



CENTER PROFESSIONAL STUDIES

**FIND YOUR
CENTER**



Welcome to Center Professional Studies, Center School District's pathway programs that provide students future-ready experiences. Center Professional Studies provides experiential learning in which students and instructors work on real-world, project-based content. Collaborating with industry, colleges and technical programs, students' course work will progress through academic pathways that lead to post-secondary educational opportunities and professional careers.

CENTER PROFESSIONAL STUDIES PROVIDES UNIQUE OPPORTUNITIES FOR OUR STUDENTS TO GAIN REAL EXPERIENCES INSIDE AND OUTSIDE THE CLASSROOM.

We believe that the future depends on students exploring and pursuing their passions through profession-based experiences while in our Center schools. This allows our students to learn about business practices, engineering, health and science, entrepreneurship, creativity, professionalism and much more through hands-on projects and collaborating with industry experts. Innovation and creativity will spark the future careers of our students and we are giving those experiences through Center Professional Studies.



CENTER YOUR CAREER

INTENTIONAL & PLANNED

We want to focus on preparation from all angles. Center Professional Studies intently aligns coursework to prepare our graduates for careers and college experiences that are designed for the future. Future-ready experiences - what we have to provide for our students.

ACADEMIC & TECHNICAL

Center Professional Studies fosters an environment of academic success and opportunities. Professional studies paths provide specific knowledge and skill obtainment related to the workforce and industry.

INDUSTRY BASED

Professional studies offer opportunities for students to learn through industry related opportunities.

Center Professional Studies

Certified Nurse Assistant



CENTER

YOU CAN

Professional Mentoring



INTENTION

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ACADEMIC

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INDUSTRY

Professio related op

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.

50 PERCENT

of Career & Technical learners are enrolled in programs in the leading fields like Health Care, Information & Technology and STEAM.

75 PERCENT

of students in Career & Technical courses go on to enroll in postsecondary education after graduation.

45 PERCENT

of students say Career & Technical courses provide real world examples that help them better understand academic classes.

*Source: www.careertech.org

MARKET

01 ENTREPRENEURIAL EXPERIENCES

with real-world projects tied
to job opportunities

VALUE

03 INDUSTRY-RECOGNIZED CREDENTIALS (IRCS)

ASSETS

04 COLLEGE CREDIT

earned while in high school,
Advanced Placement & Dual Credit

02 CAREER EXPERIENCES

such as job shadowing
& internships

DESIGN FOCUSED OPPORTUNITIES

Professional studies represent an area of academic focus based on high demand degrees and occupations or student interest. The pathways establish specific

Biomedical



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career

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to career
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MARKET

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Robotics



DESIGN FOCUSED OPPORTUNITIES

Professional studies represent an area of academic focus based on high demand degrees and occupations or student interest. The pathways establish specific student outcomes that guide course instruction and pathway completion.

Students start exploring lessons and activities as early as elementary school in the Center School District. Throughout middle school, students begin a more focused approach in course work through a career development class and career experiences.

For example, our Project Lead the Way (PLTW) initiative at the elementary, middle and high school levels focuses on design, implementation and projects in the Science, Technology, Engineering and Math (STEM) arena. We are providing opportunities for our students to experiment and flex their knowledge with project approaches.

We encourage students to explore their passion and begin to focus on an awareness of what certain pathways offer. Our professional studies are available to all students and we want students to make informed decisions based on aspirations and skills.

It is important to use student professional studies experiences that are aligned to career and job opportunities in their future. We will prepare students for careers that are high demand/high need and for careers that provide financial goal attainment.

COMMON SECTOR COMPETENCIES MODEL

FUNDAMENTAL

- DEMONSTRATE BUSINESS INSIGHT
- CULTIVATE INNOVATION
- BUILD EFFECTIVE TEAMS
- INTERPRET & APPLY DATA

PRICE OF ADMISSION

- DISPLAY COURAGE
- MANAGE AMBIGUITY
- SOLVE COMPLEX PROBLEMS
- SPEAK INFLUENTIALLY
- SELF-DEVELOP
- MANAGE PROJECTS
- ATTRACT & DEVELOP TALENT

ADVANCED

- MANAGE COMPLEXITY
- VALUE DIFFERENCES
- THINK CRITICALLY
- LISTEN ACTIVELY
- WRITE EFFECTIVELY
- BE FLEXIBLE & ADAPTABLE

COMPETITIVE EDGE

- FOCUS ON THE CUSTOMER
- DRIVE RESULTS
- COLLABORATE
- INSTILL TRUST
- PLAN & ALIGN
- READ FOR INFORMATION
- USE BASIC APPLIED MATH

*Source: Mid America Regional Council



Industrial Technology

COMMON SECTOR COM MOI

FUNDAMENTAL

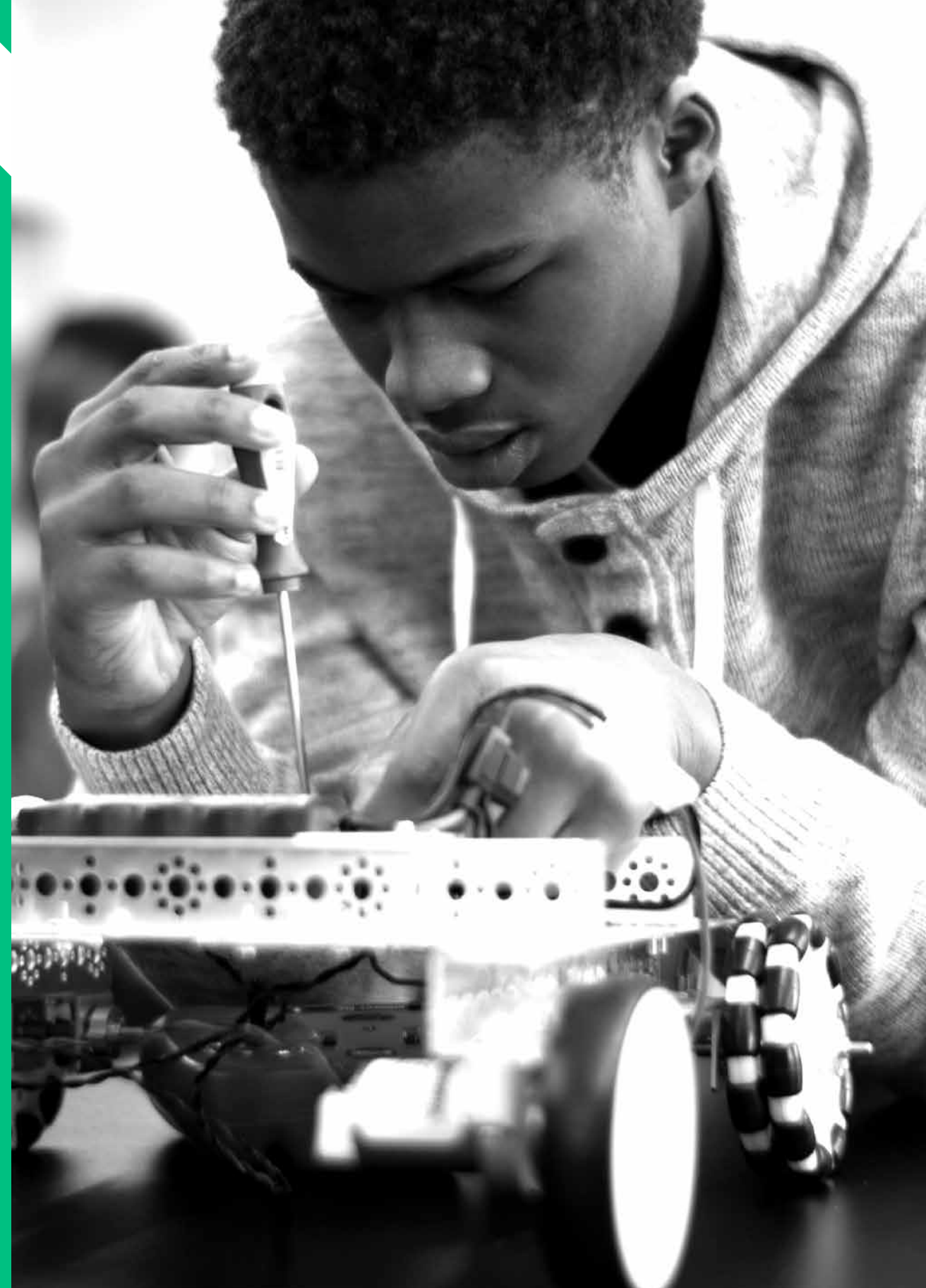
Center Professional Studies

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ENGAGED LEARNING

Our professional studies programs provide robust curriculum aligned to state standards and industry-related assessments. A three-to-four year plan of specific industry-related and project based coursework allows students to gain relevant skills and approaches. This is personalized student learning that actively engages our students with internships, projects and experiences that lead to college readiness and workforce preparedness.





BUSINESS & TECHNOLOGY

BUSINESS & FINANCE

HOSPITALITY

CULINARY

CENTER YOUR FUTURE



BUSINESS & TECHNOLOGY

BUSINESS & FINANCE

Types of Firms—Banks, Securities and Brokerage Firms, Insurance Carriers and Agencies

Local Examples—UMB, Commerce Bank, BATS, Kansas City Life, Bank of America Corporation, Lockton, American Century Mutual Funds

HOSPITALITY

Types of Opportunities—Hotel Management, Service Industry Management

Local Examples—Bed & Breakfast, Starwood and Marriott Hotels

CULINARY

Types of Opportunities—Restaurant Management

Local Examples—KC Restaurant Management

INDUSTRY PARTNERS WITHIN BUSINESS & TECHNOLOGY

Prostart

Business Finance Institute

UMKC Bloch School of Business

Herndan Career Center

Summit Technology Academy

BUSINESS & FINANCE

HOSPITALITY

CULINARY

GRADE

9

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

GRADE

10

Intro to Business

Intro to Business

Nutrition and Wellness

GRADE

11

Accounting I
Marketing

Hospitality and
Tourism I

Prostart I

GRADE

12

Accounting II
Advanced Marketing
Executive Finance

Hospitality and
Tourism Management
Program I & II

Prostart II

DUAL CREDIT,
INTERNSHIP, IRC

+

ASK –
Fundamental Business
Dual Credit

CGSP, CHTMP
Dual Credit

AAFCS-CA,
AAFCS-N
PROSTART, or ACF

STEAM



INDUSTRIAL
TECHNOLOGY &

DESIGN

LIFE
SCIENCES

COMPUTER
SCIENCE

CENTER YOUR PASSION



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ricing
OS 1

Networking
Network
ing I & II or
OS 2

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Networking
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STEAM

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

INDUSTRIAL TECHNOLOGY & ENGINEERING

DESIGN

LIFE SCIENCES

COMPUTER SCIENCE

GRADE

9

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

GRADE

10

Intro to Engineering Design

Drawing and Painting

PLTW Bioscience

Computer Programming

GRADE

11

Principles of Engineering PLTW

Computer Art and Photo

PLTW Human Body Systems

Computer Servicing CHAOS I

GRADE

12

Computer Integrated Manufacturing/ Aerospace Engineering or Industrial Engineering

Digital Media Technology or Advertising/ Graphic Design

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

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

DUAL CREDIT, INTERNSHIP, IRC

+

MT-1 HVAC

ADOBE-CAC, Apple Final Cut Pro, Dual Credit

Certified Nursing Asst, Certified Pharmacy Tech, Certified Med Tech

Dual Credit, CISCO Certified Networking Associate

HUMAN SERVICES



TEACHING & TRAINING

CENTER YOUR GOALS



HUMAN SERVICES

TEACHING AND LEARNING

Types of Opportunities—Educational Institutions, K-12, College and Universities

Local Examples—UMKC School of Education, K-12 School Districts, Colleges and Universities

INDUSTRY PARTNERS WITHIN HUMAN SERVICES

UMKC School of Education

TEACHING & TRAINING

GRADE

9

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

GRADE

10

Child Development I & II

GRADE

11

Psychology and Sociology

GRADE

12

Introduction to the Teaching Profession

DUAL CREDIT,
INTERNSHIP, IRC

+

AAFCS-EF
CDEVA
Dual Credit



FIND YOUR
CENTER



CONTACT Center School District
Director of College and Career Readiness
816.349.3300 / www.center.k12.mo.us