

ENGINEERING - COMPUTER SCIENCE

Program Code - AS_T073

Associate in Science

Areas I-IV core courses are to be chosen from the Jefferson State Approved AGSC General Course Listing.

Note: Students must demonstrate competency in the basic use of the computer as a requirement for graduation. Courses with the computer designation will satisfy this requirement.

General Courses(60-64 semester hours)

Area I: Written Communication..... 6

Area II: Humanities and Fine Arts 9

*Literature 3

Arts (A) 3

Complete one course from the following: 3

SPH 106 Fundamentals of Oral Communications

SPH 107 Fundamentals of Public Speaking

Area III: Natural Sciences and Mathematics..... 12

MTH 125S Calculus I 4

PHY 213S General Physics with Calculus I 4

PHY 214S General Physics with Calculus II 4

Area IV: History, Social, and Behavioral

Sciences 9

*History 3

Additional History, Social, and Behavioral Sciences 6
(6 hours maximum of history)

*As a part of the General Studies Curriculum, students must complete a six semester hour sequence either in literature or in history.

Area V: Pre-Professional, Major and Elective

Courses..... 24

MTH 126S Calculus II 4

MTH 227 Calculus III 4

MTH 237 Linear Algebra 3

CIS 251 C++ Programming 3

MTH 250 Discrete Math 3

MTH 270 Probability and Statistics 3

Additional laboratory science from Area III 4

Students must print and retain the articulation guide for Computer Science Engineering. Failure to do so may result in the program not being transferable.