

The framework of Career Clusters, Career Pathways, and Programs of Study organizes educational preparation and occupational choices into a unified concept. By combining rigorous academics with career and technical education, students have a clear path to their future.



PATHWAYS TO COLLEGE & CAREER READINESS
CareerClusters™
Agriculture, Food & Natural Resources

Career Pathway	Program of Study	Dept.	Kishwaukee College Program	
Plant Systems	Floriculture/Floristry Operations	HOR	227	Floral Horticulture
Plant Systems	Greenhouse Operations & Management	HOR	241	Greenhouse/Garden Center
Plant Systems	Horticulture Service Operations & Management General	HOR	402	Horticulture/Greenhouse
Plant Systems	Landscape Operations & Management	HOR	238	Landscape Design/Plant ID
Plant Systems	Landscape Operations & Management	HOR	404	Landscape Design & Nursery
Plant Systems	Landscape Operations & Management	HOR	290	Sustainable Horticulture
Plant Systems	Nursery Operations & Management	HOR	240	Garden Center Operations
Plant Systems	Ornamental Horticulture, Operations & Management	HOR	403	Horticulture Floral Design
Plant Systems	Ornamental Horticulture, Operations & Management	HOR	401	Hort Sustainable/General
Power Structural & Technical Systems	Agricultural Power Machinery Operation	DPT	429	Diesel Power/Equipment Repair
Power Structural & Technical Systems	Agricultural Mechanization, General	AGR	342	Agribusiness
Power Structural & Technical Systems	Agricultural Mechanization, General	AGR	425	Foundations of Agribusiness
Power Structural & Technical Systems	Agricultural Mechanization, General	AGR	447	Precision Agriculture



PATHWAYS TO COLLEGE & CAREER READINESS
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Architecture & Construction

Career Pathway	Program of Study	Dept.	Kishwaukee College Program	
Construction	Building & Property Maintenance	MT	283	Automated Industrial Tech
Construction	Electrician	ELE	435	Industrial Electricity
Design/Pre-Construction	CAD/CADD Drafting and/or Design Tech	CAD	414	Computer-Aid Architectural Drafting
Design/Pre-Construction	CAD/CADD Drafting and/or Design Tech	TM	370	Technology & Manufacturing
Design/Pre-Construction	Mechanical Drafting and Mechanical Design	CAD	415	Computer-Aided Mechanical Drafting



PATHWAYS TO COLLEGE & CAREER READINESS
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Business Management & Administration

Career Pathway	Program of Study	Dept.	Kishwaukee College Program	
Administrative Support	Administrative Assistant/Secretarial Science, General	OS	406	Administrative Professionals
Administrative Support	Data Entry/Microcomputer Applications	OS	445	Application Specialist
Administrative Support	Data Entry/Microcomputer Applications	CIS	452	Microcomputer Applications
Administrative Support	General Office/Clerical & Typing Services	OS	213	Administrative Assistant
General Management	Business Administration & Management, General	MM	218	Marketing And Management
Management	Office Management and Supervision	MM	409	Supervision Basics



PATHWAYS TO COLLEGE & CAREER READINESS
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Health Science

Career Pathway	Program of Study	Dept.	Kishwaukee College Program	
Diagnostics Services	Emergency Medical Technology/Technician	EMS	456	EMS Paramedic
Diagnostics Services	Emergency Medical Technology/Technician	EMS	457	Paramedic Certificate
Diagnostics Services	Radiologic Technology	RA	222	Radiologic Technology
Diagnostics Services	Medical Assistant	MA	408	Medical Assistant
Health Information Technology	Medical Insurance Coding Specialist	HIT	274	Medical Billing and Coding
Therapeutic Services	Emergency Care Attendant	EMS	458	Emergency Medical Technician
Therapeutic Services	Nursing	NUR	310	Basic Nurse Assisting
Therapeutic Services	Nursing	NUR	366	Registered Nursing
Therapeutic Services	Therapeutic Massage	TPM	444	Therapeutic Massage



PATHWAYS TO COLLEGE & CAREER READINESS
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Hospitality & Tourism

Career Pathway	Program of Study	Dept.	Kishwaukee College Program	
Restaurants and Food/Beverage Services	Food Preparation/Professional Cooking/Kitchen Assistant	HOS	420	Foundations of Culinary Arts
Restaurants and Food/Beverage Services	Restaurant, Culinary and Catering Management/Manager	HOS	325	Hospitality Management

The Career Clusters™ logo and its extensions are the property of the National Career Technical Education Foundation, as managed by NASDCTEC. In total, there are 16 Career Clusters in the National Career Clusters™ Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career.



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PATHWAYS TO COLLEGE & CAREER READINESS

Human Services

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Early Childhood Development & Services	Child Care Provider/Assistant	ECE 259 Early Childhood Education
Early Childhood Development & Services	Child Care Provider/Assistant	ECE 475 Gateways ECE Level 2
Early Childhood Development & Services	Child Care Provider/Assistant	ECE 477 Gateways ECE Level 3
Personal Care Services	Esthetician and Skin Care Specialist	EST 450 Esthetics



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PATHWAYS TO COLLEGE & CAREER READINESS

Information Technology

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Information Support & Services	Information Technology	CIS 411 Google IT Support
Information Support & Services	Information Technology	CIS 437 Computer Information Systems
Information Support & Services	Network & System Administrator	CIS 412 Networking Fundamentals
Information Support & Services	Network & System Administrator	CIS 467 Network Administration
Information Support & Services	Network & System Administrator	CIS 460 Networking & Systems Administration
Information Support & Services	Network & System Administrator	CIS 482 Cybersecurity Specialist
Network Systems	Computer Systems Network & Telecommunications	CIS 468 Cisco Networking
Programming & Software Development	Computer Programming	CIS 451 Computer Programming
Web & Digital Communications	Web/Multimedia Management & Webmaster	CIS 454 Web Development



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PATHWAYS TO COLLEGE & CAREER READINESS

Law, Public Safety, Corrections & Security

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 214 Criminal Investigations
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 228 Criminal Justice General
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 223 Criminal Justice Management
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 217 Law For Policing
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 224 Social Aspects of CRJ
Law Enforcement Services	Criminal Justice/Safety Studies	CRJ 208 Traffic Investigations
Law Enforcement Services	Forensic Technology/Technician	CRJ 218 Crime Scene Processing
Law Enforcement Services	Forensic Technology/Technician	CRJ 350 Criminal Justice-Forensic Tech



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PATHWAYS TO COLLEGE & CAREER READINESS

Manufacturing

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Maintenance, Installation & Repair	Computer Installer & Repair Technology/Technician	CIS 466 PC Technician
Maintenance, Installation & Repair	Electrical, Electronic & Com Eng Tech	ELE 439 Industrial Electronics
Maintenance, Installation & Repair	Manufacturing Technology/Technician	TM 370 Technology & Manufacturing
Maintenance, Installation & Repair	Manufacturing Technology/Technician	MT 422 CNC Production Technician
Maintenance, Installation & Repair	Manufacturing Technology/Technician	MT 242 Certified Production Tech
Maintenance, Installation & Repair	Robotics Technology/Technician	ELE 431 Industrial Automation
Production	Tool & Die Technology/Technician	MT 233 Precision Machining Apprentice
Production	Welding Technology/Welder	WT 252 Basic Welding Technology
Production	Welding Technology/Welder	WT 449 Advanced Welding Technology



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PATHWAYS TO COLLEGE & CAREER READINESS

Marketing

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Professional Sales	Retailing & Retail Operations	MM 293 Retailing



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PATHWAYS TO COLLEGE & CAREER READINESS

Transportation, Distribution & Logistics

Career Pathway	Program of Study	Dept. Kishwaukee College Program
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	AMT 417 Advanced Automotive Technology
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	AMT 230 Automotive Technology
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	AMT 416 Basic Automotive Technology
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	CRT 270 Collision Repair Technology
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	CRT 418 Pro-Level I Collision Repair
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	CRT 419 Advanced Collision Repair
Facility & Mobile Equipment Maintenance	Autobody/Collision Repair Technology/Technician	CRT 420 Auto Physical Damage Appraiser
Facility & Mobile Equipment Maintenance	Diesel Engine Mechanic & Repair	DPT 426 Diesel Power Technology