



Priority Standards

Manufacturing Career Cluster Standards – Grades 9-12

The table below identifies the cluster standards specific to the Manufacturing Career Cluster – the collection of Manufacturing-Production and Manufacturing-Maintenance Pathway courses. These are the skills students are expected to acquire as they complete courses in this pathway.

Priority Standards	Description
MN 1	Evaluate the nature and scope of the Manufacturing Career Cluster and the role of manufacturing in society and in the economy.
MN 2	Analyze and summarize how manufacturing businesses improve performance.
MN 3	Comply with federal, state and local regulations to ensure worker safety and health and environmental work practices.
MN 4	Describe career opportunities and means to achieve those opportunities in each of the Manufacturing Career Pathways.
MN 5	Describe government policies and industry standards that apply to manufacturing.
MN 6	Describe workplace knowledge and skills common to manufacturing.
MN-MIR 1	Demonstrate maintenance skills and proficient operation of equipment to maximize manufacturing performance.
MN-MIR 2 MN-PRO 5	Demonstrate the safe use of manufacturing equipment to ensure a safe and healthy environment.
MN-MIR 5	Implement a preventative maintenance schedule to maintain manufacturing equipment, tools and workstations.
MN-PPD 1	Produce quality products that meet manufacturing standards and exceed customer satisfaction.
MN-PPD 2	Research, design and implement alternative manufacturing processes to manage production of new and/or improved products.
MN-PPD 3	Monitor, promote and maintain a safe and productive workplace using techniques and solutions that ensure safe production of products.
MN-PPD 4	Implement continuous improvement processes in order to maintain quality within manufacturing production.
MN-PPD 5	Develop procedures to create products that meet customer needs.
MN-PRO 4	Coordinate work teams when producing products to enhance production process and performance.