

Learning Activities: CPS 120: Introduction to Computer Science

This course is an introduction to computer science for those planning to take advanced courses in the computer field. It is highly recommended for those planning to take programming courses. Students will write, enter, compile, and execute simple computer programs. The course is intended to bridge the gap between a basic computer literacy course and advanced courses.

These learning activities were created using Articulate Storyline software. To preview or edit these files, download the zip package at the link listed below, open the folder and extract the files.

Unit 1: Introduction

Module 1: Introduction

HistoryOfProgrammingLanguagesActivity

<https://www.skillscommons.org/handle/taaccct/6734>

Unit 3: Python - Introduction

Module 2: Introduction to the Python Language

IntroToPythonLanguageActivity

<https://www.skillscommons.org/handle/taaccct/6733>

Unit 3: Python - Introduction

Module 4: Software Error Types

Debugging Activity

<https://www.skillscommons.org/handle/taaccct/6735>

Unit 7: Databases

Module 1: Databases

DatabaseHierarchyActivity

<https://www.skillscommons.org/handle/taaccct/6736>

SQL Practice Activity

<https://www.skillscommons.org/handle/taaccct/6752>

SQL Knowledge Check

<https://www.skillscommons.org/handle/taaccct/6754>

Unit 10: Visual C++ - Sequential Statements (cout, assignment, cin)

Module 1: Sequential

ArithmeticOperatorsActivity

<https://www.skillscommons.org/handle/taaccct/6737>

CPlusVariablesAndDataTypesActivity

<https://www.skillscommons.org/handle/taaccct/6738>