



DAVIS SCHOOL DISTRICT

www.davis.k12.ut.us

CAREER AND TECHNICAL EDUCATION

STRANDS

Quantum Energy

Direct / Alternating Currents

Circuit Design

Digital Waveforms

Boolean Algebra

Sum-of-Products

Circuit Design

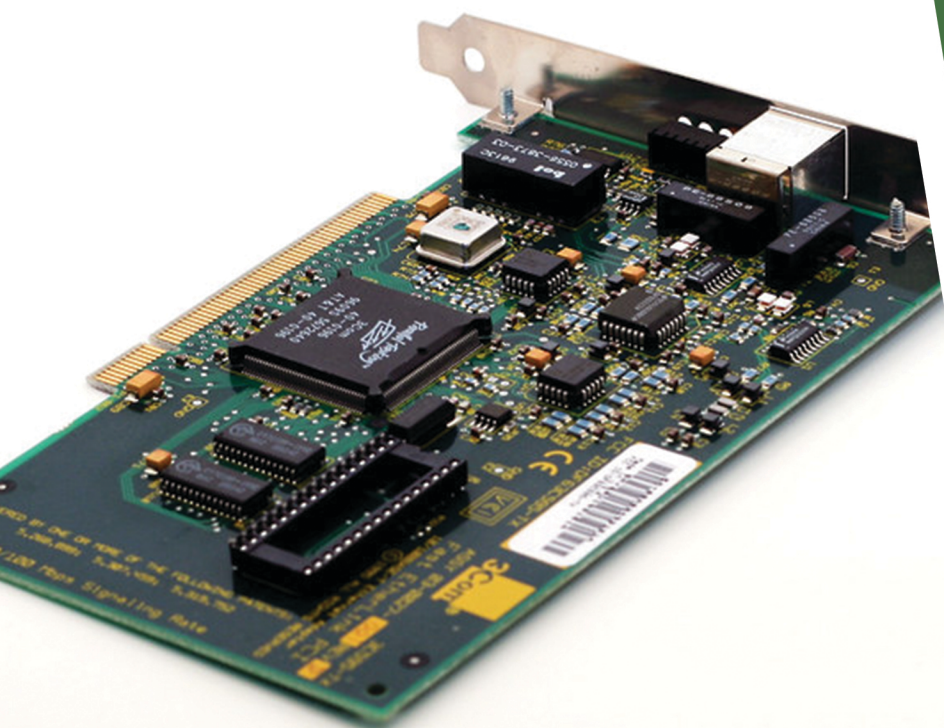
Binary Math

Waveform Diagrams

Microprocessing



Learning that works
for Utah



DIGITAL ELECTRONICS

ABOUT

Digital Electronics is an introduction to applied digital logic, a key element of careers in engineering and engineering technology. This course explores the smart circuits found in watches, calculators, video games, and computers. Students use industry-standards computer software in testing and analyzing digital circuitry. They design circuits to solve problems, export their designs to a printed circuit auto-routing program that generates printed circuit boards, and use appropriate components to build their designs.



CAREER PATHWAYS

Landscape Architect
Urban Planner
Industrial Designer



REQUIREMENTS

Year-long course for
Sophomores, Juniors and
Seniors



LOCATIONS

All high school students
have access to take
Digital Electronics



Talk to your high school
CTE Coordinator



CTE Tech & Engineering Specialist
Brett Matsumura - brmatsumura@dsdmail.net