# ADVANCED TECHNICAL CERTIFICATE
# AUTOMATED MANUFACTURING TECHNOLOGY
# 2011-2012

| PROGRAM REQUIREMENTS | | REQ | COMP | NEED |
|---|---|---|---|---|
| **TECHNICAL CORE** | | | | |
| MTHPT 130, 137, 138 | | 4 | | |
| MATH 123, 130, 130A & 130B, 137, 143 & 144, 147 | | | | |
| AMFTI 111 | Intro to Manufacturing | 3 | | |
| AMFTI 121 | Intro to CAD | 3 | | |
| AMFTI 123 | Engnr Graphics w/ACAD | 3 | | |
| AMFTI 125 | Engnr Graphics Apps | 3 | | |
| AMFTI 141 | Intro to Machining | 3 | | |
| AMFTI 143 | Machine Processes | 3 | | |
| AMFTI 145 | Intro to NC & CNC | 3 | | |
| AMFTI 241 | Intro to CAD/CAM | 3 | | |
| AMFTI 243 | Adv. CAD/CAM | 3 | | |
| AMFTI 245 | CNC Machining Processes | 3 | | |
| AMFTI 261 | Applyd Stats for Manuf | 3 | | |
| AMFTI 263 | Project Planning | 3 | | |
| AMFTI 265 | Manufacturing Project | 6 | | |
| AMFTI 296 | Co-op | 2 | | |
| ENGTE 135 | Applied Physics I | 3 | | |
| | Elective | 3 | | |
| | **TOTAL** | 54 | | |

| ELECTIVES | | REQ | COMP | NEED |
|---|---|---|---|---|
| AMFTI 290 | Directed Study | v | | |
| AMFTI 292 | Directed Special Proj. | v | | |
| | | | | |
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| | | | | |
| | **TOTAL** | | | |

v = variable credits

| SUMMARY | | | |
|---|---|---|---|
| TECHNICAL CORE | 54 | | |
| **TOTAL** | 54 | | |

| NOTES, SUBSTITUTIONS, WAIVERS |
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