

# CNC OPERATIONS, CERTIFICATE

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Students will learn operations of Computer Numerical Control (CNC) controlled machining and turning centers. The **CNC Operations Certificate** requires 17 credits from the courses listed below.

For more information about Manufacturing Technology, please visit the program page (<http://www.cod.edu/manufacturing/>).

## Certificate Requirements

Field of Study Code: MANUF.CER.CNC

Code	Title	Credits
MANUF 1101	Industrial Design/CAD	3
MANUF 1151	Machine Shop I	3
MANUF 2251	Computer Numerical Control (CNC)	3
MANUF 2252	CNC Operations	3
MANUF 2253	Computer-Aided Manufacturing (CAM)	3
MANUF 2280	Industrial Safety	2
Total Credits		17