
Student Name

High School

Student Signature

Mitchell Tech ID#

Student Services Representative

Registrar Signature

Mitchell Technical Institute Articulation

Articulation is a cooperative effort between South Dakota's high schools, the Department of Education's Office of Career and Technical Education (OCTE), and technical institutes. It links high schools with certificate, diploma, and associate degree programs and provides students with an opportunity to receive credit for skills previously learned. The courses listed below in the Manufacturing career cluster are currently articulated from OCTE approved programs to the Heating and Cooling Technology program at Mitchell Technical Institute.

Articulation Guidelines

1. To receive articulated credit, the student must have completed the high school course within the last three years.
2. A minimum of a "B" in the course(s) to be articulated is required.
3. Tuition is not charged for the articulated credit(s).
4. Articulated courses will be honored by all post-secondary institutes for those course(s) that have common course names and numbers.
5. If the curriculum of the technical institute course changes, the terms of the agreement may also change.
6. All articulation agreements between secondary schools and the technical institutes reflect only the transfer ability of credit between these agencies and not with state universities.

Heating and Cooling Technology

High School Manufacturing Cluster Courses

Electronics
Mechatronics

MTI Heating and Cooling Technology Courses

HV 101 – AC and Refrigeration Fundamentals (1 of 3 credits)
HV 142 – HV Controls and Heat Pumps (1 of 3 credits)

Additional High School Courses

Algebra II/Advanced Algebra
plus 20+ on ACT Math or
25+ on TABE Algebra

MTI General Education Courses

MATH 101 – Intermediate Algebra (3 of 3 credits)
MATH 104 – Technical Mathematics (3 of 3 credits)

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Questions or clarifications? Please contact Scott Fossum, Central Area Tech Prep Coordinator.
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