Computer Science AS

PROGRAM LEARNING OUTCOMES
1. Create computer programming solutions using either the C++ or Java programming language.
2. Read and write programs written in x86 assembly language, and interface them with C++ programs.
3. Effectively use either the C++ Standard Template Library or the Java util package to manage data structures in programs.
4. Make the right choices of language, platform, data structures, and database course for a computer programming solution based on their knowledge of the elements of program design.

REQUIRED
- COMSC 110 Introduction to Programming
- COMSC 165 Advanced Programming with C and C++
- COMSC 210 Program Design and Data Structures
- COMSC 260 Assembly Language Programming/ Comp Org

TAKE either
- COMSC 200 Object-oriented Programming - C++
- COMSC 256 Advanced Java Programming

Careers in
- Programming
- Software development
- Robotics
- Computer operations

Complete 60 degree applicable units along with completion of all required general education requirements. It is highly recommended that you see a counselor for specific courses that will best meet your educational plan/goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information about transferring, see: https://www.dvc.edu/enrollment/transfer/index.html
For information on careers in this field see: https://www.dvc.edu/enrollment/career-employment/index.html
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