# B.S. of Automotive Engineering Technology

**Freshman or Transfer w/o Approved Automotive AS or AAS Degree**

**Student Name:** ___________________

**Student ID #:** ___________________

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
<th>Notes</th>
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<tbody>
<tr>
<td>AET 132</td>
<td>3</td>
<td>Theory of IC Engines</td>
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<tr>
<td>AET 233</td>
<td>3</td>
<td>Engine Systems &amp; Controls</td>
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<td>AET 239</td>
<td>3</td>
<td>Automotive Chassis</td>
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<td>AET 335</td>
<td>3</td>
<td>Body Control Systems</td>
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<td>AET 336</td>
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<td>Engine Fuels &amp; Lubricants</td>
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<td>AET 435</td>
<td>3</td>
<td>Engine Thermodynamics</td>
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<tr>
<td>AET 436</td>
<td>3</td>
<td>Diesel Engines</td>
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<tr>
<td>MET 103</td>
<td>3</td>
<td>Technical Graphics</td>
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<tr>
<td>MET 329</td>
<td>3</td>
<td>Fluid Power Technology</td>
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<tr>
<td>MET 333</td>
<td>3</td>
<td>Power Systems</td>
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<td>MET 430</td>
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<td>Senior Seminar</td>
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### Required Automotive Management Courses. Choose 3 courses from the following:

- AET 330 (3) Survey of Motorsports (also counts as UDIE in FS)
- AET 432 (3) Parts Distribution and MKTG
- AET 433 (3) Service Facilities ORG & Mgt
- AET 440 (3) Fixed Operations MGT
- AET 457 (3) Fleet Management
- AET 458 (3) Tech Persp in Entrepreneurship
- AET 477 (3) Advanced Vehicle Technologies

### Required Supporting Courses:

- Physics (4) 101/101L or 105/105L
- ECT 160 (3) Electronic Fundamentals
- SFTY 212 (3) Intro to Indus. Hlth. and Safety

### Required Internship / Co-op Experience. Choose 1 course from the following:

- MET 351 (3) Coop. Industrial Practice
- AET 493 (3) Motorsports Practicum

### Required Management Courses. Choose 1 course from the following:

- MGT 301 (3) Survey of Management
- TMGT 492 (3) Industrial Supervision
- MET 405 (3) Economic Analysis

### Required Manufacturing Courses. Choose 1 course from the following:

- MFG 370 (3) Fundamentals of Manufacturing Processes
- MFG 371 (3) Manufacturing Processes and Materials
- MFG 372 (3) Plastics Technology

### Foundational Studies Program:

- ENG 101/5 (6) Fund. Of Writing OR ENG 107 (3) Freshman Writing (3) Junior Composition
- COMM 101 (3) Intro to Speech
- Foreign Language 1st semester
- Foreign Language 2nd semester
- MET 215 (3)
- PE 101 (2) or AHS 111 (3)
- Laboratory Science (LS) (4) CHEM 100/L
- Soc or Behav. Sci (SBS) (3)
- Literary Studies (LS) (3)
- Fine & Perf. Arts (FPA) (3)
- Historical Studies (HS) (3)
- Global Persp/Cult. Div (3) (GPCD)
- Ethics & Soc Resp. (ESR) (3)
- Upper Division Integrative Electives (UDIE) (3)
- (3)*

*Not required if ISU Minor or Certificate is completed

Free electives needed to reach 120 hour minimum and/or 45 hours of 300-400 level credit:

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