

Reedley College Manufacturing Program Pathways

Draft Rev 3-22-12

Prerequisite

IT 205 Intro to Industrial Technology (2 units)

+

Semester 1 Core

MFGT 21 Blueprint Reading (2 units)
 +
 MFGT 22 Industrial Materials (2 units)
 +
 MFGT 60 Introduction to Welding (6 units)
 +
 MFGT 80 Introduction to Machine Shop (6 units)

Certificate in Manufacturing I
 (16 units)

Additional Recommended Components

1. Work Keys
2. Win for Work Keys
3. Embedded tutors

↓ +

↓ +

Semester 2 Core

MFGT 23 Electricity (2 units)
 +
 MFGT 24 Hydraulics (2 units)
 +
 MFGT 81 Intermediate Machine Shop (4 units)
 +
 MFGT 82 Advanced Machine Shop (4 units)
 +
 MFGT 83 Machine Shop Certification (1 unit)
 (NIMS or Equivalent) Total 13 units

MFGT 23 Electricity (2 units)
 +
 MFGT 24 Hydraulics (2 units)
 +
 MFGT 61 Intermediate Welding (4 units)
 +
 MFGT 62 Advanced Welding (4 units)
 +
 MFGT 63 Welding Certification (1 unit)
 (AWS or Equivalent) Total 13 units

↓ +

↓ +

Summer Core

MFGT 19V Summer Internship (1 unit)
Certificate of Achievement Machinist
 (30 total units)

MFGT 19V Summer Internship (1 unit)
Certificate of Achievement Welder
 (30 total units)

Year 2 Options

MFGT 91 Motor Control 1 (2 units)
 +
 MFGT 92 Motor Control 2 (2 units)
 +
 MFGT 93 Principles of PLC (2 units)
 +
 MFGT 94 Introduction to Solar Technology (2 units)
Certificate of Achievement Maintenance Mechanic
 (38 total units)

General Ed Classes

Associate Degree in Machine Tool Technology

General Ed Classes

Associate Degree in Maintenance Mechanics

General Ed Classes

Associate Degree in Welding Technology