

Associate in Engineering Degree – A10500

To earn the **Associate in Engineering (AE)** degree, all students are required to complete the following:

- 6 credits of UGETC English Composition
 - ENG-111 and ENG-112
- 3 credits of Humanities from
 - ENG-231, ENG-232, PHI-215, or PHI-240
- 3 credits of Fine Arts/Communications from
 - COM-231
- 3 credits of Microeconomics
 - ECO-251
- 3 credits of Social/Behavioral Sciences from
 - HIS-111, HIS-112, HIS-131, HIS-132, POL-120, PSY-150, or SOC-210
- 12 credits of Mathematics
 - MAT-271, MAT-272, and MAT-273
- 12 credits of Natural Sciences
 - CHM-151, PHY-251, and PHY-252
- 3 credits of approved General Education from
 - BIO-111, CHM-152, ECO-252, GEL-111, HUM-110, and PHI-240
- 1 credit of ACA-122
- 2 credits of EGR-150
- 12 credits of approved *Engineering electives from
 - BIO-111, CHM-152, CHM-251, CHM-252, CSC-134, CSC-151, DFT-170, EGR-212, EGR-220, EGR-225, GEL-111, MAT-280, MAT-285



*Engineering Electives should be selected based on the Engineering discipline and University to which you plan to transfer. Please speak to your advisor prior to selecting any Engineering Electives

The course sequence outlined below is suggested for **full-time students** pursuing an **Associate of Engineering (AE)** degree, who have placed out of all developmental courses and have already earned credit for MAT-171 and MAT-172. Please note that MAT-171 and MAT-172 are required prerequisites for MAT-271.

First Semester	Credit Hours
MAT-271	4
CHM-151	4
ENG-111	3
ACA-122	1
EGR-150	2
Total Number of Credit Hours 1st Semester	14

Second Semester	Credit Hours
MAT-272	4
PHY-251	4
ENG-112	3
ECO-251	3
Total Number of Credit Hours 2nd Semester	14

Third Semester	Credit Hours
MAT-273	4
Humanities ENG-231, ENG-232, PHI-215, or PHI-240	3
Fine Arts/Communication COM-231	3
* Engineering Elective	3-4
* Engineering Elective	3-4
Total Number of Credit Hours 3rd Semester	16-18

Fourth Semester	Credit Hours
PHY-252	4
Social/Behavioral Science HIS-111, HIS-112, HIS-131, HIS-132, POL-120, PSY-150, or SOC-210	3
* General Education Elective	3-4
* Engineering Elective	3-4
* Engineering Elective	3-4
Total Number of Credit Hours 4th Semester	16-19

THIS SHEET IS FOR ADVISING PURPOSES ONLY. Students should work with their Advisor to determine course selections that will result in the greatest transferable credit for the intended program upon transfer to the four-year school.

Note Students taking 4 credit hour electives may exceed the required 60 credit hours.

Note Transfer students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution. Students who wish to take Foreign Language should begin the sequence in the first or second semester.

Foreign Language courses will count toward additional General Education or pre-major courses for degree completion. For students who select Foreign Language courses, the required UGETC courses in Humanities/Fine Arts and/or in Behavioral/Social Sciences can be delayed until the third semester.

Associate in Engineering Degree – A10500

The course sequence outlined below is suggested for **part-time students** pursuing an **Associate of Engineering (AE)** degree, who have placed out of all developmental courses and have already earned credit for MAT-171 and MAT-172. Please note that MAT-171 and MAT-172 are required prerequisites for MAT-271.

First Semester	Credit Hours
MAT-271	4
EGR-150	2
ACA-122	1
Total Number of Credit Hours 1st Semester	7

Second Semester	Credit Hours
MAT-272	4
ENG-111	3
Total Number of Credit Hours 2nd Semester	7

Third Semester	Credit Hours
PHY-251	4
MAT-273	4
Total Number of Credit Hours 3rd Semester	8

Fourth Semester	Credit Hours
PHY-252	4
ENG-112	3
Total Number of Credit Hours 4th Semester	7

Fifth Semester	Credit Hours
CHM-151	4
Fine Arts/Communication COM-231	3
Total Number of Credit Hours 5th Semester	7

Sixth Semester	Credit Hours
ECO-251	3
Humanities ENG-231, ENG-232, PHI-215, or PHI-240	3
Total Number of Credit Hours 6th Semester	6

Seventh Semester	Credit Hours
*Engineering Elective	3-4
Social/Behavioral Science HIS-111, HIS-112, HIS-131, HIS-132, POL-120, PSY-150, or SOC-210	3
Total Number of Credit Hours 7th Semester	6-7

Eighth Semester	Credit Hours
*Engineering Elective	3-4
*Engineering Elective	3-4
Total Number of Credit Hours 8th Semester	6-8

Ninth Semester	Credit Hours
*Engineering Elective	3-4
*General Education Elective	3-4
Total Number of Credit Hours 9th Semester	6-8

THIS SHEET IS FOR ADVISING PURPOSES ONLY. Students should work with their Advisor to determine course selections that will result in the greatest transferable credit for the intended program upon transfer to the four-year school.

Note Students taking 4 credit hour electives may exceed the required 60 credit hours.

Note Transfer students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution. Students who wish to take Foreign Language should begin the sequence in the first or second semester. Foreign Language courses will count toward additional General Education or pre-major courses for degree completion. For students who select Foreign Language courses, the required UGETC courses in Humanities/Fine Arts and/or in Behavioral/Social Sciences can be delayed until the third semester.