
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 Curriculum, Career and Technical Education (OCCTE), 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 Arts, Audio/Visual Technology & Communications, Science, Technology, Engineering & Mathematics; and Manufacturing career clusters are currently articulated from OCCTE approved programs to the Utilities Heating & 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.

Utilities Heating & Cooling Technology

High School Manufacturing Cluster

Courses

17106 Electronics
21009 Mechatronics/Robotics
17106 Electronics
21009 Mechatronics/Robotics

MTI Utilities Heating & Cooling Technology Courses

HV 101 – Electrical Fundamentals (1 of 3 credits)
HV 142 – HV Controls and Heat Pumps (1 of 3 credits)
NG 110 – Gas Operations & Maintenance Lab (1 of 4 credits)
NG 110 – Gas Operations & Maintenance Lab (1 of 4 credits)

High School Arts, A/V Technology & Communications Courses

17106 Electronics
17106 Electronics

MTI Utilities Heating & Cooling Technology Courses

HV 101 – Electrical Fundamentals (1 of 3 credits)
NG 110 – Gas Operations & Maintenance Lab (1 of 4 credits)

High School Science, Technology, Engineering and Mathematics

Courses

17106 Electronics
21009 Mechatronics/Robotics
17106 Electronics
21009 Mechatronics/Robotics

MTI Utilities Heating & Cooling Technology Courses

HV 101 – Electrical Fundamentals (1 of 3 credits)
HV 142 – HV Controls and Heat Pumps (1 of 3 credits)
NG 110 – Gas Operations & Maintenance Lab (1 of 4 credits)
NG 110 – Gas Operations & Maintenance Lab (1 of 4 credits)

Additional High School Courses

Algebra II/Advanced Algebra
plus 20+ on ACT Math or
45+ on COMPASS Algebra 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.
605-995-3072; scott.fossum@mitchelltech.edu; MTI, 1800 E. Spruce St., Mitchell, SD 57301**