

Associate of Applied Science: Manufacturing & Industrial Technology

TBCC guarantees, at a minimum, the following courses each quarter for the completion of the Associate of Applied Science - Manufacturing & Industrial Technology. A student can transfer in or take other courses that meet the requirements.

| | FALL TERM | WINTER TERM | SPRING TERM |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------|
| Year 1 or 2 (rotates) | CG 100 College Survival & Success (3 CR) | IMT 229 Tech. Preventative Maintenance (3 CR) | WR 121Z English Composition I (4 CR) |
| | IMT 100 Introduction to Trades (3 CR) | WLD 112 SMAW II (3 CR) | PSY 101 Human Relations (4 CR) -OR- BA 285 Human Relations in Organ. (3 CR) |
| | AG 221 Metals and Welding (3 CR) -OR- WLD111 SMAW I (3 CR) | WLD 129 Blueprint Reading (4 CR) | IMT 211 Structural Maintenance (3 CR) |
| | MCH 102 Intro to Manufacturing (3 CR) OR IMT 105 Industrial Safety (4 CR) <small>*Both MCH 102 and IMT 105 are required to graduate</small> | DRF 270 3-D Modeling (3 CR) | COMM 111Z Public Speaking (4 CR) |
| | MTH 105Z Math in Society (4 CR) | | IMT 170 Industry Logistics (3 CR) |
| | <i>16-17 CREDIT TOTAL</i> | <i>13 CREDIT TOTAL</i> | <i>17-18 CREDIT TOTAL</i> |
| Year 1 or 2 (rotates) | FALL TERM | WINTER TERM | SPRING TERM |
| | MCH 102 Intro to Manufacturing (3 CR) -OR- IMT 105 Industrial Safety (4 CR) <small>*Both MCH 102 and IMT 105 are required to graduate</small> | IMT 222 Lean Manufacturing & Process (3 CR) | IMT 118 Bearings, Seals & Lubrications (3 CR) |
| | IMT 205 Intro to Pneumatics (3 CR) | IMT 108 Rigging (3 CR) | ELT 201 Electric Motor Controls (2 CR) |
| | MCH 134 Machining I (3 CR) | MCH 234 Machining II (3 CR) | GT 106 Green Production Practices (3 CR) |
| | ELT 127 Basic Programmable Controllers (2 CR) | ELT 128 Intermediate Programmable Controllers (2 CR) | ELT 227 Advanced Programmable Controllers (2 CR) |
| | ELT 110 Electricity for Non-Electricians I (2 CR) | ELT 111 Electricity for Non-Electricians II (2 CR) | IMT 280 Cooperative Work Experience (3 CR) |
| | IMT 109 Industrial Hydraulics I (3 CR) | IMT 200 Pumps and Valves (3 CR) | IMT 210 Proportional Hydraulics (3 CR) |
| | <i>16-17 CREDIT TOTAL</i> | <i>16 CREDIT TOTAL</i> | <i>16 CREDIT TOTAL</i> |

TOTAL: 95-96 Credits

Part Time Students:

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| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
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