

# MT - MECHANICAL TECHNOLOGY

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**MT 100 - Fabricating Composites** **Units: 3**

This course will allow students to create and repair basic composite products.

*Transferability: May not transfer towards an NSHE bachelor's degree*

**MT 108 - Fluid Power (Pneumatics, Electro-pneumatics)** **Units: 3**

This course is an introduction to fluid power systems involving pneumatics, hydraulics, and electrical control. This course satisfies 5 embedded hours toward specified programs and certificates for AAS Human Relations, 5 embedded hours toward specified programs and certificates for AAS Math, and 5 embedded hours toward specified programs and certificates for AAS Science General Education requirements.

*Transferability: May not transfer towards an NSHE bachelor's degree*

*Enrollment Requirements: Pre or Co-requisite: ELM 110 or instructor approval.*

**MT 109 - Small Engine Operation and Maintenance** **Units: 3**

This course introduces students to the operation and maintenance of small engines used in a variety of technical settings. Students will operate, maintain, and repair two-cycle and four-cycle engines.

*Transferability: May not transfer towards an NSHE bachelor's degree*

**MT 198 - Special Topics in Mechanical Technology** **Units: 0.5-4**

This course is designed to give students a basic understanding and hands-on experience of current theories in mechanical technologies. As local manufacturers begin to utilize advanced technologies in their processes, this course will provide a hands on approach to learning the technology in these areas necessary for students to succeed in the new economy.

*Transferability: May not transfer towards an NSHE bachelor's degree*

**MT 290 - Internship in Mechanical Technology** **Units: 1-8**

This course provides the student with the opportunity to acquire real-world experience under the supervision of qualified industry personnel. This course is an extension supplemental to classroom/lab experiences. Student grades will be assigned as a cooperative effort between faculty and job supervisor.

*Transferability: May not transfer towards an NSHE bachelor's degree*