**INDUSTRIAL ENGINEERING**  
Associate of Science Degree  
MAJOR CODE AS-IMME

<table>
<thead>
<tr>
<th>Student Name</th>
<th>ID#</th>
<th>FA Student</th>
<th>VA Student</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Signature</th>
<th>Date</th>
<th>Counselor Name</th>
<th>Counselor Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**EPCC COURSE RUBRIC/TCC Number**

<table>
<thead>
<tr>
<th>REQUIRED COURSES</th>
<th>CR</th>
<th>SEMESTER COURSE COMPLETED</th>
<th>GRADE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Show origin of any transfer credit or remedial/prerequisite designations or substitution/waiver)</td>
</tr>
</tbody>
</table>

**FIRST YEAR**

### FIRST SEMESTER

- **CHEM 1311**  
  General Chemistry I
  CR: **3**

- **CHEM 1111**  
  General Chemistry Laboratory I
  CR: **1**

- **EDUC 1300**  
  Learning Framework
  CR: **3**

- **ENGL 1300**  
  Expository English Composition
  CR: **1**

- **HIST 1301**  
  History of the United States to 1877
  CR: **3**

### SECOND SEMESTER

- **ENGL 1302**  
  Research Writing and Literary Analysis
  CR: **3**

- **ENGR 1201**  
  Introduction to Engineering
  CR: **2**

- **ENGR 1204**  
  Engineering Graphics
  CR: **2**

- **PHYS 2325**  
  Engineering Physics I
  CR: **3**

- **PHYS 2125**  
  Engineering Physics Laboratory I
  CR: **1**

### SUMMER SESSION

- **HIST 1302**  
  History of the United States since 1877
  CR: **3**

- **SPCH 1321**  
  Organizational and Professional Communication
  CR: **3**

**SECOND YEAR**

### FIRST SEMESTER

- **ENGR 2301**  
  Statics
  CR: **3**

- **GOVT 2305**  
  American Government and Politics
  CR: **3**

- **MATH 2314**  
  Calculus II
  CR: **3**

- **Social and Behavioral Sciences**
  CR: **3**

---

**Expiry Date:** Expires in 5 years

---

**Operator:** Rafaela Franco

---

**Notes:**
- Bring in this degree plan every time you meet with a counselor for advising and updating.
## INDUSTRIAL ENGINEERING

**Associate of Science Degree**  
**MAJOR CODE:** AS-IMME

### SECOND SEMESTER

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 2305</td>
<td>Electromechanical Systems</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 2308</td>
<td>Economy for Engineers and Scientists</td>
<td>3</td>
</tr>
<tr>
<td>*GOVT 2306</td>
<td>State and Local Government&lt;sup&gt;7&lt;/sup&gt; (C)</td>
<td>3</td>
</tr>
<tr>
<td>*</td>
<td>Creative Arts&lt;sup&gt;5&lt;/sup&gt;(C)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credit Hours:** 60

---

**Comments:**

---

### Explanation for Superscripts

1. **Communication Block:**
   - Complete each of the following: ENGL 1301 and SPCH 1321;

2. **Mathematics Block:**
   - Complete one of the following: MATH 1314, 2412, 2413;  
   - NOTE: MATH 2413 (preferred)

3. **Life and Physical Sciences Block:**
   - Complete each of the following: CHEM 1311 and PHYS 2325 to fulfill the Life and Physical Sciences Block.

4. **Language Philosophy & Culture Block:**
   - Complete one of the following: ARCH 1301; ARTS 1303, 1304;  
   - COMM 1307; ENGL 2322, 2323, 2332, 2333, 2342, 2343, 2351;  
   - HIST 2321, 2322; PHIL 1301, 2303, 2306; SPAN 2311, 2313, 2315;

5. **Creative Arts Block:**
   - Complete one of the following: ARTS 1301; COMM 2366; DANC 2303; DRAM 1310; MUSI 1306, 1310;

6. **American History Block:**
   - Complete each of the following: HIST 1301 and 1302;

7. **Government/Political Sciences Block:**
   - Complete each of the following: GOVT 2305 and 2306;

8. **Social and Behavioral Sciences Block:**
   - Complete one of the following: ANTH 2346; ECON 1301, 2301, 2302;  
   - PSYC 2301, 2306, 2314; SOCI 1301, 2301;

9. **Component Area Option Block:**
   - Complete each of the following: EDUC 1300 and ENGL 1302;

10. **Lab Science Courses:**
    - Complete each of the following: CHEM 1111 and PHYS 2125 to fulfill the Lab Science Courses.

---

*In Core Curriculum

Students are advised to refer to the course descriptions for all courses identified in the degree plan to ensure they have completed the appropriate prerequisites.

**Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.**