## General Education

### Area A: Essential Skills – 9 Hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem</th>
<th>Grade</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101-Eng Comp 1</td>
<td>3*</td>
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<td>3</td>
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<tr>
<td>ENGL 1102-Eng Comp 2</td>
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<tr>
<td>MATH 1113-Pre-Calculus Calculus</td>
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<tr>
<td>MATH 2101-Calculus I</td>
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### Area B: Institutional Options – 5 Hrs

- AFRS 1501-African American History: 2
- HUMN 1201-Critical Thinking & Communication: 3

### Area C: Humanities/Fine Arts – 6 Hrs

**Choose one:**
- ENGL 2110 (formerly 2111&2112), 2121, 2122, 2131, 2132, 2222; or RPHS 2101, 2241 (formerly RPHS 4241)
- HUMN 2011; ARTS 1101; MUSC 1101; THEA 2101 or ENGL 2521 (formerly ENGL 3521)

### Area D: Science, Mathematics and Technology – 11 Hrs

**Select one** 3 hour course
- ASTR 1010; CSCI 1371; CSCI 1130; CSCI 1301; BIOL 1107; CISM 1130; CHEM 1211; ENVS 1140

**Choose two of the following sequences.** 8 hours classes
- BIOL 1107& 1108 (Principles of Biology I & II): 6
- BIOL 1107L & 1108L (Principles of Biology I & II Labs): 2
- CHEM 1211 & 1212 (Principles of Chemistry I & II): 6
- CHEM 1211L & 1212L (Principles of Chemistry I & II Labs): 2
- PHSC 1011K & PHSC 1012K (Physical Science I & II): 8
- PHYS 1111K & PHYS 1112K (Introductory Physics I & II): 8
- PHYS 2211K & PHYS 2212K (Principles of Physics I & II): 8

### Area E: Social Sciences – 12 Hrs

<table>
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<th>Course</th>
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<th>Hrs</th>
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<tbody>
<tr>
<td>HIST 2111-United States History or</td>
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<tr>
<td>HIST 2112-United States History</td>
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<tr>
<td>POLS 1101-American Government</td>
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<td>POLS 2401-Global Issues</td>
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**Choose one:**
- AFRS 2000; HIST 1111, 1112; PSYC 1101, 2103; GEOG 1101; ANTH 1101; ECON 2105 or SOCI 1101, 1160

## Additional Requirements

### Freshmen Year Experience - (2 hrs)
- COST 1103 Freshman Year Exp

### Health Education - (3 hrs)
- HEDU

**Choose one:**
- HEDU 1101, 1111, 1201 or 1211

**Choose one:**
- HEDU 1150, 1301, 1401, 1501, 1511, 1521, 1601, 1611 or 1621

### Area F: General Technology Core – 17 Hrs

- CHEM 1211 Principles of Chemistry I: 3
- CHEM 1211L Principles of Chemistry I Lab: 1
- ENGT 2101K OR ENGR 2770: 3
- MATH 2201 Elementary Statistics: 3

**Choose 7 hours from the following courses as part of area F:**
- CIVT 3101K Surveying: 4
- CIVT 3201K Civil Engineering Materials: 3
- CIVT 3501 Civil Engineering Computing Practices: 3
- CSCI 1301 Computer Science I: 3
- CSCI 1371 Computing for Engineers & Scientists: 3
- CSCI 1619 Programming in Java: 4
- ELET 3101K Electrical Circuits I: 3
- ELET 3301K Digital Systems I: 3
- ELET 3701K Data Acquisition Systems: 2
- ENGR 2030 Introduction to Computer Engineering: 3

## College Preparatory Courses (if required)

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<tr>
<th>Regents Exam</th>
<th>Reading</th>
<th>Writing</th>
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* A minimum grade of “C” is required for this course 65 total credit hours.