

General Studies - Pre-Engineering, A.S.

Students planning to pursue transfer to a four-year university should complete a STARS guide and AREA V program of study to an Alabama university (or contact the transfer institution if out of state for transferability guidance) to ensure transfer readiness and satisfaction of course and program requirements. Talk with your Calhoun adviser and complete an official STARS guide to guarantee your program of study for transfer is correct.

For more information, please contact Rodney Alford at rodney.alford@calhoun.edu or Ernest Williams at ernest.williams@calhoun.edu.

Program: [General Studies/Pre-Engineering](#)

Type: A.S.

GENERAL EDUCATION CORE REQUIREMENTS

| Item # | Title | Credits |
|---------|---|-----------|
| ORI 110 | Freshman Seminar | 1 |
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| | Literature Electives (3 credits) | 3 |
| | Fine Arts Elective | 3 |
| | Humanities Elective (3 credits) | 3 |
| PHY 213 | General Physics with Calculus I | 4 |
| PHY 214 | General Physics with Calculus II | 4 |
| MTH 125 | Calculus I | 4 |
| | History Elective (3 credits) | 3 |
| | History/Social/Behavioral Science Electives (6 credits) | 6 |
| | Sub-Total Credits | 37 |

CONCENTRATION REQUIREMENTS

| Item # | Title | Credits |
|---------|----------------------------------|-----------|
| MTH 126 | Calculus II | 4 |
| MTH 227 | Calculus III | 4 |
| CHM 111 | College Chemistry I | 4 |
| MTH 238 | Applied Differential Equations I | 3 |
| | General Electives (10 credits) | 10 |
| | Sub-Total Credits | 25 |
| | Total credits for degree: | 62 |