

Manufacturing Technology Advising Sheet

Suggested First Semester Courses are in bold print

<p>Manufacturing Engineering Technology Degree (Code: 3943)</p> <p>Manuf 1101 Industrial Design/CAD</p> <p>Manuf 1121 Physical Metallurgy</p> <p>Manuf 1141 Hydraulics and Pneumatics</p> <p>Manuf 1180 Quality Control</p> <p>Manuf 1151 Machine Shop I</p>

<p>Automated Manufacturing Systems Degree (Code: 3941) Certificate Code (4941)</p> <p>Manuf 1101 Industrial Design/CAD</p> <p>Manuf 1141 Hydraulics and Pneumatics</p> <p>Manuf 1104 Technical Mechanics</p> <p>Manuf 1180 Quality Control</p> <p>Manuf 1151 Machine Shop I</p>
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<p>Drafting/ Design Degree (Code: 3942) Certificate Code (4942)</p> <p>Manuf 1101 Industrial Design/CAD</p> <p>Manuf 1141 Hydraulics and Pneumatics</p> <p>Manuf 1104 Technical Mechanics</p> <p>Manuf 1180 Quality Control</p> <p>Manuf 1151 Machine Shop I</p> <p>Manuf 1121 Physical Metallurgy</p>
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Math 1431 Precalculus I

Manuf 2280 Industrial Safety

Math 1432 Precalculus II:

Manuf 2202 Solid Modeling and Design

Math 1635 Statistics .4

Manuf 2251 Computer Numerical Control (CNC)

Manuf 2280 Industrial Safety

Physi 1201 General Physics I

Manuf 2253 Computer-Aided Manufacturing (CAM)

Manuf 2202 Solid Modeling and Design

Manuf 1160 Technical Static and Strength of Material

Elect 1100 Electricity and Electronics Fundamentals

Manuf 2251 Computer Numerical Control (CNC)

Manuf 2202 Solid Modeling and Design

Manuf 1190 Introduction to Programmable Logic Controllers\
 Manuf 1110 Metrology

Manuf 2203 Manufacturing Processes and Design

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Manuf 1171 Introduction to Robotic Technology

Manuf 2206 Mechanical Computer-Aided

Manuf 2251 Computer Numerical Control (CNC)

Drafting/Design

Manuf 2253 Computer-Aided Manufacturing (CAM)

Manuf 2207 Tool Design

Manuf 2281 Cost Analysis

Manuf 2208 Mechanical Design Portfolio

Elect 1100 Electricity and Electronics Fundamentals