

AA • Engineering

AA.ENG (60 credit hours)

This pre-major is for students who want to pursue a four-year degree in electrical, mechanical, civil, computer science, aerospace, nuclear, agricultural, industrial and environmental engineering. Options in surveying and mapping and materials design and testing are also available.

Careers include positions in the areas of design, testing, research, architecture, electronics, robotics, manufacturing, sales, construction management and technical writing.

General Education Requirements..... 36 cr.

Recommended Courses/Electives..... 24 cr.

NOTE 1: The list is a guideline. Consult an advisor or counselor for general education and recommended courses/electives for this pre-major, or consult the appropriate advising guide on the HCC website (www.hccfl.edu).

NOTE 2: IDS 2110, Connections is required for graduation.

Recommended Courses

MAC	2311	Calculus and Analytic Geometry I.....	5 cr.
MAC	2312	Calculus and Analytic Geometry II.....	5 cr.
MAC	2313	Calculus and Analytic Geometry III	5 cr.
MAP	2302	Differential Equations.....	3 cr.
PHY	2048	General Physics with Calculus I.....	4 cr.
PHY	2048L	General Physics with Calculus I Laboratory	1 cr.
PHY	2049	General Physics with Calculus II.....	4 cr.
PHY	2049L	General Physics with Calculus II Laboratory	1 cr.
CHM	1045	College Chemistry I	3 cr.
CHM	1045L	College Chemistry I Laboratory	1 cr.

NOTE 3: The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the above planned program in order to transfer into a similar program at senior institutions.