LANIER
Technical College

Oakwood	Forsyth	Barrow	Jackson	Dawson
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www.laniertech.edu

Machine Tool Technology

Updated: 5/06/2015
Effective Term: 201516

Diploma Program
MTT2

[Click here to jump to Program Description, Admissions Requirements, and Financial Aid.](#)

Curriculum

Basic Skills – Total of 8 Hours

ENGL 1010 *Fundamentals of English I (3)*
MATH 1012 *Foundations of Mathematics (3)*
EMPL 1000 *Interpersonal Relations (2)*

Program-Specific Core – Total of 28 Hours

MCHT 1011 *Intro to Machine Tool (4)*
MCHT 1012 *Blueprint for Machine Tool (3)*
MCHT 1020 *Heat Treatment/Surface Grind (3)*
MCHT 1119 *Lathe Operations I (3)*
MCHT 1120 *Mill Operations I (3)*
AMCA 2110 *CNC Fundamentals (3)*
MCHT 1219 *Lathe Operations II (3)*
MCHT 1220 *Mill Operations II (3)*

MCHT 1013 *Machine Tool Math (3) - OR -*
{ MATH 1013 *Algebraic Concepts (3)*
MATH 1015 *Geometry & Trigonometry (3)* } *BOTH*

Occupational-Related Elective – Choose 6 Hours

Total: 42 Hours

Occupational-Related Electives

Any AMCA Course not required in program
Any MCHT Course not required in program
COMP 1000 *Introduction to Computers (3)*
ACCT 1100 Financial Accounting I (4)
IDSY 1130 *Industrial Wiring (4)*
MGMT 1100 *Principles of Management (3)*
MKTG 1100 *Principles of Marketing (3)*
WELD 1000 *Intro to Welding Technology (3)*

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.

Machine Tool Technology
Diploma Program
MTT2

Program Description

The Machine Tool Technology Diploma 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 diploma 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.

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