

Motorsports Vehicle Technology

Diploma Program

MVT2

Updated: 5/06/2015
Effective Term: 201516

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Admissions Requirements, and Financial Aid.](#)

Curriculum

Basic Skills – Total of 8 Hours

ENGL 1010 *Fundamentals of English I* (3)
EMPL 1000 *Interpersonal Relations* (2)

MATH 1012 *Foundations of Mathematics* (3) - OR -
MCHT 1014 *Machine Tool Math* (3)

Program-Specific Core – Total of 46 Hours

COMP 1000 *Introduction to Computers* (3)
MSVT 1000 *Intro Motorsports/Race Sys* (3)
MSVT 1010 *Electrical Systems* (4)
MSVT 1040 *Gear Box & Final Drives* (4)

MSVT 1030 *Motorsports Welding* (3) - OR -
WELD 1000 *Intro Welding Technology* (4)

MSVT 2000 *Motorsports Composites* (5) - OR -
MSVT 2005 *Body/Chassis Design/Fabrication* (5)

MCHT 1011 *Intro to Machine Tool* (4) - OR -
MSVT 1020 *Motorsports Machine Tool* (4) - OR -
ACRP 1000 *Intro/Auto Collision Repair* (4) - OR -
DFTG 1101 *CAD Fundamentals* (4)

MSVT 1090 *Motorsports Internship I* (4)
MSVT 1050 *Fabrication Techniques* (6)
MSVT 2010 *Engine Design Bldg/Testing* (3)
MSVT 2020 *Race Car Preparation/Testing* (3)
MSVT 2090 *Motorsports Internship II* (4)

Total: 54 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>

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Program Description

The Motorsports Vehicle Technology program prepares students for an entry level position in a racing team shop. Focus is on many forms of racing vehicles including sports cars, stock cars, drag cars, and open wheel cars. Students learn chassis set up, engine designs, brake systems, transmissions, electrical systems, fuel systems, and fabrication skills unique to racing vehicles. Students are also taught precision measurement, math, and communication skills required of racing team members.

Program Specific Information

Students are accepted Fall and Spring semesters based on course and space availability and selective admission.

Additional Admissions Requirements

A competitive admission process, including competency testing and a copy of current resume, is used to select applicants for the program. Application deadline is approximately five weeks prior to the start of Spring Semester and approximately four weeks prior to the start of fall Semesters. Please contact the Motorsports Program Director to confirm due dates. Applications, transcripts, and test scores must be received prior to these dates.

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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