

Computer Science (A.A.S.)

Computer Science Associate of Applied Science Program

The Associate of Applied Sciences Degree in Computer Sciences offers an applied theoretical and practical preparation to develop in students basic and current concepts in the field of computation and information.

The Program promotes the development of skills such as logical reasoning, concepts and basic principles of assembly, microcomputer repair and configuration, mastery of at least one programming language, database management, and the basic knowledge of technical writing.

The Program also aims to develop professionals capable of continuing their learning, programming and installing software, and making publications by electronic means, in addition to having the capability of working in teams and possessing knowledge on professional ethics.

This program is authorized to be offered online.

TOTAL COST OF PROGRAM (Price per credit hour \$187.00 as of June 2018)

Tuition	\$11,594
Fees	\$1,600
Books	\$1,736
Supplies	<u>\$1,152</u>
Total	\$16,082

REQUIREMENTS FOR THE ASSOCIATE OF APPLIED SCIENCE DEGREE IN COMPUTER SCIENCE

General Education Requirements	24 credits
Major Requirements	35 credits
Elective Credits	<u>3 credits</u>
Total	62

General Education Requirements - 24 credits

GESP	Spanish	6
GEEN	English	6
GEMA1200	Fundamentals of Algebra	3
GEHS 2010F	Historical Process of Florida	3
GECF 1010	Introduction to the Christian Faith	3
GEIC 1010	Information and Computer Literacy	3

Major Requirements - 35 credits

COMP 2025	Development of Webpages	3
COMP 2120	Programming Logic	3
COMP 2315	Structured Programming	3
COMP 2400	Object Oriented Programming	3
COMP 2501	Discrete Computational Structures I	3
COMP 2800	Databases	3
COMP 2850	Mobile Computing	3
COMP 2900	Data Structures	3
COMP 3015	Web Programming with Databases	3
COMP 2970	Seminar and Practice	3
MATH 1500	Precalculus	5

Elective Credits – 3 credits

An elective course is (i) any course a student takes in any General Education, Major or Prescribed Distributive Course within the student's degree program, in addition to the courses that the student has taken to satisfy the minimum degree program requirements in each category and/or (ii) any course in another degree program. Provided that the student must meet course prerequisites and cannot count the same course twice.