Are you interested in...
Do you want to develop skills in...
Have you considered a career in...

DIGITAL DESIGN

Digital Media

Digital Design

Web Design and Programming

VIDEO PRODUCTION

Digital Media

Video Production

Web Design and Programming

WEB DESIGN

Digital Media

Web Design and Programming

Digital Design

BUSINESS TECHNOLOGY

Information Technology 1 & 2

Web Design and Programming

Digital Design

DATA SCIENCE

Information Technology 2

Digital Design

Web Design and Programming

INFORMATION TECHNOLOGY

Information Technology 1

Information Technology 2

Digital Media

CTE
Learning that works for Nebraska

Earn CTE and/or Technology Credits!
Take one or more technology courses
Talk to a business teacher for more information

INFORMATION TECHNOLOGY 1 is foundational for subsequent technology courses. Students have the opportunity to obtain Microsoft certification.   Students will explore emerging technologies as it applies to their success for high school, college, and career. Using Microsoft Office software, students will create, access, manipulate, and analyze information using advanced document processing, professional presentations, and intermediate spreadsheet and database applications. Efficient keyboarding skills are highly recommended. This course is a required entry course for The Career Academy Technology or Business Pathway. Meets CTE or Technology graduation requirements.

INFORMATION TECHNOLOGY 2 allows students to obtain a level of advanced skills beyond those developed in Information Technology 1 using Microsoft Office software. This course will focus on skill development in data science using spreadsheet, database, and integration of applications utilizing advanced features. Students have the opportunity to obtain additional Microsoft certifications. Skills learned in this advanced class are necessary requirements for many college programs. Students need to have successfully completed Information Technology 1 before enrolling in this course. Meets CTE or Technology graduation requirements.

DIGITAL MEDIA provides a creative and innovative environment for students to create, design and produce digital media including videos, animations, graphics, and web pages. Students use software from the Adobe Creative Cloud Suite (Photoshop, Premiere Pro, Audition, Dreamweaver, Animate). Digital Media provides opportunities for students to combine their creative talents and technology skills. Meets CTE or Technology graduation requirements.

VIDEO PRODUCTION provides a creative and innovative environment for students to plan, create, edit, produce and evaluate advanced video productions. Students will use Adobe Premiere Pro to develop video projects while integrating other software from the Adobe Creative Cloud Suite including AfterEffects, Photoshop, Audition and Animate. Projects are centered around student interests or current events in the school and community. Meets CTE or Technology graduation requirements.

DIGITAL DESIGN will introduce students to the technical tools and processes used in digital design. Students will focus on developing advanced skills to plan, design, and create interactive projects using elements of texts, graphics, and digital imaging. The design process model is introduced including typography, color, and imagery. Design software (Adobe Illustrator, Photoshop and InDesign) is utilized to create print and web publications. Meets CTE or Technology graduation requirements.

WEB DESIGN AND PROGRAMMING - Students will demonstrate knowledge of web design and programming using Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management. This is a required course for The Career Academy Technology Programming pathway. Meets CTE or Technology graduation requirements.