

Sample Program of Study

Machine Tool Technology - AAS

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans must meet high school graduation requirements as well as college entrance requirements.

Location	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13
High School	Algebra I or Geometry Biology English 9 PE/Health US History	Chemistry English 10 Geometry or Algebra II World History	Summer College Readiness Success Strategies Bootcamp	none	none
Early College	none	none	Fall MACH 110: Machine Tool I TRIN 144: BP Reading & Sketching TRIN 138: Intro to Safety Spring MACH 130: Precision Inspection MACH 120: Machine Tool II WELD 101: Intro. to Fabrication	Fall MANU 111: Manufacturing Processes MACH 140: Intro. to CNC ENGL 101: English Composition Spring TRIN 134: Metallurgy & Heat Treat MACH 241: CNC Programming I MATH 100: Applied Math	Fall MATH 110: Technical Math MACH 150: Intro to CAM ENGL 103: Technical Writing MACH 241: CNC Programming II HIST 201: American History Spring MACH 251: 2D/3D Printing ENGR 113: Beg. Engineering Graphics Humanities/Fine Arts *PHYS 110: Technical Physics

Notes:

College courses can be used to meet MMC requirements through dual enrollment.

*PHYS 110 is final HS MMC required course

(The final HS course credit that's "held back" can be adjusted on an individual basis, please discuss with an advisor and HS counselor)