



STEAM

# CENTER YOUR PASSION



CENTER PROFESSIONAL STUDIES



**CONTACT** Center School District  
Director of College and Career Readiness  
816.349.3300 / [www.center.k12.mo.us](http://www.center.k12.mo.us)



GRADE

9

**INDUSTRIAL TECHNOLOGY & ENGINEERING**    **DESIGN**    **LIFE SCIENCES**    **COMPUTER SCIENCE**

College & Career Exploration/Introduction Course (MOS-Microsoft Office Professional Certification)

GRADE

11

**INDUSTRIAL TECHNOLOGY & ENGINEERING**

Principles of Engineering

**DESIGN**

Computer Art and Photo

**LIFE SCIENCES**

PLTW  
Human Body Systems

**COMPUTER SCIENCE**

Computer Servicing Tech or CHAOS I

**INDUSTRIAL TECHNOLOGY & ENGINEERING**

Intro to Engineering Design  
PLTW

**DESIGN**

Drawing & Painting

**LIFE SCIENCES**

PLTW, Bioscience

**COMPUTER SCIENCE**

Computer Programming

GRADE

10

**INDUSTRIAL TECHNOLOGY & ENGINEERING**

Computer Integrated Manufacturing/Aerospace Engineering or Industrial Engineering

**DESIGN**

Digital Media Technology or Advertising/Graphic Design

**LIFE SCIENCES**

Foundations of Nursing or Pre-Prof Nursing or Pharm Tech Program

**COMPUTER SCIENCE**

Computer Networking I & II or Network Engineering I & II or CHAOS 2

GRADE

12

**INDUSTRIAL TECH. & ENGINEERING**    MT-1    HVAC

**DESIGN**

ADOBE-CAC, Apple  
Final Cut Pro, Dual Credit

**LIFE SCIENCES**

Certified Nursing Asst  
Certified Pharmacy Tech  
Certified Med Tech

**COMPUTER SCIENCE**

Dual Credit, CISCO  
Certified Networking Assoc.

## ADVANCED MANUFACTURING

**Types of Firms**—Precision Technologies, CNC Machining, Millwork, Robotics, 3D Printing

**Local Examples**—Ford, GM, Holland America, Garmin, Bayer, Harley Davidson

## ENGINEERING & DESIGN

**Types of Opportunities**—Engineering and Architectural, Specialized Design Services

**Local Examples**—HOK, HNTB, BNIM, Black & Veatch, Burns & McDonnell

## LIFE SCIENCES

**Types of Opportunities**—Nursing, Medical Field, Pharmacy

**Local Examples**—Children's Mercy, Hospitals, Clinics, Pharmacies

## INDUSTRY PARTNERS WITHIN STEAM

Honeywell

Project Lead the Way (PLTW)

Herndan Career Center

Summit Technology Academy

93  
PERCENT

of students who take a concentration of Career & Technical courses graduate from high school, about 10 percent higher than the national average for all students

