

# PRE-ENGINEERING

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Students interested in pursuing a degree in engineering who have a minimum composite ACT score of 19 and Math ACT scores of 19-23 (SAT composite 900; Math 460-550), will be admitted into Pre-Engineering until all of the following minimum requirements are met:

- Overall college Grade Point Average of 2.0
- Completion of MTH 127 College Algebra-Expanded/MTH 130 College Algebra (or equivalent) with a grade of C
- MTH 132 Precalculus with Sci Applica (or equivalent) with a grade of C


In order to transfer into the engineering programs offered at Marshall, students must meet the Math ACT requirement or complete the requirements listed above for Pre-Engineering majors. This pertains to transfer students within Marshall or from another institution.

Once all of the preceding requirements have been met, students will be transferred to the desired engineering major.

Students who are admitted to the Pre-Engineering program generally will require an additional calendar year to complete the requirements for the B.S.E. degree or engineering transfer.

## Academic Plan

 - General Education Course





 - Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

Each student should meet with his/her faculty advisor early in the program to develop an individual plan of study since requirements will vary for different professional schools, desired major, and academic preparation. The following is a suggested schedule for Pre-Engineering majors.


In the tables that follow, the following notation is used:

- R = required
- A = see advisor

### Math ACT 19-22 (SAT 460-530)

Course	Title	Credit Hours
<b>First Semester</b>		
ENG 101 	Beginning Composition (R)	3
ENGR 103	Freshman Engineering Seminar (R)	1
MTH 127  or MTH 130 	College Algebra-Expanded (R) (Placement is based on ACT/SAT math scores.) or College Algebra	3-5
SFT 235 	Intro to Occup Safety (CT) (A)	3
FYS 100	First Yr Sem Critical Thinking (A)	3
UNI 102	Strat for Academic Success (R)	1
<b>Credit Hours</b>		<b>14-16</b>

### Second Semester

MTH 132 	Precalculus with Sci Applica (R)	5
CHM 111	Foundations of Chemistry (R)	3
Option: Core II Course (CT) (A)		3
Core II Fine Arts (A)		3
Core II Communications (A)		3
<b>Credit Hours</b>		<b>17</b>
<b>Total Credit Hours</b>		<b>31-33</b>