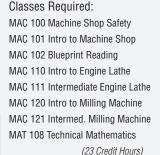
### 2017 - 2018 COMMUNITY COLLEGE OF DENVER MACHINE TECHNOLOGIES

# **Basic Machining**Certificate

7.5-week Courses

1 semester\*\*



Job Opportunities:

Entry-Level Machinist Machine Tool Setter

Salary Range: entry level: \$10/hour with experience: \$14.50/hour The Machine Technologies Program at Community College of Denver offers clear pathways so you can reach your educational goals. You can earn a Basic Machining Certificate and then move on to learn intermediate machining skills. You can also earn a CNC Machine Tool Certificate or Associate of Applied Science Degree in Manufacturing. We also offer an Industrial Maintenance Technologies Certificate. CCD... Start here. *Go Anywhere!* 

# taking 2 more classes =

# Intermediate Machining Certificate

1 additional semester\*\*

# chining Classes Required: MAC 201 Intro to CNC Turning

MAC 205 Intro to CNC Milling
(6 Additional Credit Hours)

Job Opportunities:

Maintenance Machinist Machine Tool Setter Tool Boom Machinist

Salary Range:

entry level: \$14.50/hour with experience: \$20/hour

## taking 4 more classes =

## CNC Machine Tool Operator

Certificate

1 additional semester\*\*



#### Classes Required:

CAD 101 Computer Aided Drafting I CIS 118 Intro to PC Applications MAC 145 Production Manuf. Cncpts MAC 240 CAD/CAM 2-D

(12 Additional Credit Hours)

Job Opportunities:

Journeyman Machinist CNC Set Up Tool & Die Maker Mold Maker Supervisor

Salary Range:

entry level: \$15/hour with experience: \$29/hour



Find out more at ccd.edu/Machining or contact Center for Career & Technical Education 303-556-2487

Start with the free application. **Go to ccd.edu/Apply** See our costs and tuition information at **ccd.edu/tuition** 

Colorado Resident Student Example
Tuition & Fees per semester taking 5 classes (15 credit hours): \$2696.18
Average financial aid award per semester: \$1952.00.\*\*\*

# taking 7 more classes =

## CNC Manufacturing Associate of Applied

Science Degree
OR **CNC Management**Associate of Applied

Associate of Applied Science Degree

Replace MAC 245 & MAC 252 with MTE 230 Design for Manufacturability MTE 244 Lean Manuf. Practices

2 additional semesters \*\*

#### Classes Required:

COM 115 Public Speaking
ENG 121 English Composition I\*
OR ENG 131 Technical Writing I
MAC 220 Modern Productn Manuf
MAC 250 Adv. Inspection Tech
MAC 245 CAD/CAM 3-D
MAC 252 Practical Metallurgy
POS 105 Intro to Political Science\*
OR SOC 101 Intro to Sociology I\*

(21 Additional Credit Hours)

Job Opportunities:
Machinist
Maintenance Specialist
Inspector

Manager CNC Operator

Salary Range:

entry level: \$24/hour with experience: \$31/hour

Information from the 2017/18 CCD Catalog, See current catalog or meet with an academic advisor for more info. Information on occupations, rates for completion and placement, program costs and median loan debt may be found at www.ccd.edu/gainfulemployment. Salary information derived from 0\*NET Online. \*\*Assuming full-time enrollment of 4-5 classes (12-15 credit hours) per semester. \*\*\*Your actual award may vary. Example based on a Colorado resident, dependent student with \$45-\$60,000/year income in a household with 4 or less people with 2 or less people in college. Updated 6/2017

### 2017 – 2018 COMMUNITY COLLEGE OF DENVER MACHINE TECHNOLOGIES

## Industrial Maintenance Technologies Certificate

3 semesters\*\*

Classes Required:

MAC 100 Machine Shop Safety

MAC 101 Intro to Machine Shop

MAC 102 Blueprint Reading

MAC 110 Intro to Engine Lathe

MAC 120 Intro to Milling Machine

MAT 108 Technical Mathematics

CAD 101 Computer Aided Drafting I

CAD 102 Computer Aided Drafting II

CAD 240 Inventor I Autodesk

CIS 118 Intro to PC Applications

WEL 101 Allied Cutting Processes

WEL 102 Oxyacetylene Joining Processes

WEL 103 Basic Shielded Metal Arc

(41 Credit Hours)

Job Opportunities:

**Machine Setters** 

**Braze Operators** 

**Production Machinist** 

**Soldering and Brazing** 

**Machine Setters** 

Metal Workers

Salary Range:

entry level: \$10.50/hour

with experience: \$23.50/hour



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