Machine Tool Technology
Degree Program
MT13
Click here to jump to Program Description, Admissions Requirements, and Financial Aid.

Curriculum

General Education Core – Total of 15 Hours
Area I – Language Arts/Communications – Choose 3 Hours
ENGL 1101 Composition & Rhetoric (3)

Area II – Social/Behavioral Sciences – Choose 3 Hours
ECON 1101 Principles of Economics (3)
ECON 2105 Macroeconomics (3)
ECON 2106 Microeconomics (3)
HIST 1111 World History I (3)
HIST 1112 World History II (3)
HIST 2111 U.S. History I (3)
HIST 2112 U.S. History II (3)
POLS 1101 American Government (3)
POLS 2401 Global Issues (3)
PSYC 1101 Introductory Psychology (3)
SOCI 1101 Introduction to Sociology (3)

Area III – Natural Sciences/Mathematics – Choose 3 Hours
MATH 1101 Mathematical Modeling (3)
MATH 1103 Quantitative Skills/Reasoning (3)
MATH 1111 College Algebra (3)

Area IV – Humanities/Fine Arts – Choose 3 Hours
ARTS 1101 Art Appreciation (3)
ENGL 2110 World Literature (3)
ENGL 2130 American Literature (3)

General Education Core Elective – Choose 3 Hours
Any AMCA Course not required in program
Any MCHT Course not required in program
COMP 1000 Introduction to Computers (3)
DFTG 1101 CAD Fundamentals (4)
IDSY 1130 Industrial Wiring (4)
MKTG 1100 Principles of Management (3)
WELD 1000 Intro to Welding Technology (4)

General Education Core Electives
ARTS 1101 Art Appreciation (3)
BIOL 1111(L) Biology I + Lab (4)
BIOL 2113(L) Human A&P I + Lab (4)
BIOL 2114(L) Human A&P II + Lab (4)
ECON 1101 Principles of Economics (3)
ECON 2105 Macroeconomics (3)
ECON 2106 Microeconomics (3)
ENGL 1102 Literature & Comp. (3)
ENGL 2110 World Literature (3)
ENGL 2130 American Literature (3)
HIST 1111 World History I (3)
HIST 1112 World History II (3)
HIST 2111 US History I (3)
HIST 2112 US History II (3)
HUMN 1101 Intro to Humanities (3)
MATH 1101 Math Modeling (3)
MATH 1103 Quant. Skills/Reason (3)
MATH 1111 College Algebra (3)
MATH 1112 College Trig (3)
MATH 1113 Precalculus (3)
MATH 1127 Intro to Statistics (3)
MATH 1131 Calculus I (4)
MUSC 1101 Music Apprec. (3)
PHYS 1110(L) Conc. Phys + Lab (4)
POLS 1101 American Govt. (3)
POLS 2401 Global Issues (3)
PSYC 1101 Intro Psychology (3)
PSYC 2103 Human Develop. (3)
SOCI 1101 Intro to Sociology (3)
SPAN 1101 Intro to Spanish (3)
SPCH 1101 Public Speaking (3)

Occupational-Related Electives
Any AMCA Course not required in program
ACCT 1100 Financial Accounting I (4)
DFTG 1101 CAD Fundamentals (4)
IDSY 1130 Industrial Wiring (4)
MGMT 1100 Principles of Management (3)
MKTG 1100 Principles of Marketing (3)
WELD 1000 Intro to Welding Technology (4)

Total: 60 Hours

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website: http://www.laniertech.edu/GE.aspx.
Program Description
The Machine Tool Technology Degree program is a sequence of courses that prepares students for careers in the machine tool technology field. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of machine tool theory and practical application necessary for successful employment. Program graduates receive a Machine Tool Technology Associate of Applied Science Degree and have the qualification of a machine tool technician.

Program Specific Information
Students are accepted every semester based on course and space availability.

Program Length & Availability
4 Semesters
Campus Availability: Oakwood

Admissions Requirements
• Must be 16 years of age.
• High school diploma or GED is required prior to admission.
  (Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
• ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid
This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.