## Sample Graduation Plan

### Degree in Motorsports Vehicle Technology

**MVT3**

### Semester One

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Click for Option</td>
<td>Area III: General Education Core</td>
<td>3</td>
</tr>
<tr>
<td>MSVT 1000</td>
<td>Intro to Motorsports/Race Systems <em>(Pre-Req: Regular Admission</em>)</td>
<td>3</td>
</tr>
<tr>
<td>Choose One:</td>
<td>MCHT 1011 Intro to Machine Tool or ACRP 1000 Intro to Auto Collision or DFTG 1101 CAD Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>Choose One:</td>
<td>WELD 1000 Intro to Welding (4) or MSVT 1030 Motorsports Weld (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours:** 13

### Semester Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>Composition &amp; Rhetoric <em>(Pre-Req: Test Scores – See Advisor)</em></td>
<td>3</td>
</tr>
<tr>
<td>MSVT 2020</td>
<td>Race Car Preparation &amp; Testing <em>(Co-Req: MSVT 1000)</em></td>
<td>3</td>
</tr>
<tr>
<td>MSVT 1050</td>
<td>Fabrication Techniques <em>(Pre-Req: WELD 1000 or MSVT 1030, Co-Req: MSVT 1000)</em></td>
<td>6</td>
</tr>
<tr>
<td>Choose One:</td>
<td>MSVT 2000 Motorsp. Composites <em>(Co-Req: MSVT 1000)</em> or MSVT 2005 Body/Chassis Des./Fab. <em>(Pre-Req: MSVT 1000)</em></td>
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**Total Hours:** 17

### Semester Three

<table>
<thead>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MSVT 1010</td>
<td>Electrical Systems <em>(Pre-Req: MSVT 1000)</em></td>
<td>4</td>
</tr>
<tr>
<td>MSVT 1040</td>
<td>Gear Box &amp; Final Drives <em>(Pre-Req: MSVT 1000)</em></td>
<td>4</td>
</tr>
<tr>
<td>MSVT 1090</td>
<td>Motorsports Internship <em>(Co-Req: MSVT 1000)</em></td>
<td>4</td>
</tr>
<tr>
<td>Click for Option</td>
<td>Occupational-Related Elective</td>
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</table>

**Total Hours:** 15

### Semester Four

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Click for Option</td>
<td>Area II: General Education Core</td>
<td>3</td>
</tr>
<tr>
<td>Click for Option</td>
<td>Area IV: General Education Core</td>
<td>3</td>
</tr>
<tr>
<td>MSVT 2010</td>
<td>Engine Design Building/Testing <em>(Co-Req: MSVT 1000)</em></td>
<td>3</td>
</tr>
<tr>
<td>Click for Option</td>
<td>General Education Core Elective</td>
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</table>

**Total Hours:** 12

### Semester Five

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSVT 2090</td>
<td>Motorsports Internship II <em>(Pre-Req: MSVT 1090)</em></td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Hours:** 4

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*Regular Admission means that a student has met all admissions requirements and that the student does not require any learning support classes.

**Total Program Hours:** 61

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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](http://www.laniertech.edu/GE.aspx)
### 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 1100** *Quant. Skills/Reasoning* (3)
- **MATH 1101** *Mathematical Modeling* (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 Trig* (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)

### Occupational-Related Elective

- **COMP 1000** *Introduction to Computers* (3)
- **ENGT 1000** *Intro to Engineering Tech* (3)
- **MGMT 1100** *Principles of Management* (3)
- **MGMT 1120** *Introduction to Business* (3)
- **MKTG 1100** *Principles of Marketing* (3)
- **MKTG 1160** *Professional Selling* (3)
- **MSVT 2030** *Composites Applications* (3)

*Regular Admission means that a student has met all admissions requirements and that the student does not require any learning support classes.

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