

VT 4800 – INDUSTRIAL TECHNOLOGY I
VT 4810 – INDUSTRIAL TECHNOLOGY II

Industrial Technology is a two year program designed to prepare juniors and seniors in high school and young adults for entry-level positions geared toward the support and maintenance of industrial systems including computer-controlled electrical and mechanical production equipment, material processing and material handling equipment, general maintenance, and facility support systems with a focus on green energy as well.

Essential Learning Objectives:

- Explain the characteristics and scope of technology
- Identify the core concepts of technology
- Describe the basic systems model
- Characterize technological resources and how they function in a system
- Describe the engineering design process that is used to design a product
- Identify the core concepts of STEM (Science, Technology, Engineering & Mathematics).
- Identify common technological processes that convert materials or energy to produce an output
- Identify career opportunities in a variety of technological systems
- Students will learn/use Technical Mathematics Skills
- Students will learn/use Technical Communication Arts Skills

Industrial Technology/Maintenance Competency Profile:

https://dese.mo.gov/sites/default/files/Industrial_Maint.pdf

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