

Iredell-Statesville Schools Career Pathways

Agriculture, Food & Natural Resources

Animal Science Career Pathway (ANSC)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	AA21 Animal Science I	AA22 Animal Science II OR AA23 Animal Science II - Small Animal	AA41 Veterinary Assisting OR CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Equine Science Career Pathway (EQSC)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	AA31 Equine Science I	AA32 Equine Science II	AA41 Veterinary Assisting OR CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Food Products & Processing Systems Career Pathway (FPPR)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	FN41 Food and Nutrition I	FN43 Food Science and Technology	CS96 CTE Apprenticeship OR CS97 CTE Internship
Plant Systems Career Pathway (PLSV)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	AP41 Horticulture I	AP42 Horticulture II OR AP44 Horticulture II – Landscaping OR AP43 Horticulture II – Turfgrass Management	CS96 CTE Apprenticeship OR CS97 CTE Internship
Power, Structural, & Technical Systems Career Pathway (PSTE)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	AS31 Agricultural Mechanics I	AS32 Agricultural Mechanics II OR AS33 Agricultural Mechanics II - Small Engines	CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Sustainable Agriculture Career Pathway (SUAG)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

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	AU21 Sustainable Agriculture Production I	AU22 Sustainable Agriculture Production II	CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship
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Architecture & Construction

Masonry Career Pathway (MASO)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
IC00 Core and Sustainable Construction	IC11 Masonry I	IC12 Masonry II	IC13 Masonry III OR CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Drafting Architectural Career Pathway (DRFA)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	IC61 Drafting I	IC62 Drafting II – Architectural	IC63 Drafting III – Architectural OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Interior Design Career Pathway (INDE)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	FI51 Interior Design I	FI52 Interior Design II	CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Arts, A/V Technology, & Communications

Adobe Academy Career Pathway (ADAC)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	II31 Adobe Visual Design	II33 Adobe Video Design	IK15 Photography/Film Production OR XXXX Introduction to Animation OR IL98 Broadcast Journalism OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

Iredell-Statesville Schools Career Pathways

Business Management & Administration

Entrepreneurship Career Pathway (ENTRE)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	ME11 Entrepreneurship I	ME12 Entrepreneurship II	CS96 CTE Apprenticeship OR CS97 CTE Internship
General Management Career Pathway (GMGT)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	BB40 Business Management I	BB42 Business Management II	CS96 CTE Apprenticeship OR CS97 CTE Internship
Project Management Career Pathway (PMGT)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	CS11 Project Management I	CS12 Project Management II	CS96 CTE Apprenticeship OR CS97 CTE Internship

Education & Training

Teaching/Training (TETR)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

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	FE21 Teaching as a Profession I	FE22 Teaching as a Profession II	** FE22 is a two credit course and includes a work-based learning experience. A concentrator is automatically a Major.
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Finance

Accounting Career Pathway (ACCT)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	BA10 Accounting I	BA20 Accounting II	CS96 CTE Apprenticeship OR CS97 CTE Internship
Financial Securities and Investments Career Pathway (FSIN)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
BF10 Principles of Business	BF21 Financial Planning 1	BF22 Financial Planning 2	CS96 CTE Apprenticeship OR CS97 CTE Internship

Health Science

Biomedical Technology Career Pathway (BTCP)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	HU40 Health Science I	HB11 Biomedical Technology	CS96 CTE Apprenticeship OR CS97 CTE Internship
Healthcare Professional Career Pathway (HPCP)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	HU40 Health Science I	HU42 Health Science II	HN43 Nursing Fundamentals and Practicum (2 credits) OR HN44 Fundamentals of Gerontology OR HN45 Public Health Fundamentals OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

Iredell-Statesville Schools Career Pathways

Hospitality & Tourism

Culinary Arts Applications Career Pathway (CULA)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
FH10 Culinary Arts & Hospitality I	FH11 Culinary Arts & Hospitality II Applications	FH13 Culinary Arts & Hospitality III	FH14 Culinary Arts & Hospitality IV Applications OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Sports & Entertainment Marketing Career Pathway (SEMK)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	MH31 Sports & Entertainment Marketing I	MH32 Sports & Entertainment Marketing II	CS96 CTE Apprenticeship OR CS97 CTE Internship
Travel & Tourism Career Pathway (TRTO)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	MH31 Sports & Entertainment Marketing I OR MM51 Marketing OR BF10 Principles of Business and Finance	MH42 Hospitality and Tourism	CS96 CTE Apprenticeship OR CS97 CTE Internship

Human Services

Food & Nutrition Career Pathway (FONU)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	FN41 Food and Nutrition I	FN42 Food and Nutrition II	FN43 Food Science and Technology OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

Iredell-Statesville Schools Career Pathways

Information Technology

AP Computer Science Career Pathway (APCS)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	OA02 AP Computer Science Principles	2A02 AP Computer Science	CS96 CTE Apprenticeship OR CS97 CTE Internship
Network Security Career Pathway (NESE)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
BC10 Cybersecurity Essentials	BN31 Network Security I or corresponding CCP course	BN32 Network Security II or corresponding CCP course	CS96 CTE Apprenticeship OR CS97 CTE Internship
Python Programming Career Pathway (PYPR)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	BP14 Python Programming I	BP16 Python Programming II	2A02 AP Computer Science OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

Iredell-Statesville Schools Career Pathways

Law, Public Safety, Corrections & Security

Emergency Management Career Pathway (EMMG)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	IP11 Public Safety I	WC20 Emergency Medical Technician (EMS 110)	OR CS96 CTE Apprenticeship OR CS97 CTE Internship
FireFighter Technology Career Pathway (FIFI)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	IP31 FireFighter Technology I	IP32 FireFighter Technology II	IP33 FireFighter Technology III OR IP51 Emergency Management I OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Manufacturing

Welding Career Pathway (WELD)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	WLD 110 Cutting Processes WLD 121 GMAW (MIG) FCAW/Plate WLD 141 Symbols and Specifications	WLD 115 SMAW (Stick) Plate WLD 131 GTAW (TIG) FCAW?Plate	Continue CCP courses at MCC OR CS96 CTE Apprenticeship OR CS97 CTE Internship
Metals Manufacturing Career Pathway (MEMA)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	IM41 Metals Manufacturing Technology I	IM42 Metals Manufacturing Technology II	CS96 CTE Apprenticeship OR CS97 CTE Internship

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

Iredell-Statesville Schools Career Pathways

Marketing

Marketing Management Career Pathway (MMGT)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	MM51 Marketing	MA52 Marketing Applications	Cooperative Education OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Science, Technology, Engineering, & Mathematics

Technology Engineering & Design Career Pathway (TEND)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	TE11 Technology Engineering & Design	TE13 Engineering Design	CS96 CTE Apprenticeship OR CS97 CTE Internship
Electronics Career Pathway (ELEC)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
	IM31 Electronics 1	IM32 Electronics 2	CS96 CTE Apprenticeship OR CS97 CTE Internship
Drafting Engineering Career Pathway (DREN)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science

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	IC61 Drafting I	IV22 Drafting II – Engineering	IV23 Drafting III – Engineering OR CTE Advanced Studies OR CTE Apprenticeship OR CTE Internship
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Transportation, Distribution & Logistics

Automotive Services Career Pathway (AUTO)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
IK28 Introduction to Transportation Technology LCO	IT11 Automotive Service Fundamentals & ILO4 Basic Transportation Systems LCO	IT16 Automotive Service I & IL16 General Transportation Systems LCO	IK26 Advanced Transportation Systems OR IK27 Specialized Transportation Technology OR CS96 CTE Apprenticeship
Collision Repair Career Pathway (COLL)			
Foundational Prerequisite	Prerequisite	Concentrator	Career Pathway Major
IT30 Collision Repair Fundamentals	IT31 Collision Repair I	IT32 Collision Repair II Non-Structural OR IT33 Collision Repair II Refinishing	CS95 CTE Advanced Studies OR CS96 CTE Apprenticeship OR CS97 CTE Internship

Students must take the foundation prerequisite (if applicable), prerequisite, and concentrator course to be a CTE Concentrator.

Other courses available but not limited to: AU10 Agriscience Applications, CC45 Career Management, BM10 Microsoft Word & PPT, BM20 Microsoft Excel, FC11 Principles of Family & Human Services, FE60 Child Development, BB30 Business Law, HU10 Foundations of Health Science