

Program Name: Precision Machining & Automation Tech.
 Program Chair: Kirby Taylor
 Date: FOR STUDENTS WHO START THE PROGRAM IN 2018FA

| COURSE # | COURSE TITLE | Lecture | Lab, Coop, Clinical, Internship | Total | Semester Credits | Quarter Credits |
|--------------|-------------------------|---------|---------------------------------------|-------|---------------------|--------------------|
| 1st. Quarter | | | | | | |
| OCTOBER-2018 | | | | | | |
| MACH 1121 | MANUFACTURING PROCESSES | 30 | 20 | 50 | | 3.5 |
| MACH1156 | BLUEPRINT READING | 20 | 30 | 50 | | 3 |
| MACH1225 | MATERIALS OF INDUSTRY | 50 | 0 | 50 | | 5 |
| MACH1173 | LAB 1 | 15 | 60 | 75 | | 3.5 |
| MACH 1174 | LAB 2 | 10 | 60 | 70 | | 3 |
| 2nd. Quarter | | | | | | |
| JANUARY-2019 | | | | | | |
| MACH 1223 | LAB 3 | 5 | 75 | 80 | | 3 |
| MACH 1224 | LAB 4 | 5 | 115 | 120 | | 4 |
| MACH 1241 | MACHINERY'S HANDBOOK | 50 | 0 | 50 | | 5 |
| MACH 1250 | CAD | 20 | 30 | 50 | | 3 |
| GENED 2 | RECOMMENDED MATH1050 | 45 | 0 | 45 | | 4.5 |
| 3rd Quarter | | | | | | |
| MARCH-2019 | | | | | | |
| MACH 1324 | LAB 5 | 10 | 190 | 200 | | 7 |
| MACH 1349 | CNC 1 | 45 | 30 | 75 | | 5.5 |
| GENED 3 | RECOMMEND ENGL 1010 | 45 | 0 | 45 | | 4.5 |
| GENED 1 | RECOMMENDED BSAD 1010 | 45 | 0 | 45 | | 4.5 |
| Semester 3 | | | | | | |
| AUGUST-2019 | | | | | | |
| MACH1428 | LAB 6 | 15 | 158 | 173 | 4.5 | |
| MACH1455 | CNC 2 WITH MASTERCAM | 60 | 90 | 150 | 6 | |
| MACH2547 | DIE THEORY | 23 | 23 | 46 | 2 | |
| GENED 4 | RECOMMEND SPCH 1110 | 45 | 0 | 45 | 3 | |
| Semester 4 | | | | | | |
| JANUARY-2020 | | | | | | |
| MACH2539 | TOOLMAKER DESIGN | 30 | 45 | 75 | 3 | |
| MACH2532 | DIE MAKING LAB | 8 | 135 | 143 | 3.5 | |
| MACH2535 | MOLD THEORY | 23 | 23 | 46 | 2 | |
| MACH2538 | MOLD MAKING LAB | 8 | 135 | 143 | 3.5 | |
| GENED 5 | RECOMMEND ECON 1200 | 45 | 0 | 45 | 3 | |

For Students who plan to take the Mold and Die Option