Computer Numerical Control (CNC) Technician (BP) Diploma

Semester Sequence - Full-Time

Offered at Brooklyn Park Only

| First Semester MACH1056 MACH1100 MACH1105 MACH1110 MACH1125 | Blueprint Reading I Introduction to Machining Technology Drilling and Sawing Processes Turning Technology I Milling Technology I | 3 3 2 3 3 | | | |
|--|--|--|--|--|--|
| | Technical Studies Electives | 3 | | | |
| Total Credits 17 | | | | | |
| Second Semester MACH1120 MACH1130 MACH1135 MACH1140 | Turning Technology II Milling Technology II Precision Grinding Introduction to CNC | 3 3 2 3 | | | |
| Tatal One dita 47 | Technical Studies Electives | 6 | | | |
| Total Credits 17 | | | | | |
| Third Semester MACH2400 MACH2406 MACH2415 MACH2420 MACH2425 MACH2435 | CNC Setup and Operation CNC Programming CNC Milling Blueprint Reading II for Machinists Geometry/Trigonometry for Machinists CNC Turning Centers | 3 3 2 2 3 | | | |
| Total Credits 16 | | | | | |
| Fourth Semester MACH2410 MACH2430 MACH2440 MACH2500 | CAD/CAM CNC Machining Centers Quality Assurance Introduction to Swiss-Style Machining Technical Studies Electives | 3 3 2 3 3 | | | |
| Total Credits 14 | | | | | |
| Technical Studies Electives | | | | | |
| Recommended: MACH1145 MACH1900 MACH2450 MACH2470 MACH2600 MACH2610 MACH2615 MACH2620 MACH2625 MACH2625 METS1000 | Machinists Reference Materials Specialized Lab Fundamentals of EDM Advanced CNC Turning Centers Introduction to Quality Assurance Inspection Processes Inspection Equipment and Techniques Quality Systems Computer Analysis of Manufacturing Data Computers in Manufacturing | 1 1 - 4 2 3 3 3 3 3 3 3 2 3 | | | |





| Acad | lemi | сΡ | lanni | na | Guid | de |
|-------|------|----|-------|----|------|----|
| 10000 | | | | | | |

| ENGC1050 | Additive Manufacturing | 3 |
|----------|------------------------|---|
| ENGC1250 | SOLIDWORKS I | 4 |

Choose a Total of: 12 Credits

Graduation (64 Credits)

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

5/6/2024 : BP 4306 / EP



 hennepintech.edu 952-995-1300
 Brooklyn Park Campus 900 Brooklyn Boulevard Brooklyn Park, 55445
 Eden Prairie, Burbon 13100 College View Drive Brooklyn Park, 55445

 HTG is an affirmative action, acqual apportunity external metric action and the referred Telementariations Refer View Stavio.
 The comment with head Stavio.
 Stavio.

