



Professional & Technical Studies: Machining

www.garrettcollege.edu    

Professional & Technical Studies - Machining

Machinists work in a variety of industries including energy, transportation, advanced manufacturing and the production of specialty products. The Professional & Technical Studies Associate of Applied Science (A.A.S.) degree with Machining concentration curriculum is designed to provide theory along with practical, hands-on instruction enabling students to develop the knowledge, skills, and abilities to enter the workforce as trained manual and CNC machinists.

As part of the curriculum, students will successfully complete an approved field experience in the machining industry. Students enrolled in the program will also demonstrate the following core competencies as defined by the National Institute of Metalworking Skills: Job Planning, Benchwork, & Layout; Measurement, Materials, & Safety; Milling I; Turning I: Between Centers; Drill Press of Manual Milling and Turning; CNC Lathe Programming Setup & Operation (CNC Milling and Turning); and CNC Mill Program Setup & Operation (CNC Milling and Turning).

Core and Concentration Courses:

- ▶ Machining I – IV
- ▶ Personal & Consumer Finance
- ▶ Leadership Development
- ▶ Workplace Communication
- ▶ Field Experience in Business

A non-credit Machining career training program is also available through the College's Continuing Education & Workforce Development division.

Enroll Today:

www.garrettcollege.edu/applynow



For more information, please contact:

Office of Academic Affairs

301.387.3054

academics@garrettcollege.edu

Garrett College does not discriminate on the basis of race, color, national origin, sex, disability, religion, age, military status, sexual orientation, or any other protected category under federal, state, or local law, or by college policy. The following office has been designated to monitor compliance and handle inquiries regarding the non-discrimination policies (www.garrettcollege.edu/equity-and-compliance):

Office of Equity and Compliance • 687 Mosser Road, McHenry, Maryland 21541, (301)387-3037 or equitycompliance@garrettcollege.edu.

REV.11/15/2021