Motorsports Vehicle Technology

Degree Program

MVT3

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)
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

Program-Specific Core – Total of 46 Hours

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)


MCHT 1011 Intro to Machine Tool (4) - OR - MSVT 2010 Motorsports Machine Tool (4) - OR -

ACRP 1000 Intro/Auto Collision Repair (4) - OR -

DFTG 1101 CAD Fundamentals (4)

Occupational-Related Elective – Choose 3 Hours

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: 61 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 associate degree 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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