## Program Map: Associate of Science – Core Curriculum
### Engineering Technology Department, College of Science and Technology

<table>
<thead>
<tr>
<th>Name:</th>
<th>SID:</th>
<th>Advisor:</th>
<th>Start Date:</th>
<th>Catalog Date:</th>
<th>Expected Graduation Date:</th>
</tr>
</thead>
</table>

### Freshman

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
</table>
| ENGL 1101 | Composition I | 3 | ENGL 1102 | Composition II | 3 | *Note Area D Lab Science courses must be taken in sequence, i.e., if you take BIOL 1107 & 1107L as the first Area D course, you must take BIOL 1108 & 1108L next.
| Core Area A | Pre-requisite: None | | Core Area A | Pre-requisite: ENGL 1101 | |
| MATH 1113 | Pre-Calculus | 3 | Area F | STEM Course 1 | 3 | Accumulate minimum of 30 semester hours in your Freshmen Year. |
| Core Area A | Pre-requisite: MATH 1111 | | Pre-requisite: Varies | |
| COST 1103 | COST First Year Experience | 2 | HUMN 1201 | Critical Thinking & Communicating | 3 | |
| Area F | Pre-requisite: None | | Pre-requisite: None | |

### Core Area C Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>STEM Course 1</td>
<td>Select a course from any STEM pathway program.</td>
<td>16</td>
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### Area D (non-lab) Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Area C Option</td>
<td>Pre-requisite: Varies</td>
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</tr>
<tr>
<td>Area D Lab Option</td>
<td>Pre-requisite: Varies</td>
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### Area D (lab) Option

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<th>Course</th>
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<tbody>
<tr>
<td>Area D Lab Option</td>
<td>Pre-requisite: Varies</td>
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### Fall Milestones

<table>
<thead>
<tr>
<th>Total</th>
<th>Spring Milestones</th>
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<tbody>
<tr>
<td>14</td>
<td>16</td>
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### Sophomore

<table>
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<tr>
<th>Course</th>
<th>Name</th>
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<th>Course</th>
<th>Name</th>
<th>Hours</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Core Area E Option</td>
<td>Pre-requisite: None</td>
<td>3</td>
<td>Area F</td>
<td>STEM Course 3</td>
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<tr>
<td>Area D Lab Option</td>
<td>Pre-requisite: Varies</td>
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<td>Pre-requisite: Varies</td>
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<tr>
<td>AFRE 1501</td>
<td>Survey African American History</td>
<td>2</td>
<td>Area F</td>
<td>STEM Course 4</td>
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<td>Area F STEM Course 2</td>
<td>Pre-requisite: Varies</td>
<td>4</td>
<td>Pre-requisite: None</td>
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### Fall Milestones

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<tr>
<th>Total</th>
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<td>16</td>
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Pre-requisite for the second area D course is the first course in sequence.
Program Map: Associate of Science – Core Curriculum
Engineering Technology Department, College of Science and Technology

Core Curriculum

Area B – Institutional Options 5 hrs
i. AFRS 1501 Survey of African-American Experience 2 hrs
ii. HUMN 1201 Critical Thinking & Communication 3 hrs

Area C – Humanities/Fine Arts, and Ethics 6 hrs,
1. Select one of the following:
   i. ENGL 2111 World Literature I 3 hrs
   ii. ENGL 2112 World Literature II 3 hrs
   iii. ENGL 2121 British Literature I 3 hrs
   iv. ENGL 2122 British Literature II 3 hrs
   v. ENGL 2131 American Literature I 3 hrs
   vi. ENGL 2132 American Literature II 3 hrs
   vii. ENGL 2222 African American Literature 3 hrs
   viii. PHIL 2010 Introduction to Philosophy 3 hrs
   ix. PHIL 2030 Introduction to Ethics 3 hrs
2. Select one of the following:
   i. ARTS 1101 Introduction to Visual Art 3 hrs
   ii. DNCE 2010 Dance Appreciation 3 hrs
   iii. ENGL 2521 Introduction to Film 3 hrs
   iv. HUMN 2011 Humanities 3 hrs
   v. MUSC 1101 Introduction to Music 3 hrs
   vi. THEA 2101 Introduction to Theatre 3 hrs

Area D – Natural Sciences, Math & Technology 11 hrs
1. Select one of the following:
   i. BIOL 1107 Principles of Biology I 3 hrs
   ii. BIOL 1108 Principles of Biology II 3 hrs
   iii. CHEM 1211 Principles of Chemistry I 3 hrs
   iv. CHEM 1212 Principles of Chemistry II 3 hrs
   v. CISM 1130 Computer Applications 3 hrs
   vi. CSCI 1130 Computer Applications 3 hrs
   vii. CSCI 1301 Computer Science I 3 hrs
   viii. ENVS 1140 Environmental Issues 3 hrs
2. Select two of the following lab sciences in sequence:
   i. BIOL 1107/1107L Principles of Biology I 4 hrs
   ii. BIOL 1108/1108L Principles of Biology II 4 hrs
   iii. CHEM 1211/1211L Principles of Chemistry 4 hrs
   iv. CHEM 1212/1212L Principles of Chemistry 4 hrs
   v. PHYS 1111K Introductory Physics I 4 hrs
   vi. PHYS 1112K Introductory Physics II 4 hrs
   vii. PHYS 2211K Principles of Physics I 4 hrs
   viii. PHYS 2212K Principles of Physics II 4 hrs

Area E – Social Science 12 hrs
1. Select one of the following:
   i. HIST 2111 U.S. History to the Post-Civil War Period 3 hrs
   ii. HIST 2112 U.S. History from the Post-Civil War to Pre 3 hrs
2. Select two of the following:
   i. AFRS 2000 Introduction to Africana Studies 3 hrs
   ii. ANTH 1101 Introduction to Anthropology 3 hrs
   iii. ECON 2105 Principles of Macro-Economics 3 hrs
   iv. GEOG 1101 Introduction to Human Geography 3 hrs
   v. HIST 1111 World Hist to Early Modern Times 3 hrs
   vi. HIST 1112 World History Early Modern Times to Pres 3 hrs
   vii. POLS 2401 Global Issues 3 hrs
   viii. PSYC 1101 Intro to General Psychology 3 hrs
   ix. PSYC 2103 Human Growth & Development 3 hrs
   x. SOCI 1101 Introduction to Sociology 3 hrs
   xi. SOCI 1160 Social Problems 3 hrs

Honor Sections Available:
AFRS 1501  2hrs
ENGL 1101, 1102  3hrs
FSCI 1101  3hrs
HIST 2112  3hrs
HUMN 1201  3hrs
MATH 1001, 1111, 1113  3hrs
PHIL 2030  3hrs
PLS 1101, 2401  3hrs