Western Dakota Technical Institute Articulation

Articulation is a cooperative effort between South Dakota’s high schools, the Department of Education’s Office of Learning and Instruction, 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 in the Manufacturing career cluster are currently articulated from the Department of Education’s Office of Learning and Instruction approved programs to the Electrical Trades, Welding, Transportation Technology and Collision Repair programs at Western Dakota Technical Institute.

Articulation Guidelines
1. 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.

Manufacturing

### High School Manufacturing Cluster Courses
- 13207 – Welding Technology
- 13208 – Advanced Welding Technology
- 21009 – Mechatronics/Robotics

### WDT Electrical Trades Courses
- IEL 140 – Welding & Fabrication for Light Commercial Applications (1 out of 2 credits)
- IEL 132 – Electrical Fundamentals (2 out of 5 credits)

### WDT Welding Manufacturing Courses
- WDM 110 – Shielding Metal Arc Welding (1 out of 3 credits)
- WDM 120 – Gas Tungsten Arc Welding and Cutting Procedures (1 out of 4 credits)
- WDM 122 – Gas Metal Arc Welding, Fillet and Surface Welds (1 out of 3 credits)
- WDM 127 – Mill and Lathe Operation, Manual 1 (1 out of 3 credits)

### WDT Transportation Technology Courses
- TTT 129 – Welding & Equipment (.5 out of 2 credits)

### WDT Collision Repair Courses
- CRT 115 – Basic Sheet Metal Repair Work (1 out of 4 credits)
- CRT 112 – Shop Orientation Maintenance & Safety (.5 out of 1 credit)