

## Omission from Course Catalog 2018-19

### **COMPUTER SCIENCE 1**

**Year Course**

**Credit Value: 5.0**

**Level of Instruction: Acc/CPA**

**Prerequisite: None**

**Open to students in grades 9 – 12**

Computer Science 1 is open to all students. The course introduces the student to computer programming using the Visual Basic language in a Windows environment. Applications are taken from among the topics of mathematics (geometry, algebra, probability, and statistics), business (payroll, inventory, personnel records, and financial analysis), education (grading programs), and graphics and games. The course focuses on the computer as an important tool in problem solving, while developing critical thinking skills.

### **COMPUTER SCIENCE 2**

**Year Course**

**Credit Value: 5.0**

**Level of Instruction: Acc**

**Prerequisite: Computer Science 1 and  
Departmental Recommendation**

Computer Science 2 is a full year course covering computer programming using the Java programming language. This course utilizes object-oriented principles. Emphasis is placed on the problem-solving approach featuring algorithm development and top-down design. This is a "hands-on" course with the student writing programs to solve mathematical and practical problems.