

RTC Concentrations 23.24

Descriptions and Required Courses for Completer Programs

Automotive Technology *EC Tr. Math 16.17*

- ◆ Covers theory and diagnostics of brakes, steering/suspension, engine repair, electrical, and engine performance.
Auto Tech- TR1620 Transportation and Distribution & Logistics-Facility & Mobile Equipment Maintenance
1631-Automotive Technology I, 1623-Auto Tech II, 1625-Auto Tech III, 1637-Auto Tech IV

Business Education

- ◆ Includes accounting, business computer applications, banking, finance, publishing, digital imaging, document processing, introduction to business, office management, spreadsheet management, game design, and apps.

Career & Work Skills Training-BM0510, On the job training for two blocks. Must be a junior to apply.

0511-CWST I, 0512-CWST II, 0513-CWST Work Experience I, 0514-CWST Work II

Administrative Support-BM1467

1449 Office Procedures, 1411- BCA, 1413-BCA II, 1451 Personal Finance

Information Technology-Interactive Media (2)

****Information Management-IT 1450 IT**

1411-BCA, 1413 BCA II, 1431-Digital Imaging, 1432-Digital Imaging II

****Coding, App & Game Design IT1442**

1431-Digital Imaging I, 1432 DI II, 1456-Coding, App & Game Design I, 1457- Code, App. &Game Design II

Carpentry *EC Tr. Math 15.16*

- ◆ Introduces the fundamentals of construction industry as well as foundations, plumbing, and finishing work.

Carpentry- AR1820 Architecture & Construction-Construction

1842-Carpentry I, 1843-Carpentry II, 1844-Carpentry III, 1845-Carpentry IV

Collision Repair Technology *EC Tech Tr Math 20.21*

- ◆ Covers structural and non- structural analysis and damage repair, surface preparation, painting/refining, analysis, repair, and replacement of mechanical and electrical components and assemblies.

Collision Repair Technology-TR1670 Transportation and Distribution & Logistics

1671-Fund. Of Collision Repair, 1675-Non-Structural Analysis/Repair, 1677-Structural, 1679-Surface

Electrical Technology *EC Tr. Math 15.16*

- ◆ Teaches basic electrical theory and concepts. Applied residential and commercial wiring methods and materials are studied as well as the National Electric Code.

Electrical Technician-AR1760 Architecture & Construction

1756-Electrical Trades I, 1757-ET II, 1758-ET III, 1759-ET IV

Robotics *EC Tech Tr Math 20.21*

- ◆ This concentration introduces the engineering design cycle to operate and use C++ coding to create Vex V5 autonomous robots. Drones introduces basic aerodynamic concepts, drone maintenance programming in Block and Python for autonomous missions. Eligible for technology credit.

Robotics MA 1630 Manufacturing

1866-Robotics REC 1, 1867-Robotics REC 2, 1887Drones I, 1888 Drones II (FAA 107 I & II)

Health Occupations *EC Tr. Eng. 15.16*

- ◆ Includes study of basic body structure and function, and first aid. The course may include clinical certification.

Therapeutic Services HE0723,

0711-Found of Health Science, 0715-Adv. Prin. Health Sci., 0789-CNA Clinical I, 0790- Patient Care Technician Clinical, 0730-Science of Clinical Experience

Industrial Equipment Maintenance *EC TR Math 17.18*

- ◆ Introduces tools and systems applied with electricity, welding and hydraulics emphasizing safety. *PR Algebra I/Math 9*

Industrial Maintenance-MA 1870 Manufacturing-Maintenance, Installation & Repair

1873-Fund Ind. Maint, 1875-Hydraulic&Pneumatics, 1871-Electrical Maint. 1985-Fund of Welding Technology

Law and Public Safety *EC Tr. Eng. 16.17*

- ◆ Prepares students for employment in the fields of corrections and law enforcement with emphasis on applications and ethical issues in safety leadership.

Law & Public Safety-LA 1020

1225-Fund. Public Safety Leadership, 1226-Ethical Issues Public Safety, 1039-Practical Apps Public Safety 1035 Law Enforcement

Mill & Cabinet Embedded Art for Completers 22.23

- ◆ Includes basic math and measuring skills, blue print reading and interpretation, lumber grading, and origins and properties of wood as a manufacturing material. Uses woodworking machines and CNC router.

Millwork & Cabinetmaking-MA2120 Manufacturing-Production

2126-Millwork& Cabinetmaking I, 2127-MW&Cab II, 2128-MW& Cab III, 2129-MW & Cab IV

Power Equipment Systems *EC Tech TR Math 19.20*

- ◆ Emphasizes repair of small engines and motorcycles including complete rebuilds and overhauls. Focus is on service and repair of recreational vehicles, lawn and garden machinery, and chainsaws.

Power Equipment Systems-TR1960 Transportation and Distribution & Logistics-FMEM

1962-Fund. Of Power Equipment I, 1964-Fund. Of P. E II, 1966-PE Service I, 1968-PE Service II

ProStart Restaurant Management *EC TR English 19.20*

- ◆ Prepares students for careers in the management, marketing and operations of restaurants and other food services.

ProStart Restaurant Management HO 1010

1013 Rest. & Culinary Foundations, 1014-Rest. Mgt. Ess. 1019—Adv. Prin. Food Production, 1020-Rest. Professional

**** Probably will not be offered**

