



Mechanical Engineering Technology – Basic Drafting Technology Certificate

Curriculum Code C40320E

| Course Number | Course Title | Prerequisite/ Corequisites | Class | Lab | Credit |
|--------------------------------|-----------------------------------|----------------------------|----------|-----------|-----------|
| First Semester: Fall | | | | | |
| BPR 111 | Print Reading | | 1 | 2 | 2 |
| MEC 161 | Manufacturing Processes I | MEC 161A | 3 | 0 | 3 |
| MEC 161A | Manufacturing Processes I Lab | MEC 161 | 0 | 3 | 1 |
| Semester Totals | | | 4 | 5 | 6 |
| Second Semester: Spring | | | | | |
| DFT 154 | Intro Solid Modeling | | 2 | 3 | 3 |
| Semester Totals | | | 2 | 3 | 3 |
| Third Semester: Fall | | | | | |
| DFT 111 | Technical Drafting I | DFT 111A | 1 | 3 | 2 |
| DFT 111A | Technical Drafting I Lab | DFT 111 | 0 | 3 | 1 |
| MAC 234A | Advanced Multi-Axis Machining Lab | | 0 | 3 | 1 |
| MEC 110 | Intro to CAD/CAM | | 1 | 2 | 2 |
| Semester Totals | | | 2 | 11 | 6 |
| Cumulative Totals | | | 8 | 19 | 15 |