

Semester One		
ENGL 1101	Composition & Rhetoric (Pre-Req: Test Scores – See Advisor)	3
Click for Option	Area III: General Education Core	3
MCHT 1011	Introduction to Machine Tool	4
MCHT 1012	Blueprint for Machine Tool	3
Total Hours:		13

Semester Four		
Click for Option	Area IV: General Education Core	3
AMCA 2130	CNC Mill Manual Programming (Co-Req: AMCA 2110)	5
AMCA 2150	CNC Lathe Manual Programming (Co-Req: AMCA 2110)	5
Total Hours:		13

Semester Two		
Click for Option	Area II: General Education Core	3
MCHT 1119	Lathe Operations I (Pre-Req: MCHT 1011)	3
MCHT 1120	Mill Operations I	3
MCHT 1013	Machine Tool Math (Pre-Req: MATH 1012 or higher)	3
Total Hours:		12

Semester Five		
Click Here to Apply for Graduation		
Click for Option	Occupational-Related Elective	3
AMCA 2190	CAD/CAM Programming (Co-Req: AMCA 2110)	4
MCHT 1020	Heat Treatment/Surface Grinding	3
Total Hours:		10

Semester Three		
Click for Option	General Education Core Elective	3
AMCA 2110	CNC Fundamentals (Pre-Req: MCHT 1011 + MCHT 1012)	3
MCHT 1219	Lathe Operations II (Pre-Req: MCHT 1119)	3
MCHT 1220	Mill Operations II (Pre-Req: MCHT 1120)	3
Total Hours:		12



This plan is for informational purposes ONLY.
It is not a substitute for meeting with a
program advisor each term.

Total Program Hours: 60

OPTIONS

General Education Core

Area II: Social/Behavioral Science

ECON 1101 *Principles of Economics* (3)
(Pre-Req: Regular Admission*)

ECON 2105 *Macroeconomics* (3)
(Pre-Req: Regular Admission*)

ECON 2106 *Microeconomics* (3)
(Pre-Req: Regular Admission*)

HIST 1111 *World History I* (3)
(Pre-Req: Regular Admission* for English/Reading)

HIST 1112 *World History II* (3)
(Pre-Req: Regular Admission* for English/Reading)

HIST 2111 *U.S. History I* (3)
(Pre-Req: Regular Admission* for English/Reading)

HIST 2112 *U.S. History II* (3)
(Pre-Req: Regular Admission* for English/Reading)

POLS 1101 *American Government* (3)
(Pre-Req: Regular Admission* for English/Reading)

POLS 2401 *Global Issues* (3)
(Pre-Req: Regular Admission* for English/Reading)

PSYC 1101 *Introductory Psychology* (3)
(Pre-Req: Regular Admission* for English/Reading)

SOCI 1101 *Introduction to Sociology* (3)
(Pre-Req: Regular Admission* for English/Reading)

Area III: Natural Sciences/Mathematics

(Pre-Req: Test Scores – See Advisor)

MATH 1101 *Mathematical Modeling* (3)

MATH 1103 *Quant. Skills/Reasoning* (3)

MATH 1111 *College Algebra* (3)

Area IV: Humanities/Fine Arts

ARTS 1101 *Art Appreciation* (3)
(Pre-Req: Regular Admission*)

ENGL 2110 *World Literature* (3)
(Pre-Req: ENGL 1101)

ENGL 2130 *American Literature* (3)
(Pre-Req: ENGL 1101)

HUMN 1101 *Intro to Humanities* (3)
(Pre-Req: ENGL 1101)

MUSC 1101 *Music Appreciation* (3)
(Pre-Req: Regular Admission*)

General Education Core Elective

Any course from Areas II through IV OR

BIOL 1111(L) *Biology I + Lab* (4)
(Pre-Req: Regular Admission*)

BIOL 2113(L) *Human A&P I + Lab* (4)
(Pre-Req: Regular Admission*, Co-Req: ENGL 1101)

BIOL 2114(L) *Human A&P II + Lab* (4)
(Pre-Req: BIOL 2113 + Lab)

ENGL 1102 *Literature & Comp.* (3)
(Pre-Req: ENGL 1101)

MATH 1112 *College Trigonometry* (3)
(Pre-Req: MATH 1111 + Regular Admission*)

MATH 1113 *Precalculus* (3)
(Pre-Req: MATH 1111 + Regular Admission*)

MATH 1127 *Intro to Statistics* (3)
(Pre-Req: Regular Admission*)

MATH 1131 *Calculus I* (4)
(Pre-Req: MATH 1112 or 1113 + Regular Admission*)

PHYS 1110(L) *Conc. Phys + Lab* (4)
(Pre-Req: MATH 1101 or 1103 or 1111 + ENGL 1101)

PSYC 2103 *Human Develop.* (3)
(Pre-Req: PSYC 1101)

SPAN 1101 *Intro to Spanish* (3)
(Pre-Req: Regular Admission*)

SPCH 1101 *Public Speaking* (3)
(Pre-Req: Regular Admission* for English/Reading)

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Occupational-Related Electives

Any AMCA Course not required within the program

Any MCHT Course not required within the program

COMP 1000 *Introduction to Computers* (3)

ACCT 1100 *Financial Accounting I* (4)
(Pre-Req: Regular Admission*)

IDSY 1130 *Industrial Wiring* (4)

MGMT 1100 *Principles of Management* (3)

MKTG 1100 *Principles of Marketing* (3)

WELD 1000 *Intro to Welding Technology* (3)

*Regular Admission means that a student has met all admissions requirements and that the student does not require any learning support classes.
LTC's learning support courses are ENGL 0090, MATH 0090, and READ 0090.