Program Learning Outcomes
Drafting & Machining Technology

WDT Core Ability	*Program Learning Outcomes*
Life Skills	Students will be able to: • Demonstrate the personal responsibility and professional behaviors expected of drafters and machinists.
Analytic Techniques	Students will be able to: • Identify solutions to drafting and machining problems using critical thinking and reasoned judgment. • Apply the most appropriate procedures and tools for machining projects.
Communication Skills	Students will be able to: • Engage in professional dialogue with others to accurately convey and receive technical information using visual, written, and verbal methods.
Technology Skills	Students will be able to: • Produce and inspect machined components per specifications and tolerances defined by mechanical blueprints. • Apply effective use of the most current CAD software and associated hardware to develop mechanical drawings in a manner that is efficient and compliant with standard industry practices.
Teamwork Techniques	Students will be able to: • Collaborate with other mechanical design and production professionals working cooperatively and equitably to solve problems and meet project goals.
Social Values	Students will be able to: • Demonstrate respect toward, and the ability to work with, manufacturing professionals from a diverse range of backgrounds and cultures.
Employability	Students will be able to: • Demonstrate the ability and willingness to produce quality, timely drafting and machining work that complies with a broad range of industry expectations.