MECHANICAL ENGINEERING TECHNOLOGY

STEM
Science, Technology, Engineering, and Math
Mechanical Engineering Technology concerns the generation, transmission, and utilization of mechanical and fluid energy, as well as the design and production of tools, machines, and their products. This program prepares specialists in developing machines and products, in production processes, in installing and maintaining machines, and in solving repetitive engineering problems.

**Sample Coursework**
- Introduction to Engineering Technology
- Applied Statics
- Manufacturing Processes
- Applied Strength Materials
- Machine Elements
- Fluid Power
- Heat Power

**Possible Career Opportunities**
- Mechanical Engineer Technician
- Product Designer
- Process Engineer
- Machine Designer
- CAD operator
- Test Engineer
- Technical Sales Representative

**Employment Outlook**
According to the Occupational Outlook Handbook (2008-09), slower than average growth is expected through 2016. As mechanical products and components become increasingly complex, demand for improvements in these products should drive employment growth of mechanical engineering technicians. Although there will be limited growth caused by foreign competition in both design services and manufacturing.

**Salary Expectations**
Examples of national median annual salaries of careers that can be obtained with a Mechanical Engineering Technology degree are (O*NET, 12/2013): Mechanical Engineering Technicians $53,920, CAD Operator $49,630, Environmental Engineering Technicians $45,350, Product Designer $59,610, and Technical Sales Representative $57,870.

*(This section is intended for informational purposes, not prediction of actual salary. Salary information is based on national salary ranges which are greatly impacted by location and relative cost of living.)*

**Graduate/Professional School Opportunities**
Mechanical Engineering Technology graduates may choose to pursue advanced degrees in one of the following areas: Business Management & Administration, Mechanical Engineering, Law, and Other Engineering Fields.

**Where Could I Work?**
- Industry
- Business
- Government
- Design
- Manufacturing
- Sales