

NAME: \_\_\_\_\_

ID#: \_\_\_\_\_

DATE: \_\_\_\_\_

**THIS CURRICULUM GUIDE IS AN UNOFFICIAL TOOL FOR PLANNING.**  
Matriculated students and advisors should consult the Academic Requirements Report in GullNet before and after registering for classes each semester to track academic progress.

**UNIVERSITY POLICIES**

- Refer to the SU catalog for approved prerequisites and General Education courses.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- Ⓢ indicates the recommended minimum grade; although a C meets the requirement, SU history shows that students who graduate with this major earned this grade or higher for this course.
- **Bold courses are foundation courses and are required for courses later in the sequence.**

**First Year**

<input type="checkbox"/> <b>PHYS 221</b> Ⓢ	<b>Physics I</b> .....	4
<input type="checkbox"/> <b>MATH 201</b>	<b>Calculus I</b> .....	4
<input type="checkbox"/> HIST 10X	Gen Ed. IIA HIST 101, 102, or 103 .....	4
<input type="checkbox"/> FTWL 106	Lifelong Fitness and Wellness.....	3
		<b>15</b>
<input type="checkbox"/> <b>PHYS 223</b> Ⓢ	<b>Physics II</b> .....	4
<input type="checkbox"/> <b>MATH 202</b> Ⓢ	<b>Calculus II</b> .....	4
<input type="checkbox"/> ENGL 103	Composition and Research .....	4
<input type="checkbox"/> ENGR 100Ⓢ	Introduction to Engineering Design .....	3
		<b>15/30</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Second Year**

<input type="checkbox"/> <b>PHYS 225</b>	<b>Physics III</b> .....	3
<input type="checkbox"/> <b>CHEM 121</b>	<b>General Chemistry I</b> .....	4
<input type="checkbox"/> <b>MATH 310</b>	<b>Calculus III</b> .....	4
<input type="checkbox"/> <b>ENGR 110</b>	<b>Statics</b> .....	3
<input type="checkbox"/> HIST XXX	Gen. Ed. IIB History course .....	4
		<b>18/48</b>
<input type="checkbox"/> <b>PHYS 309</b>	<b>Mathematical Physics</b> .....	3
<input type="checkbox"/> CHEM 122	General Chemistry II .....	4
<input type="checkbox"/> <b>MATH 311</b>	<b>Differential Equations I</b> .....	4
<input type="checkbox"/> <b>ENGR 221</b>	<b>Dynamics</b> .....	3
		<b>14/62</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Third Year**

<input type="checkbox"/> <b>PHYS 311</b>	<b>Electrical Circuits and Electronics</b> .....	4
<input type="checkbox"/> <b>PHYS 313</b>	<b>Introduction to Modern Physics</b> .....	3
<input type="checkbox"/> ENGR 220	Mechanics of Materials .....	3
<input type="checkbox"/> <b>PHYS 322</b>	<b>Digital Electronics</b> .....	4
		<b>14/76</b>
<input type="checkbox"/> PHYS 314	Mechanics.....	3
<input type="checkbox"/> PHYS 315	Electricity and Magnetism.....	3
<input type="checkbox"/> IIIA	Gen. Ed. Humanities course .....	4
<input type="checkbox"/> ENGR 232	Thermodynamics.....	3
<input type="checkbox"/> PHYS 321	Analog Electronics .....	3
		<b>16/92</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Fourth Year**

<input type="checkbox"/> <b>PHYS 413</b>	<b>Computer Architecture and Interfacing</b> .....	3
<input type="checkbox"/> <b>PHYS 470</b>	<b>Senior Seminar</b> .....	1
<input type="checkbox"/> IIIB	Gen. Ed. Social Science course.....	3-4
<input type="checkbox"/> Electives	Needed for 120 Credits .....	4
<input type="checkbox"/> ENGL XXX	Gen. Ed. IB Literature course.....	4
		<b>15-16/107-108</b>
<input type="checkbox"/> <b>PHYS 490</b>	<b>Research</b> .....	2
<input type="checkbox"/> ENGR 331	Fluid Mechanics .....	3
<input type="checkbox"/> IIIC	Gen. Ed. Social Science/Humanities course.....	3-4
<input type="checkbox"/> Electives	Needed for 120 Credits .....	4
		<b>12-13/119-121</b>