AA • Engineering Transfer Track
AA.ENG (60 credit hours)

This transfer track 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.

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

NOTE 2: IDS 2891, Connections is required for graduation.

NOTE 3: Common Course Prerequisites recommended by the State for successful transfer to the university are marked with an asterisk (*).

NOTE 4: The associate in arts degree may be awarded upon satisfactory completion of 60 credit hours. Students are advised to complete the below planned program in order to transfer into a similar program at senior institutions.

YEAR I – First Semester
ANT 2000 Introduction to Anthropology or PSY 2012, General Psychology or SYG 2000, Introduction to Sociology ..................................................................................................................... 3 cr.
ENC 1101 English Composition I .................................................................................................................. 3 cr.
*MAC 2311 Calculus and Analytic Geometry I ............................................................................................... 5 cr.
Biological Science CORE General Education .................................................................................................. 3-4 cr.

YEAR I – Second Semester
CHM 2045 General Chemistry I ..................................................................................................................... 3 cr.
CHM 2045L General Chemistry I Laboratory .................................................................................................. 1 cr.
ENC 1102 English Composition II .................................................................................................................. 3 cr.
MAC 2312 Calculus and Analytic Geometry II .................................................................................................. 5 cr.

YEAR I – Third Semester
ARH 1000 Understanding Visual Art or HUM 1020, Introduction to Humanities or LIT 2000, Introduction to Literature or MUL 1010, Introduction to Music or PHI 1010, Introduction to Philosophy or THE 1000, Introduction to Theatre Arts ..................................................................................... 3 cr.
Behavioral Science/History/Economics General Education .................................................................................. 3 cr.
History General Education .......................................................................................................................... 3 cr.

YEAR II – First Semester
MAC 2313 Calculus and Analytic Geometry III ............................................................................................... 5 cr.
*PHY 2048 General Physics with Calculus I and PHY 2048L, General Physics with Calculus I Laboratory or PHY 2053, General Physics I and PHY 2053L, General Physics I Laboratory .......................................................................................................................... 4 cr.
SPC 1068 Public Speaking ............................................................................................................................. 3 cr.

YEAR II – Second Semester
MAP 2302 Differential Equations .................................................................................................................. 3 cr.
*PHY 2049 General Physics with Calculus II and PHY 2049L, General Physics with Calculus II Laboratory or PHY 2054, General Physics II and PHY 2054, General Physics II Laboratory .......................................................................................................................... 4 cr.
Humanities General Education .......................................................................................................................... 3 cr.