Salaries!
The Bureau of Labor Statistics lists jobs that are computer occupational with the following national average salaries:

- Computer Programmers at $46K (Associate Degree)
- Computer programmers at $76K (Bachelor’s Degree)
- Software developers/applications at $92K (Master’s Degree)
- Computer and information research scientists at $103K (Doctorate Degree)
Begin a career for the future now!

The field of Computer Science is predicated around the design of computer programs (software) and computer hardware. We now live in an era where computers are used in virtually every area of business, entertainment, consumer products, and academia. The Computer Science Program at St. Philip’s College is centered on understanding a problem, designing a solution, and then applying that solution within a high-level programming language.

The Computer Science field is in demand for future computer scientists. Listed are some of the careers:

- Software Engineer
- Senior Programmer
- System Analyst
- or even a Consultant

Computer Science Associate of Science Degree Plan (65 hours)

**Semester 1**
- COSC 1336 Programming Fundamentals I
- ENGL 1301 Composition I
- Select one course from Additional Communication core
- Select one course from History Core

**Semester 2**
- COSC 1337 Programming Fundamentals II
- ENGL 1302 Composition II
- Select one course from History Core
- MATH 2412 Pre-calculus

**Semester 3**
- COSC 2325 Computer Organization & Machine Language
- MATH 2413 Calculus I

**Semester 4**
- COSC 2336 Programming Fundamentals III
- MATH 2414 Calculus II
- PHYS 2425 University Physics I
- Select one course from Humanities Core

**Semester 5**
- Select one course from Government Core
- PHYS 2426 University Physics II
- Select one course from Additional Humanities Core
- Select one course from Visual & Performing Arts Core

**Semester 6**
- Select one course from Government Core
- Select one course from Social & Behavioral Sciences Core

**Note1:** COSC 1336 will be taught in Java; COSC 1337 and COSC 2336 will be taught in Java and C.

**Note2:** Please see current class schedule for availability for all of these courses.

**Note3:** This program follows the Field of Study for Computer Science majors as outlined in ACGM (Academic Course Guide Manual)

Hours in Computer Science courses: 12
Hours in Math courses: 12
Hours in Physics courses: 8
Hours in other general courses: 33
Total hours: 65

MISSION STATEMENT

The mission of the Computer Science program here at St. Philip’s College is to prepare our students to continue with their future endeavor of pursuing a Bachelor’s degree at a four-year institution. With the latest up-to-date computer equipment and software, a student will reach their potential and will have the ability to problem solve and apply their solutions to high-level computer language.