



Course Title: Computer Science

Description:

This course is an update to our previous Computer Applications course offered as an elective at Bellevue Tutorial through Fall 2024. Students that have completed our Computer Applications course should not consider this course as the first part of the class will be a repeat of the Computer Applications.

Students will start by learning computer uses and applications with an emphasis on learning, examining, and utilizing Microsoft Office applications and skills in the operation of a computer for business, schooling, or personal uses. Using a computer laboratory classroom, students will gain experience exploring software applications for word processing, spreadsheets, database management, and multimedia presentation. Participants will learn business-critical, foundational computing skills for college and career. The first part of this course focuses on learning business productivity software applications while producing intermediate business and personal documents. Typing skills will also be developed through various online lessons.

Additionally, the class will explore beginner programming approaches with practical exercises using coding skills. Through our hands-on exercises, lectures, and vocabulary practice students will gain a familiarity with designing, writing, and testing, and programs to solve problems. We will explore the need to debug programs, use arithmetic operators, parameters, conditionals, repetition in programs, and engage in best practices in program design.

Access to a computer with MS office applications is required for outside-class work.

Recommended Grades: 10+

Prerequisites: None

Tuesdays 12:20 – 1:50 PM or Thursdays 12:20 – 1:50 PM; 32 weeks

Minimum 6 students required to start

Location: Bellevue Tutorial Computer Lab

Textbook: Tutor will provide materials

Teacher:

Charlie Moore; Contact Bellevue Tutorial, 901-347-5518, [tutorial@bellevue.org](mailto:tutorial@bellevue.org)

Cost: \$465