

# MANUFACTURING TECHNOLOGY

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OCC's Manufacturing Technology program is designed to train students for entry-level positions as machine operators. Additionally, both beginning students and working machinists can build on their skills and knowledge by completing the requirements for one of the advanced certificates.

The Manufacturing Technology program is divided into four areas: Machinist, Computer Numerical Control (CNC) Operator, CNC Programmer, and Tool Maker. All four programs follow sequential plans which spin off from the core machinist program. After completing the machinist program in two semesters, the student can take the classes required for one of the more advanced certificates.

The student who completes the machinist program also satisfies the major requirements for the Associate in Science degree.

## Department Contact Information

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Manufacturing Technology Department Website (<https://orangecoastcollege.edu/academics/technology/manufacturing-technology/>)

- CNC Machine Operator, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-operator-associate-science-degree/>)
- CNC Machine Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-operator-certificate-achievement/>)
- CNC Machine Programmer, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-associate-science-degree/>)
- CNC Machine Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-machine-programmer-certificate-achievement/>)
- CNC Operator, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-operator-coa/>)
- CNC Programmer, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/cnc-programmer-coa/>)
- Machinist, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-associate-science-degree/>)
- Machinist, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/machinist-certificate-achievement/>)
- Tooling, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-associate-science-degree/>)
- Tooling, Certificate of Achievement (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/manufacturing-technology/tooling-certificate-achievement/>)