



DAVIS SCHOOL DISTRICT

[www.davis.k12.ut.us](http://www.davis.k12.ut.us)

CAREER AND TECHNICAL EDUCATION

# STRANDS

Creativity and Computing

Abstraction

Computation

Algorithm Sequence

Modern Computing

Computational Artifacts

Collaboration

Internet Characteristics

Computer Programming

Data Set Knowledge



Learning that works  
for Utah

# COMPUTER SCIENCE PRINCIPLES

## ABOUT

Students in this course will seek to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include: computing is creative, algorithms are used to develop and express solutions to computational problems, and computing has global impacts. **Concurrent Enrollment and AP Credit available for this course.**



### CAREER PATHWAYS

Web Developer  
Computer Programmer  
Computer Systems Analyst



### REQUIREMENTS

Year-long course for  
Sophomores, Juniors  
and Seniors



### LOCATIONS

All high schools have  
access to take Computer  
Science Principles



Talk to your high school  
CTE Coordinator



CTE Information Technology Specialist  
Lindsay Porter - [ldporter@dsdmail.net](mailto:ldporter@dsdmail.net)