department standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 119 - CAKES III - 3.0 credits**

The accumulation of skills in previous stations prepares the student for advanced specialty and wedding cakes. Students express their artistry, imagination and an eye for color combinations to produce a variety of flowers, writing techniques, figure piping, airbrushing and drawings. Many different mediums are used including: rolled fondant, marzipan, and tempered chocolate. Students continue to develop and use new vocabulary in regard to the industry and demonstrate knowledge about the different ingredients used in a retail bakery. This station covers safety procedures associated with operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with the King County standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROFESSIONAL BAKING

**BAK 120 - FRENCH PASTRIES - 3.0 credits**

Students have the opportunity to use a variety of techniques and methodologies learned in previous stations to produce classic and contemporary French pastries, petit fours and simple truffles. Students' attention to detail creates these fanciful individual pastries. Students continue to develop and use new vocabulary in regard to the industry and demonstrate knowledge about the different ingredients used in a retail bakery. This station covers safety procedures associated with operating bakery equipment as well as the practice of proper sanitation and food handling techniques in accordance with the King County standards.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 06:00A-12:30P | I109     | Apr 6 - Jun 23 | FACE-TO-FACE | HOLLAND R  | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 12 Seats Available |      |

PROPERTY MAINTENANCE

**PROP 122 - PAINTING AND DRYWALL REPAIRS - 6.0 credits**

Practice painting techniques such as surface preparation, color schemes, and cleanup. Apply coatings in a safe and proper manner, practice basic drywall procedures, and patching techniques.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | MW   | 06:00P-08:00P | A23      | Apr 6 - Jun 23 | HYBRID   | FULLWOOD V | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 15 Seats Available |      |

PSYCHOLOGY

**PSYC&100 - GENERAL PSYCHOLOGY - 5.0 credits**

General Psychology surveys the knowledge and methods of the discipline of psychology. Emphasis is placed upon application of psychological knowledge to daily situations, and upon accessing and assessing information from a variety of sources about behavior. Skills in scientific reasoning and critical thinking are developed during this course. Areas of psychology to be included are: research methods, neuroscience, human development, sensation, perception, consciousness, learning, memory, cognitive processes, intelligence, motivation, emotion, personality, psychological disorders, psychotherapy, stress and health, and social psychology. Basic computer and keyboarding skills strongly recommended. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                      | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|-------------|---|--------------------------------------|----------------------------------|
| G118  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | CROSS A     | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |
| N474  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HOUGHTON J  | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |
| N422  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BERKSHIRE L | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

PSYCHOLOGY

**PSYC&200 - LIFESPAN PSYCHOLOGY - 5.0 credits**

This course covers the concepts of human life span development in psychology and research from the prenatal stage to end of life experiences. Life span development includes socio-emotional, cognitive, and physiological development. Included are the influences on human development by such factors as biology, life experiences, family, and culture. Each individual, although unique follows a process that is affected by primary caregivers, siblings, extended family, teachers, friends, partners, and events. Emphasis is on understanding human development and the influences of family and culture that includes ethnicity, beliefs, family structure, traditions, and gender. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor  | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|-------------|--|--------------------------------------|------|
| N413  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BERKSHIRE L | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |
| G178  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | CUMMINGS A  | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

REGISTERED NURSE

**NURS 103 - BRIDGE TO NURSING - 3.0 credits**

This course is designed to assist with the transition into the nursing program. Reading Apprenticeship techniques to facilitate learning and a classroom laboratory component for fundamental nursing skills will be included.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | T    | 08:00A-11:00A | B120     | Apr 6 - Jun 22 | HYBRID   | MURRAY A   | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$360.00 Per Course -RN TESTING FEES | Open 0 Enrolled / 32 Seats Available |      |

REGISTERED NURSE

**NURS 105 - REPRODUCTIVE HEALTH - 4.0 credits**

This course builds on the foundational concepts previously learned and applied to the concepts of reproduction, sexuality and development. There is a focus on the holistic care of culturally diverse childbearing families which includes health risks and problems from preconception through adolescence.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                      | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | T    | 08:00A-11:00A | ONLINE   | Apr 6 - Jun 22 | ONLINE   | LEE B      | \$12.00 Per Course - ONLINE ELEARNING FEE | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 107 - MENTAL HEALTH / REPRODUCTIVE HEALTH CLINICAL - 3.0 credits**

Students in this course demonstrate the skills of therapeutic communication, culturally competent patient-focused care, application of the nursing process, organizing & prioritizing care for clients with disorders in mood & affect, self, reproduction, and sexuality across the life span.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | LEE B      | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | LEE B      | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | LEE B      | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |

REGISTERED NURSE

**NURS 108 - FOUNDATIONS OF NURSING PRACTICE - 4.0 credits**

This course explores concepts that form the foundation of practice as a registered nurse including communication, cultural diversity, nursing process, pharmacotherapy, legal and ethical aspects of care.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | W    | 08:00A-12:00P | ONLINE   | Apr 7 - Jun 23 | ONLINE   | LEE B      | \$12.00 Per Course -ONLINE ELEARNING FEE ; \$14.62 Per Year - MED MAL & GEN LIAB INS | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 109 - FOUNDATIONS OF NURSING PRACTICE LABORATORY - 3.0 credits**



Using the concepts of caring and professional behaviors, students learn and practice basic nursing procedures in a lab setting. Physical assessment, perioperative care, and medication administration is introduced. Emphasis is placed on client safety and maintaining a safe work place environment.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor           | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|----------------------|---|--------------------------------------|------|
|       | ThF  | 08:00A-04:30P | H101     | Apr 8 - Apr 30 | FACE-TO-FACE | SHI J RHODES S       | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |
|       | ThF  | 08:00A-04:30P | H101     | Apr 8 - Apr 30 | FACE-TO-FACE | STAFF RHODES S       | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |
|       | ThF  | 08:00A-04:30P | H101     | Apr 8 - Apr 30 | FACE-TO-FACE | WOLDEMARIAM RHODES S | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |

REGISTERED NURSE

**NURS 112 - MENTAL HEALTH IN THE MULTICULTURAL COMMUNITY - 4.0 credits**

The focus of this course is on the nursing care of clients experiencing alterations in mood and affect, self, and grief and loss. Key topics include providing a safe client care environment, therapeutic communication, the nurse-client relationship, and crisis intervention.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | W    | 08:00A-12:00P | ONLINE   | Apr 7 - Jun 23 | ONLINE   | RHODES S   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 114 - HEALTH AND WELLNESS - 2.0 credits**

This course focuses on the concepts of health and wellness across the lifespan in the areas of health promotion, growth and development, and physical assessment.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | T    | 11:30A-02:30P | ONLINE   | Apr 6 - May 18 | ONLINE   | LEE B      | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 119 - REPRODUCTIVE HEALTH LABORATORY - 1.0 credits**

Students recall previous knowledge and apply the concepts of reproduction, sexuality and development to basic care of women of childbearing age including postpartum and newborn assessment. Emphasis is placed on organizing and prioritizing care of the postpartum client and family.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor         | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|--------------------|---|--------------------------------------|------|
|       | ThF  | 08:00A-04:30P | H101     | Apr 6 - Apr 20 | FACE-TO-FACE | BURNHAM S RHODES S | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |
|       | ThF  | 08:00A-04:30P | H101     | Apr 6 -        | FACE-TO-FACE | SHI J RHODES S     | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor     | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|----------------|---|--------------------------------------|------|
|       |      |               |          | Apr 20         |              |                |   |                                      |      |
|       | ThF  | 08:00A-04:30P | H101     | Apr 6 - Apr 20 | FACE-TO-FACE | STAFF RHODES S | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 32 Seats Available |      |

REGISTERED NURSE

**NURS 195 - FOUNDATIONS OF NURSING PRACTICE CLINICAL - 4.0 credits**

Utilizing the nursing process student provide culturally competent, patient centered, nursing care focused on physical assessment, communication, medication administration, and basic skills.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor  | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|-------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | BAYNA O     | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course - CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | SHI J       | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course - CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |
|       | ARRANGED | ARR-ARR | CLINICAL | Apr 6 - Jun 23 | FACE-TO-FACE | WOLDEMARIAM | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course - CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |

REGISTERED NURSE

**NURS 210 - COMPLEX MULTI-SYSTEM ALTERATIONS IN HC NEEDS - 5.0 credits**

This course focuses on the care management of complex alterations in physiological concepts in critically ill clients. There is an emphasis on integration of previous learning, collaboration, teaching & learning, communication, clinical decision making, advocacy, and safety.

| Item# | Days | Time          | Location | Date            | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|-----------------|----------|------------|---|--------------------------------------|--|
|       | M    | 08:00A-02:30P | ONLINE   | Apr 12 - Jun 21 | ONLINE   | MURRAY A   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 281 - LEADERSHIP AND MANAGEMENT - 2.0 credits**

This course focuses on performing professional behaviors related to the concepts of accountability, advocacy, collaboration, ethics, health care systems, health policy and quality improvement.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|--|
|       | T    | 08:00A-10:00A | ONLINE   | Apr 6 - Jun 15 | ONLINE   | RHODES S   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 32 Seats Available | Class meets via Zoom during time listed. |

REGISTERED NURSE

**NURS 296 - COMPLEX MULTI-SYSTEM ALTERATIONS PRECEPTORSHIP - 4.0 credits**

The student has multiple opportunities to synthesize and demonstrate the role of a beginning registered nurse under the supervision of the preceptor and monitoring by faculty. This includes authentic work tasks in the area of clinical decision-making, collaboration, evidence-based practice, informatics, life-long learning, teaching & learning, and quality improvement.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor        | Fees   | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|-------------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 6 - Jun 23 | FACE-TO-FACE | MURRAY A<br>LEE B | \$30.00 Per Credit -SUPPLY FEE NURSING ; \$85.00 Per Course -CLIN PLCMT FEE 1-4 CR | Open 0 Enrolled / 32 Seats Available |      |

#### SOCIOLOGY

##### **SOC& 101 - INTRODUCTION TO SOCIOLOGY - 5.0 credits**

Sociology is the study of human interaction. Students study modern society and the influences of culture, socialization, inequality and power. Topics include gender, class, race and ethnicity, conflict, and marriage and the family. General education distribution area: Social Science.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                    | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|----------------------------------|
| N448  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MILLER B   | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

#### SPANISH

##### **SPAN&121 - SPANISH I - 5.0 credits**

This is the first course of a series of classes that teaches the fundamentals of Spanish as a second language. While the course focuses on speaking and verbal comprehension, reading, writing and hispanic culture are also integral to the class. General education distribution area: Humanities.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                    | Status                               | Note                             |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|----------------------------------|
| N772  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | APPLEGARTH H | \$12.00 Per Course - ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available | Low-Cost Textbook (\$50 or less) |

#### SPANISH

##### **SPAN&122 - SPANISH II - 5.0 credits**

This is the second course of a series of classes that teaches the fundamentals of Spanish as a second language. While the course focuses on speaking and verbal comprehension, reading, writing and hispanic culture are also integral to the class. General education distribution area: Humanities. PREREQUISITE(S): Completion of SPAN& 121 with a 2.0 or higher, or placement by assessment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
| N774  | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | APPLEGARTH H | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 25 Seats Available |      |

#### SURGICAL TECH

##### **SURG 101 - SURGICAL TECHNIQUES - 5.0 credits**

The purpose of this course is to introduce the principles and practice of aseptic technique, surgical instrumentation, the creation, maintenance and safety related to the operating room. This course describes the economy of motion and supply use. The student will be introduced to physics, information technology, transferring, moving, handling and positioning the surgical patient. This course will also cover surgical skin prepping, draping, case planning, intra operative routines, and care of the surgical wound.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MT   | 09:00A-12:00P | B208     | Apr 6 - Jun 22 | HYBRID   | GRAHAM M   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 102 - HEALTHCARE PROVIDER FIRST AID/CPR,AED &BLOODBORN - 2.0 credits**

This course covers one- and two-person, adult, child and infant CPR. Students practice caring for persons with foreign body airway obstruction (FBAO), pocket mask, bag valve mask, personal barrier techniques and use of Automated External Defibrillator (AED). The course teaches to effectively recognize and treat in critical minutes until Emergency Medical Services (EMS) arrive. Topics include: general first aid principles, medical emergencies, injury, environmental emergencies, and blood borne pathogens. This course is approved by OSHA, WISHA (Labor and Industries) for healthcare providers. An AHA card will be issued upon the successful completion of a written exam and skills evaluation. In addition, the mandatory seven hours of HIV/AIDS education for health care providers is included.

| Item# | Days     | Time          | Location | Date           | Delivery | Instructor   | Fees  | Status                               | Note                                     |
|-------|----------|---------------|----------|----------------|----------|--------------|---|--------------------------------------|--|
|       | ARRANGED | ARR-ARR       | B126     | Apr 6 - Jun 23 | HYBRID   | SERBA A      | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$14.62 Per Year -MED MAL & GEN LIAB INS | Open 0 Enrolled / 20 Seats Available |  |
|       | W        | 05:00P-07:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HEITKAMPER J | \$12.00 Per Course -ONLINE EARNING FEE ; \$14.62 Per Year -MED MAL & GEN LIAB INS | Open 0 Enrolled / 20 Seats Available | Class meets via Zoom during time listed. |

SURGICAL TECH

**SURG 103 - OPERATING ROOM ENVIRONMENT - 3.0 credits**

The purpose of this course is to introduce the principles of the health care facility, which includes the perioperative environment, facility department functions and health care administration. The student will become familiar with operating room design, team approach to the surgical patient, staffing roles and environmental hazards such as technical risks, chemical risks and musculoskeletal risks.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor   | Fees  | Status                               | Note                                     |
|-------|------|---------------|----------|----------------|----------|--------------|---|--------------------------------------|--|
|       | T    | 05:00P-08:00P | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HEITKAMPER J | \$12.00 Per Course -ONLINE EARNING FEE  | Open 0 Enrolled / 20 Seats Available | Class meets via Zoom during time listed. |
|       | T    | 09:00A-12:00P | B126     | Apr 6 - Jun 23 | HYBRID   | SERBA A      | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |  |

SURGICAL TECH

**SURG 106 - SURGICAL PROCEDURES I - 3.0 credits**

The student will gain practical knowledge of surgical specialties, indications/diagnoses, relevant anatomy, terminology, patient preparation and possible complications. The student will also be introduced to relevant equipment, instrumentation, supplies and how to properly set up for procedures.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MT   | 09:00A-12:00P | B208     | Apr 6 - Jun 22 | HYBRID   | GRAHAM M   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 109 - SKILLS LABORATORY I - 6.0 credits**

This course is designed for students to learn and demonstrate their ability to correctly apply the principles and practices of surgical techniques. Laboratory experience is focused on the students developing a satisfactory level of performance of safety and aseptic technique to enter into the clinical setting. Students will learn the proper sequence of the surgical scrub, gowning and gloving, establishing and maintaining a sterile field, draping materials, needles, sutures, basic instrumentation and transporting patients. Students will also learn to function in the first scrub role.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | WTh  | 08:00A-02:30P | B208     | Apr 7 - Jun 23 | FACE-TO-FACE | GRAHAM M   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 112 - PROFESSIONAL PREPARATION I - 1.0 credits**

Students participate in Part I of the Certification Exam Review, including lecture, worksheets and graded practice quizzes.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | F    | 09:00A-10:00A | B126     | Apr 9 - Jun 18 | HYBRID   | SERBA A    | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$247.00 Per Quarter -SURG.TECH EXAM FEES | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 132 - PHARMACOLOGY - 3.0 credits**

The learner will analyze the principles of anesthesia administration. Students will compare and contrast method agents and techniques of anesthesia administration, and preparation. In addition the students will calculate medications, conversions and dosages, to prepare and manage medications for the surgical patient.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | MT   | 09:00A-12:00P | B208     | Apr 6 - Jun 22 | HYBRID   | GRAHAM M   | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 180 - HUMAN RELATIONS - 3.0 credits**

This is a professionalism class involving students in the basic aspects of professional management, risk management, communication skills, teamwork, legal, ethical and moral issues. The student will also learn about documentation and health care facility organization and management. Skills specific to the surgical technology profession are emphasized.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | F    | 12:00P-02:30P | B126     | Apr 9 - Jun 18 | HYBRID   | SERBA A    | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

SURGICAL TECH

**SURG 194 - OPERATING ROOM CLINICAL PRACTICUM I - 11.0 credits**

The learner will gain practical experience in an operating room, surgery center or other surgery based clinical experience. The student will demonstrate clinical skills, work ethic and desirable employee traits.

| Item# | Days     | Time    | Location | Date           | Delivery     | Instructor | Fees   | Status                               | Note |
|-------|----------|---------|----------|----------------|--------------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | OFFSITE  | Apr 6 - Jun 23 | FACE-TO-FACE | SERBA A    | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$110.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 20 Seats Available |      |

SURVEYING

**SUR 103 - CONSTRUCTION SURVEYING - 4.0 credits**

Students learn the theory of route and construction staking and boundary staking using traditional and modern techniques. This course introduces field staking techniques and reporting and includes lot corner staking, pipeline, route and slope staking, building and site staking, and blue-topping. Students use tapes, total stations, data collectors, and GNSS to achieve their goals.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees                                       | Status                               | Note   |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|--|
|       | MT   | 08:00A-01:30P | J205     | Apr 6 - Jun 23 | HYBRID   | PAQUETTE M | \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 24 Seats Available | Students have the option to attend in-person on Monday or Tuesday. |

SURVEYING

**SUR 164 - FIELD SURVEY CALCULATIONS - 4.0 credits**

Students learn the practical application of mathematical theory to the solution of grades, horizontal and vertical curves, coordinate geometry, intersection problems, volumes, and the practical use of complex numbers.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PAQUETTE M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

SURVEYING

**SUR 175 - COMMUNICATIONS - 3.0 credits**

Emphasis is on written forms in the Land Surveying profession. Students research and gather data and complete projects in resume writing, business letters and technical reports. Students gain proficiency in English usage as it pertains to professional communications and appropriate presentation of information and concepts.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PAQUETTE M | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

SURVEYING

**SUR 248 - INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS - 3.0 credits**

This course provides an introduction to the concepts and uses of Geographic Information Systems for Land Surveyors. Students are familiarized with the science and technology of GIS. Students consider the unique role of surveyors in the creation and maintenance of GIS's. They are given hands-on laboratory introduction to the use of leading GIS software.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                     | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | KULISH M   | \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

SURVEYING

**SUR 249 - SURVEY RESEARCH AND PROJECT PLANNING - 3.0 credits**

Students learn to do research at county, state and federal offices, title companies, and private sources for boundary, control and utilities. Several field trips provide exposure and opportunities to do individual research and plan survey projects.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | BANKS V    | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

#### SURVEYING

##### **SUR 256 - LAND DEVELOPMENT - 3.0 credits**

This course covers the many aspects of land development from legal requirements, urban planning, zoning, project planning and subdivision geometry to the engineering design of grading, drainage, streets and earthwork.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | HARRISON M | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

#### SURVEYING

##### **SUR 281 - BUSINESS FUNDAMENTALS AND ETHICS - 2.0 credits**

This course covers basic accounting, project accounting, estimating, contract basics, licensing requirements, small business management, customer relations, marketing, professional organizations and professional ethics.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | PAQUETTE M | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 24 Seats Available |      |

#### SURVEYING-SUPPL

##### **SURS 110 - BASIC SURVEYING I - 4.0 credits**

Learn basic surveying principles: distance measurement, leveling, datums, angles and directions, right angle trigonometric functions, total stations, traversing and traverse calculations. Calculator with trigonometric functions required. Field lab time is included.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees | Status                               | Note  |
|-------|------|---------------|----------|----------------|----------|------------|------|--------------------------------------|---|
| L662  | W    | 05:00P-09:00P | J205     | Apr 7 - Jun 16 | HYBRID   | PAQUETTE M |      | Open 0 Enrolled / 15 Seats Available | This class meets in-person on campus on 4/21 and 5/19 only. Students meet online during the listed time for the remaining Wednesdays. |

#### VETERINARY ASSISTANT

##### **VET 105 - VETERINARY ASSISTING III - 5.0 credits**

This course is a continuation of VET 100 and VET 104. Topics include more advanced medical terminology and restraint techniques, surgical preparation, instrument identification and care, anesthesia, aseptic techniques, radiology, dentistry, nursing care and alternative therapies. Students work individually and in groups to continue development of the skill required in veterinary assisting.

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | WTh  | 06:30P-08:00P | B114     | Apr 7 - Jun 23 | HYBRID   | ROEDE L    | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$100.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 10 Seats Available |      |

| Item# | Days | Time          | Location | Date           | Delivery | Instructor | Fees   | Status                               | Note |
|-------|------|---------------|----------|----------------|----------|------------|--|--------------------------------------|------|
|       | WTh  | 01:30P-03:00P | B114     | Apr 7 - Jun 23 | HYBRID   | ROEDE L    | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$100.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 10 Seats Available |      |
|       | WTh  | 05:00P-06:30P | B114     | Apr 7 - Jun 23 | HYBRID   | ROEDE L    | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$100.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 10 Seats Available |      |
|       | WTh  | 12:00P-01:30P | B114     | Apr 7 - Jun 23 | HYBRID   | ROEDE L    | \$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$100.00 Per Course -CLINICAL PLCMT FEE | Open 0 Enrolled / 10 Seats Available |      |

#### VETERINARY ASSISTANT

##### VET 181 - HUMAN RELATIONS/WORKPLACE SKILLS - 3.0 credits

Topics include assertiveness, customer relations, teamwork, problem solving/conflict resolution, business and work ethics, organizational skills, employment rights and responsibilities, equity and cultural issues, decision making, and self-esteem. Students will prepare a resume and cover letter in preparation for employment.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROEDE L    | \$12.00 Per Course -ONLINE ELEARNING FEE ; \$25.00 Per Course -DOSIMETER BDG VET TECH | Open 0 Enrolled / 20 Seats Available |      |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | ROEDE L    | \$12.00 Per Course -ONLINE ELEARNING FEE ; \$25.00 Per Course -DOSIMETER BDG VET TECH | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

##### WELD 101 - THERMAL CUTTING - 3.0 credits

Learn to use personal protective equipment, understand welding processes and methods of application. Instruction in track burning includes both straight and beveled cuts on mild steel. Plasma arc cutting includes manual cutting of sheet and plate steel and other alloys. Air carbon arc cutting includes back gouging and weld removal.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

##### WELD 102 - OXYACETYLENE WELDING AND BRAZING - 7.0 credits



Includes oxyacetylene welding in multiple positions on mild steel sheet metal and brazing in the flat position on mild steel plate and sheet; on the safe use of an oxyacetylene cutting torch, including straight, radius and circular cuts on steel and flushing on steel plate. Instruction in track burning includes both straight and beveled cuts on mild steel.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor   | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|--------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R      | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E     | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRIDGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

##### WELD 105 - SHIELDED METAL ARC WELDING I - 7.0 credits

Students receive individualized instruction in shielded metal arc welding in multiple positions on mild steel plate with E6010 and E6011 electrodes. Learn to use personal protective equipment, understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor   | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|--------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R      | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E     | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRIDGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

##### WELD 106 - SHIELDED METAL ARC WELDING II - 7.0 credits

Individualized instruction continues in shielded metal arc welding in multiple positions on mild steel plate with E7018 electrodes. Practice good safety habits; understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R    | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E   | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                                     | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--|------|
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |

WELDING

**WELD 110 - FLUX CORED ARC WELDING - 7.0 credits**

This course includes individualized instruction in both gas shielded and self-shielded flux cored arc welding with E71T-1 and E71T-6 electrodes on mild plate in multiple positions. Learn to use personal protective equipment, understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                                     | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |

WELDING

**WELD 111 - GAS METAL ARC WELDING - 7.0 credits**

This course includes individualized instruction in the following types of gas metal arc welding: short circuited arc with E70S-3 on mild steel sheet in multiple positions, spray arc with E70S-3 electrodes on mild steel plate in multiple positions, and spray arc with aluminum 5356 electrodes in multiple positions. Use personal protective equipment; understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                                     | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0<br>Enrolled / 20<br>Seats Available |      |

WELDING

**WELD 114 - GAS TUNGSTEN ARC WELDING I - 7.0 credits**

Receive individualized instruction in gas tungsten arc welding on mild steel plate and sheet with ER70S-X rod in multiple positions; on stainless steel in multiple positions using 308, 309 and 316 filler rod; and on aluminum sheet in multiple positions using 4043 and 5356 filler rod. Use personal protective equipment; understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

#### WELD 115 - GAS TUNGSTEN ARC WELDING II - 6.0 credits

Continue individualized instruction in gas tungsten arc welding on mild steel plate and sheet with ER70S-X rod in multiple positions; on stainless steel in multiple positions using 308, 309 and 316 filler rod; and on aluminum sheet in multiple positions using 4043 and 5356 filler rod. Use personal protective equipment; understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

#### WELDING

#### WELD 120 - MIG ALUMINUM - 5.0 credits

This course includes individualized instruction in the following types of gas metal arc welding: spray arc with aluminum 5356 electrodes in multiple positions, and pulse spray arc with aluminum. Use personal protective equipment; understand welding processes and methods of application, and welding electricity and physics basics.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R    | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E   | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|--------------------------------------|------|
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

WELDING

**WELD 136 - WELDING METALLURGY - 3.0 credits**

Students learn the basics of welding metallurgy and inspection: steel properties, identification, specifications, hardenability and weldability and weld inspection.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor | Fees  | Status                               | Note |
|-------|-------|---------------|----------|----------------|--------------|------------|---|--------------------------------------|------|
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E   | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Open 0 Enrolled / 20 Seats Available |      |

WELDING

**WELD 138 - CERTIFICATION SMAW - 7.0 credits**

This course provides practice time for the SMAW process. The goal is to fine-tune welding skills in order to gain welding certifications. PREREQUISITE(S): Instructor permission.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                 | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

WELDING

**WELD 140 - CERTIFICATION GMAW/FCAW - 6.0 credits**

This course provides practice time for the GMAW and FCAW processes. The goal is to fine-tune welding skills in order to gain welding certifications. PREREQUISITE(S): Instructor permission.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                 | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 -        | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status | Note |
|-------|------|------|----------|--------|----------|------------|------|--------|------|
|       |      |      |          | Jun 23 |          |            |      |        |      |

#### WELDING

##### WELD 142 - PIPE WELDING I - 6.0 credits

This advanced course is an option within the day time Welding program. The course includes SMAW and/or GTAW to weld various diameters of pipe to WABO standards. WABO testing is optional. PREREQUISITE(S): Instructor permission.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                 | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

#### WELDING

##### WELD 143 - PIPE WELDING II - 6.0 credits

This advanced course is an option within the day time Welding program. The course includes SMAW and/or GTAW to weld various diameters of pipe to WABO standards. WABO testing is optional. PREREQUISITE(S): Completion of WELD 142 with a 2.0 or higher, and instructor permission.

| Item# | Days  | Time          | Location | Date           | Delivery     | Instructor       | Fees  | Status                 | Note |
|-------|-------|---------------|----------|----------------|--------------|------------------|---|------------------------|------|
|       | DAILY | 07:00A-12:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | GEIST R          | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 12:00P-05:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | STUART E         | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |
|       | DAILY | 05:00P-10:00P | A1       | Apr 6 - Jun 23 | FACE-TO-FACE | WOODBRI<br>DGE P | \$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE | Permission Code Needed |      |

#### WELDING-SUPPL

##### WELDS180 - INTRODUCTION TO WELDING - 4.0 credits

Students receive individualized instruction to learn basic welding processes, oxy-fuel safety and cutting, plasma cutting, base metal preparation, equipment and setup, and weld quality. Students will have the opportunity to weld with one or more processes including gas welding, stick and MIG. This course is designed for hobbyists as well as individuals interested in career exploration or advancements. If you have a welding machine in your garage, this course will teach you to use it! This course may be repeated.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor  | Fees                               | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|-------------|------------------------------------|--------------------------------------|------|
| K650  | TTh  | 05:30P-09:30P | A1       | Apr 6 - Jun 17 | FACE-TO-FACE | WOODBIDGE P | \$495.00 Per Course - STU FUND-T&I | Open 0 Enrolled / 20 Seats Available |      |

WELDING-SUPPL

**WELDS182 - INTERMEDIATE WELDING - 4.0 credits**

The student will learn welding vocabulary, welding theory, safe handling practices and set-up of all related welding equipment with individualized instruction. Students will weld using one or more welding processes used in industries such as manufacturing, structural, automotive, and artistic sculpture work. Welding processes include sticf, MIG, Flux Core, TIG and Oxy-fuel welding. An introduction to torch and plasma cutting is included. Preparation for WABO certification is an option. This course may be repeated.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor  | Fees                               | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|-------------|------------------------------------|--------------------------------------|------|
| K652  | TTh  | 05:30P-09:30P | A1       | Apr 6 - Jun 17 | FACE-TO-FACE | WOODBIDGE P | \$495.00 Per Course - STU FUND-T&I | Open 0 Enrolled / 20 Seats Available |      |

WELDING-SUPPL

**WELDS184 - ADVANCED WELDING I - 4.0 credits**

This course is designed for an experienced welder to continue building their skill set with individualized instruction. This course focuses on all position welding and weld quality and appearance. Students will learn common welding tests and techniques. WABO certification is available in all welding processes. This course may be repeated.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor  | Fees                               | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|-------------|------------------------------------|--------------------------------------|------|
| K654  | TTh  | 05:30P-09:30P | A1       | Apr 6 - Jun 17 | FACE-TO-FACE | WOODBIDGE P | \$495.00 Per Course - STU FUND-T&I | Open 0 Enrolled / 20 Seats Available |      |

WELDING-SUPPL

**WELDS186 - ADVANCED WELDING II - 4.0 credits**

This course is designed for an experienced welder to improve skills with individualized instruction. Options in this course include pipe welding and certifications as well as stainless steel and aluminum in any process and all positions. WABO certification is available in all welding processes. This course may be repeated.

| Item# | Days | Time          | Location | Date           | Delivery     | Instructor  | Fees                               | Status                               | Note |
|-------|------|---------------|----------|----------------|--------------|-------------|------------------------------------|--------------------------------------|------|
| K656  | TTh  | 05:30P-09:30P | A1       | Apr 6 - Jun 17 | FACE-TO-FACE | WOODBIDGE P | \$495.00 Per Course - STU FUND-T&I | Open 0 Enrolled / 20 Seats Available |      |

WORKFORCE & TRADES

**WTD 109 - SAFETY, TOOL AND EQUIPMENT CERTIFICATION - 3.0 credits**

Participants receive state approved training in the safe operation of a traffic control (flagging) and powder-actuated tools. Students can receive certification in each of these areas. Students earn the Industrial First Aid/CPR & AED certification, which includes general principles of first aid, medical emergencies, injury emergencies, environmental emergencies, blood borne pathogens and safety precautions. This course includes OSHA 10 certifications. Upon completion of written exam and skills evaluation, an AHA card is issued. The Industrial First Aid/CPR & AED certification is approved by OSHA and WISHA (Labor and Industries).

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees  | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|---|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 2 Enrolled / 38 Seats Available |      |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 -        | ONLINE   | MULLINS-SUSS | \$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$12.00 Per Course -ONLINE ELEARNING FEE | Open 0 Enrolled / 40                 |      |

| Item# | Days | Time | Location | Date   | Delivery | Instructor | Fees | Status          | Note |
|-------|------|------|----------|--------|----------|------------|------|-----------------|------|
|       |      |      |          | Jun 23 |          |            |      | Seats Available |      |

WORKFORCE & TRADES

**WTD 168 - TRADES MATH I - 4.0 credits**

This course is taught with a vocational emphasis to develop and deepen students' conceptual understanding of mathematics by their chosen pathway as well as develop proficiency in problem-solving with whole numbers, fractions, decimals, and percentages. Students are introduced to Ohm's Law and basic electrical math principles. Students study ratio and proportion, geometry, and basic algebra as applied to the construction trades.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 2 Enrolled / 38 Seats Available |      |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 40 Seats Available |      |

WORKFORCE & TRADES

**WTD 175 - COMMUNICATION FOR TRADES - 1.0 credits**

Introduction to the communication skills needed in the construction, maintenance, and manufacturing trades. Students will develop team work and industry communication skills.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 2 Enrolled / 38 Seats Available |      |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 40 Seats Available |      |

WORKFORCE & TRADES

**WTD 180 - HUMAN RELATIONS FOR TRADES - 2.0 credits**

Introduction to the communication skills needed to locate, interview for, and negotiate employment in the construction, maintenance, and manufacturing trades. Human relations in the workplace are covered under such topics as goal setting, time management, sexual harassment prevention, and effective communication. Students develop a job search plan, resume, and cover letter.

| Item# | Days     | Time    | Location | Date           | Delivery | Instructor   | Fees                                   | Status                               | Note |
|-------|----------|---------|----------|----------------|----------|--------------|--|--------------------------------------|------|
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 40 Seats Available |      |
|       | ARRANGED | ARR-ARR | ONLINE   | Apr 6 - Jun 23 | ONLINE   | MULLINS-SUSS | \$12.00 Per Course -ONLINE EARNING FEE | Open 0 Enrolled / 40 Seats Available |      |

\*Where are the Item #s? If you cannot see the Item #, they are intentionally not published. Please contact [Enrollment Services](#) or your [instructor](#) to get the Item #s that you need.

†Course Fees are fees that are related to a particular course. They do not include tuition, fees associated with tuition, admission fees, application fees, book costs, or other costs not related to the course. They typically include lab fees, supply fees, or pass through fees. For more information on tuition and fees, please visit the [Tuition and Fees](#) web page.

‡The Status of the class is refreshed once a day. For most up-to-date information, please contact [Enrollment Services](#).