

ROLESVILLE

High School

CTE CAREER PATHWAYS

National Career Pathway: Animal Systems Animal Science Career Pathway (ANSC)			
Recommended	Prerequisite	Concentrator	Career Pathway Major
AU10 Foundations of Agriculture	AA21 Animal Science I	AA22 Animal Science II- Food Animal OR AA23 Animal Science II - Companion Animal	AA41 Veterinary Assisting or WS02 CTE Advanced Studies AGNR or WA02 CTE Apprenticeship AGNR or WI02 CTE Internship AGNR or WO02 CTE Cooperative Education AGNR or WP02 CTE Pre-apprenticeship AGNR
Supplemental Career Employability Skills Courses	OI00 IB Personal and Professional Skills CC10 Microsoft Word and PowerPoint ED45 Career Management		
Supplemental Technical Courses			
Work-based and Experiential Learning	SAE for All		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: FFA			

National Pathway: Plant Systems Plant Systems Career Pathway (PLSV)			
Recommended Pathway Entry	Prerequisite	Concentrator	Career Pathway Major
AU10 Foundations of Agriculture	AP41 Horticulture I - Introduction to Plants	AP42 Horticulture II - Plant Production or AP44 Horticulture II – Landscape Construction or AL43 Turfgrass Management	WS02 CTE Advanced Studies AGNR or WA02 CTE Apprenticeship AGNR or WI02 CTE Internship AGNR or WO02 CTE Cooperative Education AGNR or WP02 CTE Pre-apprenticeship AGNR
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses			
Work-based and Experiential Learning	SAE for All		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: FFA			

National Pathways: Construction and Maintenance/Operations Electrical Trades Career Pathway (ELTR)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
IC00 Core and Sustainable Construction	IC41 Electrical Trades I	IC42 Electrical Trades II	IC43 Electrical Trades III or WS03 CTE Advanced Studies ARCH or WA03 Apprenticeship ARCH or WI03 CTE Internship ARCH or WO03 CTE Cooperative Education ARCH or WP03 CTE Pre-apprenticeship ARCH
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses			
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: SkillsUSA			

National Pathway: Design/Pre-Construction Interior Design Career Pathway (INDE)		
Prerequisite	Concentrator	Career Pathway Major
FI21 Interior Design Fundamentals	FI22 Interior Design Studio <i>or</i> FI23 Interior Design Technology	WS03 CTE Advanced Studies ARCH <i>or</i> WA03 Apprenticeship ARCH <i>or</i> WI03 CTE Internship ARCH <i>or</i> WO03 Cooperative Education
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills	
Supplemental Technical Courses	FC11 Principles of Family and Human Services GS11 Project Management I CD10 Adobe Visual Design I FA31 Apparel and Textile Production I	
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway	
Intracurricular Career and Technical Student Organizations: SkillsUSA and FCCLA		

National Career Pathways: Visual Arts and Web & Digital Communications Adobe Academy Career Pathway (ADAC)			
Recommended	Prerequisite	Concentrator	Career Pathway Major
	CD14 Adobe Video Design I	CD15 Adobe Video Design II <i>OR</i> CD12 Adobe Digital Design I	WS01 CTE Advanced Studies AAVC <i>or</i> WA01CTE Apprenticeship AAVC <i>or</i> WI01CTE Internship AAVC <i>or</i> WO01 Cooperative Education AAVC
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	MM51 Marketing I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: SkillsUSA; Future Business Leaders of America (FBLA); Technology Student Association (TSA)			

National Career Pathways: Visual Arts and Web & Digital Communications Adobe Academy Career Pathway (ADAC)			
Recommended	Prerequisite	Concentrator	Career Pathway Major
	CD10 Adobe Visual Design I	CD11 Adobe Visual Design II <i>OR</i> CD12 Adobe Digital Design I	WS01 CTE Advanced Studies AAVC <i>or</i> WA01CTE Apprenticeship AAVC <i>or</i> WI01CTE Internship AAVC <i>or</i> WO01 Cooperative Education AAVC
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	MM51 Marketing I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: SkillsUSA; Future Business Leaders of America (FBLA); Technology Student Association (TSA)			

**National Pathway: Visual Arts
Apparel and Textile Production Career Pathway (ATPR)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
FC11 Principles of Family and Human Services	FA31 Apparel and Textile Production I	FA32 Apparel and Textile Production II	WS01 CTE Advanced Studies AAVC or WA01CTE Apprenticeship AAVC or WI01CTE Internship AAVC or WO01 Cooperative Education AAVC
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	MI21 Fashion Merchandising ME11 Entrepreneurship I CD10 Adobe Visual Design GS11 Project Management I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: Family, Career and Community Leaders of America (FCCLA)			

**National Pathways: Visual Arts and Programming & Software Development
Game Art Design Career Pathway (GAAR)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
	CD20 3D Modeling and Animation I	CD30 Game Art Design	CD31 Advanced Game Design or WS01 CTE Advanced Studies AAVC or WA01CTE Apprenticeship AAVC or WI01 CTE Internship AAVC or WO01 Cooperative Education AAVC
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	CD12 Adobe Digital Design I MM51 Marketing I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: Future Business Leaders of America (FBLA); SkillsUSA; Technology Student Association (TSA)			

**National Pathways: Operations Management and General Management
Entrepreneurship Career Pathway (ENTRE)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
BF10 Business Essentials	ME11 Entrepreneurship I	ME12 Entrepreneurship II	WS04 CTE Advanced Studies BMA or WA04 CTE Apprenticeship BMA or WI04 CTE Internship BMA or Cooperative Education
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	MM51 Marketing I CC11 Microsoft Excel		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: An association for Marketing Education Students (DECA) and Future Business Leaders of America (FBLA)			

**National Pathway: Operations Management
Project Management Career Pathway (PMGT)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
BF10 Business Essentials	GS11 Project Management I	GS12 Project Management II	WC04 CTE Advanced Studies BMA or WA04 CTE Apprenticeship BMA or WI04 CTE Internship BMA or Cooperative Education
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	CC11 Microsoft Excel		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: An association for Marketing Education students (DECA) Future Business Leaders of America (FBLA)			

**National Pathway: Therapeutic Services
Healthcare Professional Career Pathway (HPCP)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
HU10 Foundations of Health Science	HU40 Health Science I	HU42 Health Science II	HH32 Pharmacy Technician HN42 Nursing Fundamentals and Non-Practicum HN43 Nursing Fundamentals and Practicum (2 credits) or HN44 Fundamentals of Gerontology or HN45 Public Health Fundamentals or WS08 CTE Advanced Studies HLTH or WA08 CTE Apprenticeship HLTH or WI08 CTE Internship HLTH or WP08 CTE Pre-apprenticeship HLTH
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	FC13 Counseling and Mental Health I FC14 Counseling and Mental Health II FN41 Food and Nutrition I IP21 Emergency Medical Technology I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway WTCC Introduction to Medical Assisting WTCC Nurse Aide		
Intracurricular Career and Technical Student Organizations: HOSA Future Health Professionals			

**National Pathway: Recreation, Amusements and Attractions
Sports & Entertainment Marketing Career Pathway (SEMK)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
MM51 Marketing I	MH31 Sport & Event Marketing I	MH32 Sport & Event Marketing II	WS09 CTE Advanced Studies HOSP <i>or</i> WA09 CTE Apprenticeship HOSP <i>or</i> WI09 CTE Internship HOSP <i>or</i> Cooperative Education
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	GS11 Project Management I ME11 Entrepreneurship I CC11 Microsoft Excel		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: An association for Marketing Education Students (DECA), Future Business Leaders of America (FBLA)			

**National Pathway: Travel and Tourism
Travel & Tourism Career Pathway (TRTO)**

Recommended Pathway Entry	Prerequisite	Concentrator	Career Pathway Major
BF10 Business Essentials	MH31 Sport & Event Marketing I <i>or</i> MM51 Marketing	MH42 Hospitality and Tourism	WB33 CTE Advanced Studies HOSP <i>or</i> WB34 CTE Apprenticeship HOSP <i>or</i> WB35 CTE Internship HOSP <i>or</i> Cooperative Education
Supplemental Career Employability Skills Courses	BM10 Microsoft Word and PowerPoint CC45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	CS11 Project Management I ME11 Entrepreneurship I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: An association for Marketing Education students (DECA)			

Counseling and Mental Health (CMHC)

Recommended	Prerequisite	Concentrator	Career Pathway Major
FC11 Principles of Family and Human Services	FC13 Counseling and Mental Health I	FC14 Counseling and Mental Health II	WS10 CTE Advanced Studies HUMA <i>or</i> WA10 CTE Apprenticeship HUMA <i>or</i> WI10 CTE Internship HUMA
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	FE60 Child Development		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		
Intracurricular Career and Technical Student Organizations: Family, Career and Community Leaders of America (FCCLA)			

National Pathway: Early Childhood Development & Services
Early Childhood Development & Services Career Pathway (EACH)

Recommended Pathway Entry	Prerequisite	Concentrator	Career Pathway Major
FC11 Principles of Family and Human Services	FE60 Child Development	FE11 Early Childhood Education I (2 credit course)	FE12 Early Childhood Education II (2 credit course)
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses			
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		

Intracurricular Career and Technical Student Organizations: Family, Career and Community Leaders of America (FCCLA)

National Pathway: Therapeutic Services
Food & Nutrition Career Pathway (FONU)

Recommended Pathway Entry	Prerequisite	Concentrator	Career Pathway Major
FC11 Principles of Family and Human Services	FN41 Food and Nutrition I	FN42 Food and Nutrition II	FN43 Food Science and Technology <i>or</i> WB37 CTE Advanced Studies HUMA <i>or</i> WB38 CTE Apprenticeship HUMA <i>or</i> WB39 CTE Internship HUMA
Supplemental Career Employability Skills Courses	BM10 Microsoft Word and PowerPoint CC45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses			
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		

Intracurricular Career and Technical Student Organizations: Family, Career and Community Leaders of America (FCCLA)

Marketing Management Career Pathway (MMGT)

Recommended	Prerequisite	Concentrator	Career Pathway Major
BF10 Business Essentials	MM51 Marketing I	MM52 Marketing II	WS14 CTE Advanced Studies MRKT <i>or</i> WA14 CTE Apprenticeship MRKT <i>or</i> WI14 CTE Internship MRKT Cooperative Education
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	CD10 Adobe Visual Design I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway		

Intracurricular Career and Technical Student Organizations: An association for Marketing Education students (DECA)

**National Pathway: Engineering and Technology
Technology Engineering & Design Career Pathway (TEND)**

Recommended	Prerequisite	Concentrator	Career Pathway Major
IC61 Drafting I Honors	CT10 Technology Engineering & Design	CT11-Technological Design or CT12 Engineering Design	WS15 CTE Advanced Studies STEM <i>or</i> WA15 CTE Apprenticeship STEM <i>or</i> WI15 CTE Internship STEM <i>or</i> WO15 CTE Cooperative Education STEM <i>or</i> WP15 CTE Pre-apprenticeship STEM
Supplemental Career Employability Skills Courses	CC10 Microsoft Word and PowerPoint ED45 Career Management OI00 IB Personal and Professional Skills		
Supplemental Technical Courses	GS11 Project Management I MM51 Marketing I		
Career & College Promise	Approved Career & College Promise Career Technical Education Pathway WTCC Electronics Engineering Technology		
Intracurricular Career and Technical Student Organizations: Technology Student Association (TSA)			