

	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
CLASSES	Intro to Skilled Trades	WAM	Aviation Mechanics Welding Advanced Manufacturing	Prairie Manufacturing Advanced Manufacturing and Welding Academy k
EVENTS / STUDENT ORGANIZATIONS	Skills USA	Skills USA	Skills USA	Skills USA
WORK-BASED LEARNING	Level 1 Awareness Pathway Introductory Course ** Career Fairs Career Survey / Inventory Classroom Speakers 2yr / 4yr College Visits 4+ Year Planning	Level 2 Exploration In-Class Simulations Case Studies Hands-On Projects Industry Site Visit ** Industry-Specific Training Job Shadows 4+ Year Planning	Level 3 Preparation Job Shadows ** Multi-Experience Visit Mock Interviews School-Based Enterprise Targeted Post Secondary Visit 4+ Year Planning	Level 4 Training Internship ** Apprenticeship Consultancy Project Capstone Project Post Secondary Commitment 4+ Year Planning
CORE CLASSES	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH/ LANGUAGE ARTS	English 9	English 10	English 11 Fundamentals of Oral Communication k Composition I k	English 12 Composition I k Composition II k
MATHEMATICS	Core Math	Core Math	Core Math	Math Elective
SCIENCE	Earth & Space	Biology	Chemistry 1 Physics 1	Science Elective
SOCIAL STUDIES	Financial Literacy & Career Readiness	World History West and the World II k West and the World III k	U.S. History US History to 1877 k US History Since 1877 k	Government AP Government
OTHER REQUIREMENTS	Freshman Health Freshman Fitness	Physical Education	Physical Education	Physical Education
ELECTIVE CREDITS	Student Choice	Student Choice	Student Choice	Student Choice

source: <https://www.bls.gov>

Courses taken for dual credit denoted by the Kirkwood CC logo: **k**
** Pathway Focus Activity

Certifications	Sample Career	Salaries
Welding Certificate of Proficiency	Sheet Metal Worker	\$53,000
Associate Degree	Sample Career	Salaries
Associate Degree in Welding Technology	Pipefitter	\$59,000
Bachelor's Degree from Iowa Universities and Colleges	Sample Career	Salaries
Bachelor's Degree in Welding Engineering Technology	Welding Engineer	\$98,000