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| **FALL START** |  |  |  |
|  | **FALL SEMESTER**  |  |  |  |
| WFMA 1003  | Mathematics for Workforce Occupations  | 3 Credits | Grade Earned: |  |
| MTTC 1115  | Introduction to Machine Tools  | 5 Credits | Grade Earned: |  |
| MTTC 1204  | Bench Work and Precision Grinding  | 4 Credits | Grade Earned: |  |
| MTTC 1305  | Drill Press  | 5 Credits | Grade Earned: |  |
|  | CTS: Drill Press Operator **TOTAL SEMESTER CREDITS**  | **17** |  |  |
|  | **SPRING SEMESTER**  |  |  |  |
| MTTC 2105  | Basic Lathe I  | 5 Credits | Grade Earned: |  |
| MTTC 2203  | Computer Numerical Control (CNC) I  | 3 Credits | Grade Earned: |  |
| MTTC 2204  | Basic Lathe II  | 4 Credits | Grade Earned: |  |
| MTTC 2304  | Advanced Lathe  | 4 Credits | Grade Earned: |  |
|  | **TOTAL SEMESTER CREDITS**  | **16** |  |  |
|  | **SUMMER SEMESTER**  |  |  |  |
| MTTC 2404  | Basic Mill  | 4 Credits | Grade Earned: |  |
| MTTC 2504  | Advanced Mill  | 4 Credits | Grade Earned: |  |
| MTTC 2604  | Computer Numerical Control (CNC) II  | 4 Credits | Grade Earned: |  |
|  | Technical Diploma - Industrial Machine Shop Technician **TOTAL SEMESTER CREDITS**  | **12** |  |  |
|  | **FALL SEMESTER**  |  |  |  |
| ENGL 1010 | Rhetoric and Composition | 3 Credits | Grade Earned: |  |
| MATH 1105 | College Algebra | 3 Credits | Grade Earned: |  |
| Humanities see note 1 | List Course: | 3 Credits | Grade Earned: |  |
| Natural/Physical Science see note 2 | List Course: | 3 Credits | Grade Earned: |  |
| Social/Behavioral Science see note 3 | List Course: | 3 Credits | Grade Earned: |  |
|  | **TOTAL SEMESTER CREDITS** | **15** |  |  |
| Associate of Applied Science – Technical Studies**TOTAL DEGREE CREDITS**  | **60** |  |  |

**A grade of “C” or higher is required in all courses.**

**DEGREE NOTES:**

1 Choose from General Education courses: History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.

2 Choose from General Education courses: Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).

3 Choose from General Education courses: Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCI).

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| **SPRING START** |  |  |  |
|  | **SPRING SEMESTER**  |  |  |  |
| WFMA 1003  | Mathematics for Workforce Occupations  | 3 Credits | Grade Earned: |  |
| MTTC 1115  | Introduction to Machine Tools  | 5 Credits | Grade Earned: |  |
| MTTC 1204  | Bench Work and Precision Grinding  | 4 Credits | Grade Earned: |  |
| MTTC 1305  | Drill Press  | 5 Credits | Grade Earned: |  |
|  | CTS: Drill Press Operator **TOTAL SEMESTER CREDITS**  | **17** |  |  |
|  | **SUMMER SEMESTER**  |  |  |  |
| MTTC 2105  | Basic Lathe I  | 5 Credits | Grade Earned: |  |
| MTTC 2203  | Computer Numerical Control (CNC) I  | 3 Credits | Grade Earned: |  |
| MTTC 2204  | Basic Lathe II  | 4 Credits | Grade Earned: |  |
|  | **TOTAL SEMESTER CREDITS**  | **12** |  |  |
|  | **FALL SEMESTER** |  |  |  |
| MTTC 2304  | Advanced Lathe  | 4 Credits | Grade Earned: |  |
| MTTC 2404  | Basic Mill  | 4 Credits | Grade Earned: |  |
| MTTC 2504  | Advanced Mill  | 4 Credits | Grade Earned: |  |
| MTTC 2604  | Computer Numerical Control (CNC) II  | 4 Credits | Grade Earned: |  |
|  | Technical Diploma - Industrial Machine Shop Technician **TOTAL SEMESTER CREDITS**  | **16** |  |  |
|  | **SPRING SEMESTER**  |  |  |  |
| ENGL 1010 | Rhetoric and Composition | 3 Credits | Grade Earned: |  |
| MATH 1105 | College Algebra | 3 Credits | Grade Earned: |  |
| Humanities see note 1 | List Course: | 3 Credits | Grade Earned: |  |
| Natural/Physical Science see note 2 | List Course: | 3 Credits | Grade Earned: |  |
| Social/Behavioral Science see note 3 | List Course: | 3 Credits | Grade Earned: |  |
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