

Machine Tool Technology

Associate of Applied Science

Total credits: 90.0

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone



Term 1 Fall 14.0 credits

MTOL 101 — Manufacturing Processes I — 6.0 credits — Major Course

MTOL 111 — CNC I: Mill — 4.0 credits — Major Course

MTOL 121 — Inspection I — 2.0 credits — Major Course

MTOL 130 — Basic Print Reading: Metals — 2.0 credits — Major Course

Milestone: Meet with your academic advisor

Term 2 Winter 15.0 credits

MTOL 102 — Manufacturing Processes II — 6.0 credits — Major Course

MTOL 112 — CNC II: Lathe — 4.0 credits — Major Course

MTOL 122 — Inspection II — 2.0 credits — Major Course

MTOL 150 — CAM I — 3.0 credits — Major Course

Milestone: Meet with your academic advisor

Term 3 Spring 17.0 credits

MTOL 103 — Manufacturing Processes III — 6.0 credits — Major Course

MTOL 113 — CNC III: Applied Machining — 4.0 credits — Major Course

MTOL 140 — Mathematics for Machinists — 4.0 credits — General Education Course

MT3. 802 — Service Skills for Technicians — 3.0 credits — General Education Course

Milestone: Future Employment Meeting

Milestone: Meet with your academic advisor

Term 4 Fall 14.0 credits

MTOL 204 — Manufacturing Processes IV — 3.0 credits — Major Course

MTOL 214 — CNC IV: Machining Strategies — 3.0 credits — Major Course

MTOL 251 — Introduction to Mastercam — 3.0 credits — Major Course

HE 110 — First Aid and CPR — 1.0 credits — Major Course

WE1. 280I — CWE Manufacturing Technology — 4.0 credits — Elective Course

Milestone: Meet with your academic advisor

Milestone: Apply for graduation

Term 5 Winter 15.0 credits

MTOL 205 — Manufacturing Processes V — 3.0 credits — Major Course

MTOL 215 — CNC V: Multi-Axis Mill — 3.0 credits — Major Course

MTOL 252 — Mastercam II — 3.0 credits — Major Course

MTOL 261 — Solidworks I — 3.0 credits — Major Course

IN4. 164 — Technical Writing for CTE — 3.0 credits — General Education Course

Term 6 Spring 15.0 credits

MTOL 216 — CNC VI: Multi-Axis Lathe — 3.0 credits — Major Course

MTOL 253 — Mastercam III — 3.0 credits — Major Course

MTOL 262 — Solidworks II — 3.0 credits — Major Course

MTOL 270 — Materials Science — 2.0 credits — Major Course

MTOL 290 — Workholding for Machining — 2.0 credits — Major Course

WLD 170 — Welding I — 2.0 credits — Major Course

This program map represents one possible pathway through the program and is for reference only. Make an appointment with the [First Resort](#) (prospective students) or [Advising](#) (current students) to receive personalized guidance.