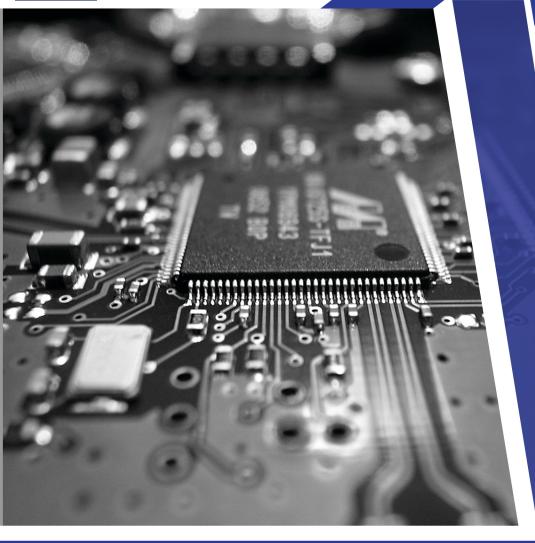# DAVIS SCHOOL DISTRICT

www.davis.k12.ut.us

CAREER AND TECHNICAL EDUCATION

STRANDS

Programming Methodology

Syntactical Components of Programming Language

Program Modularity

Social & Ethical Issues

Fundamental Commands

Control Structures

Static & Dynamic Arrays

Programming Techniques

Sequential Files

CTE
Learning that works for Utah

COMPUTER PROGRAMMING

ABOUT

A series of courses which aims to introduce students in computer programming, software engineering and applications. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce coding concepts and problem-solving skills to beginning students through various programming language. The second course introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs. **Concurrent Enrollment available.**

CAREER PATHWAYS

Web Developer
Computer Programmer
Computer Systems Analyst

REQUIREMENTS

Semester courses for Sophomores, Juniors and Seniors

LOCATIONS

All high schools have access to take Computer Programming

Talk to your high school CTE Coordinator

CTE Information Technology Specialist
Lindsay Porter - ldporter@dsdmail.net