Transfer Student Pre-Professional & Elective Courses (Area V)

Institution:  Alabama Agricultural and Mechanical University  2021-2022 Bulletin

AGSC Guide/Major:  Engineering – Mechanical / Mechanical Engineering

Is this an Institution-Only Major?  Yes □ / No ✓

Specific options to which these requirements/recommendations apply:
- Manufacturing Systems
- Nuclear Systems
- Propulsion Systems
- General Mechanical Engineering

Maximum total number of electives/pre-professional hours:  23

Hours specified by the Approved STARS Area V Guide:  18
(see the approved transfer guide at http://stars.troy.edu/get_the_guide_step_1.html)

<table>
<thead>
<tr>
<th>Course Subj/Num (2-yr System)</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 126</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 111</td>
<td>College Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>MTH 227</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MTH 238</td>
<td>Applied Differential Equations I</td>
<td>3</td>
</tr>
</tbody>
</table>

*Institution-specific computer programming

*CIS 231 or CIS 251 is recommended.

Remaining  5   hours should be selected from/include the following:

<table>
<thead>
<tr>
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<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HED 221, 224, PED 105, 113, 133, (103 and 106), 140, 141, 123</td>
<td>Personal Hlth OR Personal &amp; Community Hlth OR PED elective(s) in the recommended following: fitness, gymnastics, tennis, aerobics/weight training, begin swim, intermediate swim, golf</td>
<td>2</td>
</tr>
<tr>
<td>CHM 112</td>
<td>College Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MTH 237</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

Transfer Student Recommendations (Areas I-IV)

**AREA I – WRITTEN COMPOSITION:**  MinGrade C.
- ENG 101  3
- ENG 102  3

**AREA II – HUMANITIES & FINE ARTS:**
- Fine Arts See GenEd Listing¹  3
- Literature See GenEd Listing¹  3
- Hum a/o FA See GenEd Listing¹  3
- Hum a/o FA  0

**AREA III – SCIENCE & MATH:**
- Lec/Lab  PHY 213  4
- Lec/Lab  PHY 214  4
- Math  MTH 125  4

**AREA IV – HISTORY, SOCIAL, BEHAVIORAL SCI:**
- History Sequence - See GenEd Listing¹  6
- Economics See GenEd Listing¹  3
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Please print this document and attach it to the Engineering-Mechanical Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in Mechanical Engineering at Alabama A&M University.

Name __________________________________________ Date ____________________ AAMU Banner ID ____________________