AA • Computer Science (Engineering)

AA.COMP (65 credit hours)

This pre-major is for students who want to pursue a four-year degree in computer and information engineering sciences. Careers are of a technical nature, including planning and developing new computer systems, computer programming, software development, systems analyst 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 Analytical Geometry .............................................................................................................................. 5 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.

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 track in order to transfer into a similar program at senior institutions.