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

Institution: Auburn University

AGSC Guide/Major: Materials Engineering

Is this an Institution Only Major: NO

Specific options or tracks to which these requirements/recommendations apply:

__________________________________
__________________________________
__________________________________

Maximum total number of electives/pre-professional hours: 61

Hours specified by the Approved STARS Area V Guide: 36 (see the approved transfer guide at http://stars.troy.edu/get_the_guide_step_1.html)

Remaining 25 hours should be selected from/include the following:

<table>
<thead>
<tr>
<th>Course name/ number (2-year system)</th>
<th>Course Title</th>
<th>Credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 126</td>
<td>Calculus II</td>
<td>4SH</td>
</tr>
<tr>
<td>MTH 227</td>
<td>Calculus III</td>
<td>4SH</td>
</tr>
<tr>
<td>MTH 238</td>
<td>Applied Differential Equations I</td>
<td>3SH</td>
</tr>
<tr>
<td>MTH 237</td>
<td>Linear Algebra</td>
<td>3SH</td>
</tr>
<tr>
<td>CHM 111</td>
<td>College Chemistry I</td>
<td>4SH</td>
</tr>
<tr>
<td>CHM 112</td>
<td>College Chemistry II</td>
<td>4SH</td>
</tr>
</tbody>
</table>

Comments:

Students must complete a sequence in either History (Area IV) or Literature (Area II). It is recommended that this sequence be in World History or Western Civilization. While U.S. History will fulfill the sequence requirement, it will not fulfill Auburn SLO requirements potentially resulting in additional core courses being required.

Area II must include at least one Literature course, one Fine Art course, and an additional course. The additional course should be an Ethics course (PHL 206 Ethics and Society or IDS 102 Ethics) that is required for Materials Engineering majors.

A programming language course is required. MATLAB is the programming language used in Materials Engineering. CIS 231 FORTRAN Programming and CIS 251 C++ Programming are not required.
Institutional Contact Information:
Name: Engineering Transfer Specialist
Title: Engineering Transfer Advisor
Office Address: Engineering Student Services, 1210 Shelby Center, Auburn AL 36849
Email: ess@auburn.edu
Phone number: 334-844-4310
www.auburn.edu/transfer

Please print this document and attach it to the Engineering-Materials Articulation Guide. Together, this document and the articulation guide comprise the articulation agreement for a major in Materials Engineering at Auburn University.

Name: ___________________________ Date: __________________

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