

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.

[How To Read The Class Schedule](#)

[College & Career Pathways](#)

[Renton Emergency Preparedness Academy](#)

[Register & Enroll](#)

[Find Books](#)

[Check Tuition & Fees](#)

[Apply for Financial Aid](#)

[Plan with Degree Audit](#)

[View College Catalog](#)

Quarter Summer 2020 |
 Department - Any - |
 Delivery - Any - FACE-TO-FACE HYBRID ONLINE FLEX |
 Keywords |
 Status - Any - Open Classes Only |
 Instructor

AERO & IND PROD TECH

IPT 104B - INTRODUCTION TO AIRCRAFT STRUCTURES LAB - 2.0 credits

In this course, students learn the importance of aircraft ground/bonding sealing, corrosion prevention, and to identify the characteristics of metals achieving a good working knowledge of material compositions, and their ability to perform under certain conditions. The student will be able to analyze the facts and principles drawing conclusions about metal identification and its characteristics. Specific skills include APT rivet identification, rivet pattern layout, drill bit identification, and nut plates, blind fastener, and latch identification. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	MT	08:00A-12:00P	Jul 6 - Aug 27	A25	FACE-TO-FACE	PHILLIPS V	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 6 Enrolled / 6 Seats Available	
	MT	12:00P-04:00P	Jul 6 - Aug 27	A25	FACE-TO-FACE	PHILLIPS V	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 3 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	Date	Location	Delivery	Instructor	Fees	Status	Note
N140	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	MOHIBULLAH H	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 16 Enrolled / 11 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N444	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	WALL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 19 Enrolled / 6 Seats Available	
G501	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	COOKSEY M	\$12.00 Per Course -ONLINE ELEARNING FEE	Full	
G504	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	CHAKRABARTI	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 21 Enrolled / 6 Seats Available	

APPLIED MATHEMATICS

AMATH175S - INDUSTRIAL MATH FOR THERMODYNAMICS - 2.0 credits

AMATH175 - INDUSTRIAL MATH FOR THERMODYNAMICS - 2.0 credits

This course provides the skills to calculate pressure and temperature ratios, superheat zones, heat loss, refrigerant load requirements and operational cost.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
K165	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 21 Enrolled / 19 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N446	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	WALL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 19 Enrolled / 6 Seats Available	
G503	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	COOKSEY M	\$12.00 Per Course -ONLINE ELEARNING FEE	Full	
G513	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	CHAKRABARTI	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 21 Enrolled / 6 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): AMATH 190 with a 2.0 or higher, or placement.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
G313	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 14 Enrolled / 13 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 12	K121	FACE-TO-FACE	SPANIEL T	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 12 Enrolled / 10 Seats Available	

AUTO/FORD ASSET**FAS 124 - CLIMATE CONTROL SYSTEMS - 4.0 credits**

This course prepares students for Ford Motor Company Service Technician Specialty Training certification in specialty 51, Diesel Engine Performance, and specialty 52, Diesel Engine Repair through web-based, classroom and lab instruction. Students learn basic diesel operation, as well as proper use of special diesel diagnostic tools and equipment.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 12	K121	FACE-TO-FACE	HOAGLIN R	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 12 Enrolled / 10 Seats Available	

AUTO/FORD ASSET**FAS 223B - ENGINE PERFORMANCE LAB - 8.0 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). This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 12	K121	FACE-TO-FACE	THOMPSON B	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 12 Enrolled / 10 Seats Available	

AUTOBODY REPAIR**ABDY 116B - AUTOBODY PLASTICS REPAIR AND REFINISHING LAB - 3.0 credits**

Students are taught how to identify, repair, and refinish plastics and composites used in late model vehicles. Training prepares students for certification in I-CAR Non-Structural Technician, ProLevel I. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOBODY REPAIR**ABDY 123B - STRAIGHTENING METAL LAB - 3.0 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 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. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOBODY REPAIR

ABDY 128B - AUTOBODY STRUCTURE AND MECHANICS LAB - 4.0 credits

Students study basic mechanical principles such as four-whell 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. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOBODY REPAIR

ABDY 232B - IMPACT ANALYSIS AND REPAIR LAB - 1.0 credits

Students perform several different structural sectioning techniques on different structural members to I-CAR and industry standards. Using state-of-the-art frame and unibody straightening benches, students align auto body frames and shells. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOBODY REPAIR

ABDY 234B - AUTOBODY CONSTRUCTION II LAB - 1.0 credits

Using damaged autos, students install and align various auto body panels and glass to industry standards. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOBODY REPAIR

ABDY 235B - DOOR AND QUARTER PANEL REPLACEMENT LAB - 6.0 credits

Students replace an outer door panel and a quarter panel on damaged vehicle in the shop. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K103	FACE-TO-FACE	ERVIN S	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOMOTIVE TECH

AUTC 112B - MAINTENANCE AND LIGHT REPAIR LAB - 4.0 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. Prerequisites: Concurrent enrollment in AUTC 101 or Articulated MLR program. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K111	FACE-TO-FACE	HOAGLIN R	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 13 Seats Available	

AUTOMOTIVE TECH

AUTC 117B - ELECTRICAL SYSTEMS LAB - 4.0 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 AUTC101 and AUTC 112. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K111	FACE-TO-FACE	HOAGLIN R	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 13 Seats Available	

AUTOMOTIVE TECH

AUTC 118 - BRAKES - 4.0 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. Prerequisites: AUTC 101, AUTC 112, AUTC 117.

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

	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K133	FACE-TO-FACE	TAKATA W BAKER- SHERMA	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 14 Enrolled / 8 Seats Available	
--	-------	---------------	----------------	------	--------------	------------------------------	---	--------------------------------------	--

AUTOMOTIVE TECH

AUTC 118B - BRAKES LAB - 2.0 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. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ARR	FACE-TO-FACE	BAKER-SHERMA	\$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 124 - HEATING AND AIR CONDITIONING - 2.0 credits

Students learn heating and air conditioning 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: refrigeration systems, heating systems, ventilation systems, engine cooling systems, operational controls, and refrigerant recovery, recycling and handling. Students perform refrigerant recovery and recycling per EPA regulations and prepare for EPA recycling certification. Students prepare for ASE Certification A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K133	FACE-TO-FACE	TAKATA W BAKER- SHERMA	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	

AUTOMOTIVE TECH

AUTC 124B - HEATING AND AIR CONDITIONING LAB - 1.0 credits

Students learn heating and air conditioning 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: refrigeration systems, heating systems, ventilation systems, engine cooling systems, operational controls, and refrigerant recovery, recycling and handling. Students perform refrigerant recovery and recycling per EPA regulations and prepare for EPA recycling certification. Students prepare for ASE Certification A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ARR	FACE-TO-FACE	BAKER-SHERMA	\$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 124B - HEATING AND AIR CONDITIONING LAB - 2.0 credits

Students learn heating and air conditioning 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: refrigeration systems, heating systems, ventilation systems, engine cooling systems, operational controls, and refrigerant recovery, recycling and handling. Students perform refrigerant recovery and recycling per EPA regulations and prepare for EPA recycling certification. Students prepare for ASE Certification A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K111	FACE-TO-FACE	FOBES M	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K134	FACE-TO-FACE	URYASH D	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Cancelled	

AUTOMOTIVE TECH

AUTC 132 - STEERING AND SUSPENSION - 4.0 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: AUTC 101, AUTC 112, AUTC 117.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K133	FACE-TO-FACE	TAKATA W BAKER- SHERMA	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 14 Enrolled / 8 Seats Available	

AUTOMOTIVE TECH

AUTC 132B - STEERING AND SUSPENSION LAB - 2.0 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: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ARR	FACE-TO-FACE	BAKER-SHERMA	\$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 226 - ADVANCED ELECTRONICS - 2.0 credits

Students learn advanced automotive electronics 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: electrical system diagnosis, battery diagnosis and service, starting system diagnosis and repair, charging system diagnosis and repair, lighting systems diagnosis and repair, driver information systems, horns, wiper/washer systems, accessories (locks/keyless entry, power windows, cruise control, airbags, anti-theft). Advanced concepts include: computerized control systems, sensor operation and diagnosis, actuator operation and diagnosis, the use of scan tools, lab scopes, and on-board diagnostic systems. Students prepare for ASE Certification test A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K133	FACE-TO-FACE	TAKATA W BAKER- SHERMA	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 14 Enrolled / 8 Seats Available	

AUTOMOTIVE TECH

AUTC 226B - ADVANCED ELECTRONICS LAB - 1.0 credits

Students learn advanced automotive electronics 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: electrical system diagnosis, battery diagnosis and service, starting system diagnosis and repair, charging system diagnosis and repair, lighting systems diagnosis and repair, driver information systems, horns, wiper/washer systems, accessories (locks/keyless entry, power windows, cruise control, airbags, anti-theft). Advanced concepts include: computerized control systems, sensor operation and diagnosis, actuator operation and diagnosis, the use of scan tools, lab scopes, and on-board diagnostic systems. Students prepare for ASE Certification test A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ARR	FACE-TO-FACE	BAKER-SHERMA	\$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 226B - ADVANCED ELECTRONICS LAB - 2.0 credits

Students learn advanced automotive electronics 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: electrical system diagnosis, battery diagnosis and service, starting system diagnosis and repair, charging system diagnosis and repair, lighting systems diagnosis and repair, driver information systems, horns, wiper/washer systems, accessories (locks/keyless entry, power windows, cruise control, airbags, anti-theft). Advanced concepts include: computerized control systems, sensor operation and diagnosis, actuator operation and diagnosis, the use of scan tools, lab scopes, and on-board diagnostic systems. Students prepare for ASE Certification test A-6. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K111	FACE-TO-FACE	FOBES M	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K134	FACE-TO-FACE	URYASH D	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Cancelled	

AUTOMOTIVE TECH

AUTC 228B - ENGINE REPAIR AND SHOP COMPUTATIONS LAB - 4.0 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: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K134	FACE-TO-FACE	FOBES M	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 14 Enrolled / 8 Seats Available	

AUTOMOTIVE TECH

AUTC 233B - MANUAL DRIVE TRAIN AND AXLES LAB - 4.0 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. Prerequisites: AUTC 101, AUTC 112, AUTC 117. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-01:30P	Jul 6 - Aug 27	K134	FACE-TO-FACE	FOBES M	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 14 Enrolled / 8 Seats Available	

BASIC STUDIES

BAST 010 - ORIENTATION AND EDUCATIONAL PLANNING - 1.0 credits

This course will (a) introduce adult learners to the learning options in the department, (b) provide learning assessment, (c) explore student goals and challenges to develop a personal learning plan, and (d) provide orientation to online learning tools. Students must complete this orientation prior to attending other courses in the department.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
E700	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ALI J		Open 0 Enrolled / 25 Seats Available	

BASIC STUDIES

BAST 043 - BRIDGE TO HEALTH AND HUMAN SERVICES (CS TECH) - 2.5 credits

This course is designed for intermediate and advanced ELL students who are interested in entering the Central Service Technician program in the fall. It will introduce students to the vocabulary, health concepts, reading, listening, math, speaking, and writing skills needed to succeed in the CST program.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
D800	TWTh	09:00A-11:15A	Aug 17 - Sep 11	ONLINE	HYBRID	ALI J		Open 16 Enrolled / 9 Seats Available	

BASIC STUDIES

BAST 044 - BRIDGE TO INFORMATION TECHNOLOGY PROGRAMS - 3.0 credits

This course will prepare students for RTC's Computer Science and Computer Network Technology programs. It will cover computer basics such as typing, using Windows, and using the internet. The course will also further develop students' reading, listening, writing, and speaking skills in the context of technology. It is designed for CCP students who are interested in computers, but who are not confident in their computer skills.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
D700	MTWTh	09:00A-10:50A	Aug 17 - Sep 11	ONLINE	HYBRID	OLSON H		Open 16 Enrolled / 9 Seats Available	

BASIC STUDIES

BAST 087 - MATH IN HEALTH AND FITNESS - 2.0 credits

This contextualized course integrates math instruction with instruction focused on health and fitness. Possible topics include but are not limited to: the scientific method, nutrition, epidemiology, biology, anatomy, and physiology. This competency-based class allows students to demonstrate skills and knowledge, and earn possible high school credit equivalents in Science, Health, Physical Education, Math, and/or elective credits.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
D503	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	MEZA A		Open 19 Enrolled / 6 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N460	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	SZABO D	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 20 Enrolled / 5 Seats Available ; Waitlist / 14 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N440	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	STOVER C	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 14 Enrolled / 11 Seats Available ; Waitlist / 11 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N442	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	STOVER C	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 13 Enrolled / 12 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	Date	Location	Delivery	Instructor	Fees	Status	Note
N496	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BABEL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 21 Enrolled / 4 Seats Available ; Waitlist / 1 Students on Waitlist	
N428	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BABEL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 21 Enrolled / 4 Seats Available ; Waitlist / 3 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
Q209	ARRANGED	ARR-ARR	Jul 11 - Sep 19	ONLINE	ONLINE	DUONG L	\$999.00 Per Course -STU FUND-T&I	Open 4 Enrolled / 26 Seats Available	No class on 9/5

BUSINESS

BUS& 201 - BUSINESS LAW - 5.0 credits

This course provides an introduction to the fundamental principles of law and the American legal system including its social, political, and philosophical roots. It examines the origin, evolution, and concepts of the law and judicial system, including torts, contracts, agency, Uniform Commercial Code, Constitutional law, forms of business organizations, consumer protection and governmental regulation of business. The emphasis is on gaining a practical understanding of these topics.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
B371	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	NEWCOME J	\$12.00 Per Course -ONLINE EARNING FEE	Open 28 Enrolled / 2 Seats Available	

CENTRAL SERVICE TECH

CST 100 - CENTRAL SERVICE TECHNICIAN FUNDAMENTALS - 8.0 credits

The student learns the role and responsibilities of a Central Service Technician including regulations and standards, surgical instrumentation, cleaning and decontaminations, disinfection, sterilization, packaging and storing. Students demonstrate knowledge of legal issues, HIPAA, safety precautions/preventions. Student must model professional appearance, value diversity in the workplace and possess the ability to communicate effectively and professionally with patients and staff. Students demonstrate knowledge of quality assurance and quality control and adhere to policies and procedures used in the clinical setting.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	KNOX A	\$14.45 Per Year -MED MAL & GEN LIAB INS ; \$12.00 Per Course -ONLINE EARNING FEE	Open 9 Enrolled / 11 Seats Available	

CENTRAL SERVICE TECH

CST 102 - HEALTHCARE PROVIDER FIRST AID/CPR,AED&BLOODBORNE - 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, and bloodborne 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Aug 13 - Aug 13	ARR	FACE-TO-FACE	ZYDEK P	\$12.00 Per Course -ONLINE EARNING FEE	Open 0 Enrolled / 20 Seats Available	
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ARR	FACE-TO-FACE	KNOX A	\$12.00 Per Course -ONLINE EARNING FEE	Open 0 Enrolled / 20 Seats Available	

CENTRAL SERVICE TECH

CST 102 - 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 bloodborne 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	KNOX A ZYDEK P	\$12.00 Per Course -ONLINE EARNING FEE	Open 9 Enrolled / 11 Seats Available	

CENTRAL SERVICE TECH

CST 104 - CENTRAL SERVICE BASIC SCIENCES - 3.0 credits

Course covers the basic principles of microbiology, human anatomy and medical terminology and how it pertains to infection control and communication in sterile processing.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	KNOX A	\$12.00 Per Course -ONLINE EARNING FEE	Open 9 Enrolled / 11 Seats Available	

CENTRAL SERVICE TECH

CST 105 - CENTRAL SERVICE TECHNICIAN SKILLS LABORATORY - 3.0 credits

Students are introduced to and perform some of the basic hands-on tasks required of a Central Service Technician. This includes the wrapping of items for sterilization, learning both envelope and sequential folding styles, and proper methods for heat sealing sterilization techniques. Students are expected to identify a minimum of 100 instruments and assemble into surgical trays. Students are given an overview of the proper handling and processing of endoscopes.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	KNOX A	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 9 Enrolled / 11 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	Date	Location	Delivery	Instructor	Fees	Status	Note
N400	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BABEL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 17 Enrolled / 8 Seats Available ; Waitlist / 18 Students on Waitlist	

CHEMISTRY

CHEM&131 - INTRODUCTION TO ORGANIC AND BIOLOGICAL CHEMISTRY - 5.0 credits

Introduction to organic chemistry and biochemistry includes study of the nomenclature, structure, reactions and synthesis of organic compounds and biochemistry applications in nursing field. Structure and properties of the major classes of organic compounds with particular reference to organic molecules and their relationship to polymers, such as carbohydrates, lipids, proteins, and nucleic acids. Course is primarily intended for those who are interested in the application of the principles of organic chemistry and biochemistry to related areas of science such as genetics, microbiology, physiology, and nutrition. Course learning involves lectures and labs. General education distribution area: Natural Science, with lab. PREREQUISITE(S): Completion of CHEM& 121, with a 2.0 or higher, or instructor permission.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
N762	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BABEL S	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 14 Enrolled / 11 Seats Available	

COMMERCIAL BLDG ENG

CBE 113B - PREVENTIVE MAINTENANCE LAB - 2.0 credits

This course covers developing, implementing, and using manual and computerized preventive maintenance programs for the electrical, plumbing and HVAC systems found in the industrial and commercial maintenance field. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	MW	12:30P-02:30P	Jul 6 - Aug 27	E415	HYBRID	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

COMMERCIAL BLDG ENG

CBE 118 - CRITICAL SYSTEMS - 4.0 credits

This course is the study of the fundamentals of mission critical systems designed to maintain reliability, availability and resiliency of electrical, mechanical, and digital systems. Students in the industrial and commercial building maintenance field will learn the skills needed to operate and maintain mission critical equipment and systems.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	MW	08:00A-10:00A	Jul 6 - Aug 27	E415	FACE-TO-FACE	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	COOK J	\$12.00 Per Course -ONLINE ELEARNING FEE	Permission Code Needed	

COMMERCIAL BLDG ENG

CBE 170 - COMMUNICATIONS FOR THE STATIONARY ENGINEER - 2.0 credits

This course helps students develop the general communication skills required in the industrial and commercial maintenance environment. The course includes written, oral, and interpersonal communications as used by maintenance electrical, plumbing workers.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	MW	02:45P-03:45P	Jul 6 - Aug 27	E415	HYBRID	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

COMMERCIAL BLDG ENG

CBE 202B - ADVANCE DIRECT DIGITAL CONTROLS LAB - 3.0 credits

This course provides a more advanced study of direct digital controls related to HVAC systems used in the commercial maintenance field. Part of this course is a hands-on lab featuring components, system construction, wiring and programming at the field panel equipment level. Prerequisite: CBE 201 or instructor permission. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	TTh	02:00P-04:30P	Jul 6 - Aug 27	E415	HYBRID	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

COMMERCIAL BLDG ENG

CBE 203 - ENERGY CONSERVATION - 4.0 credits

This course will explore the utility companies' rebate programs, power factor considerations, and water conservation techniques in commercial buildings. This course also covers basic energy calculations, metering and monitoring, lighting, automation systems, combustion devices, steam and condensate systems, HVAC systems, project management, energy audits, and energy bills.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	TTh	04:30P-06:30P	Jul 6 - Aug 27	E415	HYBRID	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

COMMERCIAL BLDG ENG

CBE 211 - PROGRAMMABLE LOGIC CONTROLS - SIEMEINS - 3.0 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 the Siemens PLC system to study software programming, architectures, ladder logic, I/O modules, basic numbering systems, computer terminology, and industrial communication.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	TTh	08:45A-10:45A	Jul 6 - Aug 27	E415	HYBRID	HUDSON E	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N436	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	EDWARDS M	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 22 Enrolled / 5 Seats Available ; Waitlist / 3 Students on Waitlist	
G106	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	EDWARDS M	\$12.00 Per Course -ONLINE ELEARNING FEE	Cancelled	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N412	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	WALSH S	\$12.00 Per Course - ONLINE ELEARNING FEE	Open 24 Enrolled / 3 Seats Available ; Waitlist / 3 Students on Waitlist	OER (no textbook to purchase)
G102	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	HIGGINS K	\$12.00 Per Course - ONLINE ELEARNING FEE	Open 24 Enrolled / 3 Seats Available ; Waitlist / 3 Students on Waitlist	

COMPUTER NETWORK TEC

CNT 262 - INTRODUCTION TO DATABASES WITH SQL - 5.0 credits

This is an introductory course on databases and SQL querying. Students will obtain hands-on experience from setting up the database environment to creating your first table to writing your first query. At the end of this course, students will be able to write simple queries related to topics such as dates, string manipulation, and aggregation.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	SANDERSON B	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Cancelled	
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	SANDERSON B	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 18 Enrolled / 6 Seats Available	
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	SANDERSON B	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 21 Enrolled / 3 Seats Available	

COMPUTER NETWORK TEC

CNT 264 - COMPTIA SECURITY+ - 5.0 credits

The CompTIA Security+ course covers the most important principles for securing a network and managing risk. Topics such as access control, identity management and cryptography are covered. Additionally, topics include appropriate mitigation and deterrent techniques to address network attacks and vulnerabilities, and security concerns associated with cloud computing, BYOD and SCADA. The course content serves as preparation toward attempting the CompTIA Security+ exam.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	TARVIN L	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 12 Enrolled / 12 Seats Available	
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	TARVIN L	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 15 Enrolled / 9 Seats Available	
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	DAY C	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 14 Enrolled / 10 Seats Available	

COMPUTER NETWORK TEC

CNTS 256 - AWS CLOUD FOUNDATIONS - 5.0 credits

Amazon Web Services (AWS) Cloud Foundations (ACF) is an AWS Academy course designed to provide students with an overall understanding of the AWS Cloud, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services and their pricing, security, architecture, and support. This course prepares individuals for the AWS Certified Cloud Practitioner exam. This course is taught through instructor-led classes, hands-on labs, and assessments. A student kit is provided and includes course manuals, access to labs, assessments, and a discount voucher for the Certified Cloud Practitioner certification exam. This course serves as a prerequisite to the AWS Solutions Architect - Associate certification, which is offered in the RTC Computer Network Architecture, Bachelors of Applied Science Degree. NOT PART OF COMPUTER NETWORK TECHNOLOGY PROGRAM.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
L002	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	SANDERSON B	\$850.00 Per Course -STU FUND-IT	Cancelled	
L004	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	SANDERSON B	\$850.00 Per Course -STU FUND-IT	Cancelled	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
L509	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	DAY C	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Open 5 Enrolled / 19 Seats Available	
L510	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	JANG Y	\$25.00 Per Course -LAB FEE ; \$12.00 Per Course - ONLINE ELEARNING FEE	Cancelled	

COMPUTER SCIENCE

CSIS 101 - PROGRAMMING FUNDAMENTALS - 5.0 credits

This programming fundamentals course provides a fun, engaging way for students to learn basic computer science and programming concepts. Before students start learning to program with text-based programming languages, this course will develop the foundational concepts of programming using drag and drop blocks to concentrate on the concepts rather than all the nuances of a typical text language. Students will start their block-based programming on the online coding platform, code.org, and then continue to learn the programming logic with Flowgorithm. NOT PART OF COMPUTER SCIENCE PROGRAM.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
L052	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	JANG Y	\$850.00 Per Course -STU FUND-IT	Cancelled	

CONSTRUCTION MGMT

CONST190 - COOPERATIVE WORK EXPERIENCE, TRADES - 3.0 credits

A cooperative work experience option may be available to qualified, approved students, allowing them to receive credit for work experience appropriate to their training. Through cooperative work experience, students have the opportunity to apply learned skills and gain actual on-the-job experience while completing their course of study. This class covers work experience in the trades that a construction manager would typically supervise.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	PULLIAM J	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 4 Enrolled / 11 Seats Available	

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 CONST 103.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	PULLIAM J	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 7 Enrolled / 8 Seats Available	

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 CONST 266.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	PULLIAM J	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 5 Enrolled / 10 Seats Available	

CONSTRUCTION MGMT

CONST290 - COOPERATIVE WORK EXPERIENCE, CONSTRUCTION MGMT - 3.0 credits

A cooperative work experience option may be available to qualified, approved students, allowing them to receive credit for work experience appropriate to their training. Through cooperative work experience, students have the opportunity to apply learned skills and gain actual on-the-job experience while completing their course of study. This class covers work experience as a construction manager.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	PULLIAM J	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 0 Enrolled / 15 Seats Available	

E-LEARNING

ELEA 105 - MEDIA CREATION AND TECHNOLOGY INTEGRATION - .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. This will be closely aligned with each participant's culminating project.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
W005	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	SAUNDERS E	\$125.00 Per Course -STU FUND-IT	Open 6 Enrolled / 10 Seats Available	

E-LEARNING

ELEA 106 - CULMINATING PROJECT - .0 credits

The Culminating project will be a completed online or hybrid class made available in the Canvas format. Each course will reflect the main components of the certificate courses. The projects will be peer-reviewed.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
W006	ARRANGED	ARR-ARR	Jul 8 - Aug 19	ONLINE	ONLINE	FALCONER E	\$175.00 Per Course -STU FUND-ELEARN	Open 9 Enrolled / 16 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	Date	Location	Delivery	Instructor	Fees	Status	Note
W011	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	FALCONER E	\$75.00 Per Course -STU FUND-ELEARN	Open 3 Enrolled / 22 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
W012	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	FALCONER E	\$75.00 Per Course -STU FUND-ELEARN	Open 0 Enrolled / 25 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N414	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	POLLARD-JOHN	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 25 Enrolled / 2 Seats Available ; Waitlist / 1 Students on Waitlist	
N416	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	POLLARD-JOHN	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 21 Enrolled / 6 Seats Available	
G182	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	HIGGINS K	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 24 Enrolled / 3 Seats Available ; Waitlist / 6 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N484	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	HIGGINS K	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 17 Enrolled / 8 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N456	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	LEWICKI	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 20 Enrolled / 10 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N470	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	MOHIBULLAH H	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 12 Enrolled / 13 Seats Available	

MACHINING TECH

MTEC 100B - MACHINE ESSENTIALS PART B - 4.0 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. This is Part B of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	F104	FACE-TO-FACE	BUCK S	\$5.00 Per Credit -SUPPLY FEE \$5/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 3 Enrolled / 17 Seats Available	

MACHINING TECH

MTEC 121B - MACHINING FUNDAMENTALS-LATHE AND MILL PART B - 6.0 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. This is Part B of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	F104	FACE-TO-FACE	SCHOENMAKERS	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 2 Enrolled / 18 Seats Available	

MACHINING TECH

MTEC 220 - HAZARDOUS MATERIALS - 1.0 credits

Students learn safety and environmental issues, including how the EPA, OSHA, and WISHA impact manufacturing; and the liabilities of waste generation. They are also introduced to Material Safety Data Sheets (SDS/MSDS) and the Globally Harmonized System (GHS).

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	KIMANI B	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 7 Enrolled / 13 Seats Available	

MACHINING TECH

MTEC 231B - CNC MILL SETUP & OPERATION PART B - 5.0 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 to HAAS and FANUC controls. This is Part B of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	F104	FACE-TO-FACE	KIMANI B	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 2 Enrolled / 18 Seats Available	

MACHINING TECH

MTEC 232B - CNC LATHE SETUP & OPERATION PART B - 5.0 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. This is Part B of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	F104	FACE-TO-FACE	KIMANI B	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 4 Enrolled / 16 Seats Available	

MACHINING TECH

MTEC 236B - MACHINING PROJECTS PART B - 6.0 credits

This is a project-based manufacturing lab class in which students apply knowledge and skills from the Machine Technology courses. This is Part B of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	F104	FACE-TO-FACE	SCHOENMAKERS	\$15.00 Per Credit -SUPPLY FEE \$15/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 4 Enrolled / 16 Seats Available	

MACHINING TECH

MTEC 237 - MATERIALS SCIENCE - 5.0 credits

This is an introductory course in Materials Science and applications. Students learn how to classify materials based on their physical and mechanical properties, what metal allows are and how they are processed, and the machinability of various materials.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	KIMANI B	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 7 Enrolled / 13 Seats Available	

MACHINING TECH

MTEC 240 - MANUFACTURING TRENDS - 1.0 credits

Students learn about current trends in the manufacturing industry.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	KIMANI B	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 7 Enrolled / 13 Seats Available	

MAJOR APPL/REF TECH

MART 123 - DIAGNOSTIC TECHNIQUES AND TEST EQUIPMENT - 5.0 credits

The course covers the proper use of the different types of test equipment required to successfully diagnose the appliance electrical circuits. Prerequisites to MART 123 are MART 111 and MART 112.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 21 Enrolled / 19 Seats Available	

MAJOR APPL/REF TECH

MART 125 - ELECTRIC MOTORS - 2.0 credits

This course covers the theory of operation for both DC and AC electric motors, the different types, applications, the starting devices for, and the physical components of the machines. The course includes practical hands-on diagnosing, testing, and operations for single phase, including single and dual-voltage motors. Prerequisites to MART 125 are MART 111 and MART 112. MART 125 is a prerequisite to all laundry, kitchen, and refrigeration equipment courses.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 21 Enrolled / 19 Seats Available	

MAJOR APPL/REF TECH

MART 143 - DISHWASHERS - 5.0 credits

This course covers aspects of detergent, water conditions, and the machine design for proper operation of a dishwasher. Also covered are the aspects of diagnoses and repairing the machine, including interpretation of schematics, cam charts, and electronic cycle charts. The student learns to instruct the customer on proper usage of the equipment. Five major brands will be examined. Each student will give a report to the class on one machine.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 0 Enrolled / 40 Seats Available	

MAJOR APPL/REF TECH

MART 204 - AUTOMATIC WASHERS - 5.0 credits

This course provides the student with the necessary knowledge to properly diagnose and service domestic and commercial automatic top loading, front loading, and combination washing machines for the major appliance manufacturers. Emphasis is placed on student development of advanced electrical/electronic diagnostic techniques.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 0 Enrolled / 40 Seats Available	

MAJOR APPL/REF TECH

MART 217 - CLOTHES DRYERS - 5.0 credits

This course provides students with the necessary knowledge and skills to properly diagnose and service domestic and commercial gas and electric dryers. Emphasis is on student development of advanced electrical/electronic techniques.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 0 Enrolled / 40 Seats Available	

MAJOR APPL/REF TECH

MART 222 - COOKING EQUIPMENT - 5.0 credits

This course covers the different styles of gas and electric domestic surface cooking and venting systems. Emphasis is on components, operational function and installation requirements. The student acquires the skills to provide service with the proper test apparatus and advise the customer in proper use of equipment. Electrical systems diagnostics is emphasized.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 0 Enrolled / 40 Seats Available	

MAJOR APPL/REF TECH

MART 223 - ADVANCED COOKING EQUIPMENT - 5.0 credits

This course covers the different styles of domestic cooking equipment. Emphasis is on components and installation requirements. The student acquires the skills to provide service with the proper test apparatus and advise the customer in proper use of the equipment. Electrical systems diagnostics are emphasized.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHOVSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 0 Enrolled / 40 Seats Available	

	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 Seats Available	

MAJOR APPL/REF TECH

MART 239 - ADVANCED HVAC SYSTEMS AND CONTROLS - 5.0 credits

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

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 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.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY DAILY	07:30A-02:00P 07:30A 02:00P	Jul 6 - Aug 27	E405 E401A	FACE-TO-FACE	VIKHNOSKIY	\$10.00 Per Credit -SUPPLY FEE \$10/CR ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 18 Enrolled / 22 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 grade of 2.0 or higher, or a NEXTGEN Accuplacer Quantitative Reasoning, Algebra and Statistics score of 250+, or other placement.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
G329	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 14 Enrolled / 13 Seats Available	
N424	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE ELEARNING FEE	Cancelled	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N424	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE ELEARNING FEE	Cancelled	

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 or AMATH 193 or AMATH 195 with a 2.0 or higher, or a score of 265-300 on the QRAS Next-Gen Accuplacer, or a score of 220-244 on the AAF Next-Gen Accuplacer.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
G333	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Open 14 Enrolled / 13 Seats Available	
N466	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Cancelled	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
G335	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Open 14 Enrolled / 13 Seats Available	

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 95, AMATH 190, or AMATH 195 with a 2.0 or higher, or placement by assessment.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
N426	ARRANGED	ARR-ARR	Jul 6 - Aug 27	ONLINE	ONLINE	COOKSEY M	\$12.00 Per Course -ONLINE EARNING FEE	Open 23 Enrolled / 5 Seats Available ; Waitlist / 4 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
G337	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Open 14 Enrolled / 13 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
G339	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Open 14 Enrolled / 13 Seats Available	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
G224	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	ROTH A	\$12.00 Per Course -ONLINE EARNING FEE	Open 14 Enrolled / 13 Seats Available	

MECHATRONICS

MEC 204B - MOTOR CONTROL PRINCIPLES LAB - 1.0 credits

This course includes single phase and multiple phase installations, and repair and maintenance of motor controls as used in industrial applications and hands-on lab featuring the components, wiring and applications of motor control systems as used in industrial applications. Students will learn to troubleshoot/replace/install circuit boards, sensors, and become proficient in troubleshooting motors and variable speed drives, interpreting relay logic, and sizing of components for various applications. This is the lab portion of the class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	J206	FACE-TO-FACE	AL-KINANI H	\$10.00 Per Credit -SUPPLY FEE \$10/CR : \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 5 Enrolled / 13 Seats Available	

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	PHILPOTT M	\$12.00 Per Course -ONLINE ELEARNING FEE	Cancelled	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
	ARRANGED	ARR-ARR	Jul 6 - Aug 27	A23	HYBRID	FULLWOOD V	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 4 Enrolled / 11 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	Date	Location	Delivery	Instructor	Fees	Status	Note
N422	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BERKSHIRE L	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 26 Enrolled / 4 Seats Available ; Waitlist / 8 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N420	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	BERKSHIRE L	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 26 Enrolled / 4 Seats Available ; Waitlist / 11 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
N448	ARRANGED	ARR-ARR	Jul 6 - Aug 12	ONLINE	ONLINE	MILLER B	\$12.00 Per Course -ONLINE ELEARNING FEE	Open 24 Enrolled / 1 Seats Available ; Waitlist / 6 Students on Waitlist	

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	Date	Location	Delivery	Instructor	Fees	Status	Note
	MT	09:00A-01:00P	Jul 6 - Aug 12	J205	FACE-TO-FACE	PAQUETTE M	\$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 16 Enrolled / 8 Seats Available	

TEACHING & LEARNING

EDUC 200 - INTRODUCTION TO COURSE INSTRUCTION - 3.0 credits

This online course focuses on the first steps of organizing a class and getting ready to teach. By successfully planting the right seeds- understanding adult learners, how to write outcomes and assignments, asyllabus, and lesson plans - you can create the beginnings of a successful class.

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
W750	ARRANGED	ARR-ARR	Aug 5 - Sep 1	ONLINE	ONLINE	FALCONER E	\$100.00 Per Course -ED&HS STUDENT FUNDED	Open 21 Enrolled / 4 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	Date	Location	Delivery	Instructor	Fees	Status	Note
-------	------	------	------	----------	----------	------------	------	--------	------

	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 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	Date	Location	Delivery	Instructor	Fees	Status	Note
-------	------	------	------	----------	----------	------------	------	--------	------

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 Seats Available	

WELDING

WELD 138 - CERTIFICATION SMAW - 7.0 credits

This course option to WELD 122 Certification provides practice time for SMAW process. The goal is to fine-tune welding skills in order to gain welding certifications. (Instructors permission is required for entry into this class.)

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	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	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$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 GMAW and FCAW processes. The goal is to fine-tune welding skills in order to gain welding certifications. (Instructors permission is required for entry into this class.)

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	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	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Permission Code Needed	

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. (Instructors permission is required for entry into this class.)

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	GEIST R	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Full	
	DAILY	12:00P-05:00P	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$40.00 Per Credit -SUPPLY FEE-WELDING ; \$15.00 Per Course -WEB ENH/HYB ELEARN FEE	Open 9 Enrolled / 7 Seats Available	

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: WELD 142.(Instructors permission is required for entry into this class.)

Item#	Days	Time	Date	Location	Delivery	Instructor	Fees	Status	Note
	DAILY	07:00A-12:00P	Jul 6 - Aug 27	A1	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	Jul 6 - Aug 27	A1	FACE-TO-FACE	STUART E	\$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	Date	Location	Delivery	Instructor	Fees	Status	Note
K650	TTh	04:00P-09:30P	Jul 7 - Sep 1	A1	FACE-TO-FACE	STUART E	\$495.00 Per Course -STU FUND-T&I	Open 10 Enrolled / 6 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	Date	Location	Delivery	Instructor	Fees	Status	Note
K652	TTh	04:00P-09:30P	Jul 7 - Sep 1	A1	FACE-TO-FACE	STUART E	\$495.00 Per Course -STU FUND-T&I	Open 10 Enrolled / 6 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	Date	Location	Delivery	Instructor	Fees	Status	Note
K654	TTh	04:00P-09:30P	Jul 7 - Sep 1	A1	FACE-TO-FACE	STUART E	\$495.00 Per Course -STU FUND-T&I	Open 10 Enrolled / 6 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	Date	Location	Delivery	Instructor	Fees	Status	Note
K656	TTh	04:00P-09:30P	Jul 7 - Sep 1	A1	FACE-TO-FACE	STUART E	\$495.00 Per Course -STU FUND-T&I	Open 10 Enrolled / 6 Seats Available	

[Register & Enroll](#)[Find Books](#)[Check Tuition & Fees](#)[Apply for Financial Aid](#)[Plan with Degree Audit](#)[View College Catalog](#)

*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](#).

Information

[Campus Security](#)[College Technology Services \(CTS - IT\)](#)[Employment](#)[Non-Discrimination Policy](#)[Public Records Request](#)[Report an Incident or Concern](#)[Rule-Making](#)

Contact

[Employee Directory](#)[Questions? Use AskRTC!](#)[Campus Maps](#)[Washington Relay Service](#)[\(425\) 235-2352](#)[3000 NE 4th St.
Renton, WA 98056](#)

Website

[Accessibility](#)[Disclaimer & Privacy](#)[Link broken? Let us know!](#)[Washington Relay Service](#)

RENTON
TECHNICAL
COLLEGE®

Copyright ©2020 Renton Technical College. All rights reserved.