The Academy of Engineering focuses on the design, development, and use of engines, machines, and structures. Students will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.

The Science, Technology, Engineering, and Mathematics (STEM) Career cluster focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services. Careers in this cluster require a strong academic foundation in science and mathematics, superior attention to detail, innovative and critical thinking abilities, strong collaboration skills, excellent written and verbal communication skills.

Successful completion of the Engineering program of study will fulfill the requirements of the Business and Industry or STEM Endorsement.