

KNOX COUNTY
CTE-FOCUS/PATH OF STUDY 2010-2011

Agricultural, Food & Natural Resources				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 Grade
Environmental and Natural Resources Systems (South-Doyle High School)	Principles of Agriculture Sciences 5154 1 Credit	Forestry 5165 1 Credit	Wildlife Management 5174 1 Credit	Plant and Soil Science 5161 1 Credit
Plant Systems-Horticulture Production (North-Knox CTE)	Principles of Horticultural Sciences 5184 1 Credit	Floral Design 5164 1 Credit	Greenhouse Management 5167 1 Credit	Plant Bio-Technology 5175 1 Credit
Landscape Design (North-Knox CTE)	Principles of Horticultural Sciences 5184 1 Credit	Landscaping & Turf Science 5163 1 Credit	Greenhouse Management 5167 1 Credit	
Business Technology				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 Grade
Business Financial Management and Accounting (SPOS)		Accounting I 3779 1 Credit	Accounting II 3780 1 Credit	Virtual Enterprise International 3757 1-2 Credits
Banking and Finance		Accounting I 3779 1 Credit	Personal Finance-1/2 credit 3717 Financial Planning-3766 1/2 Credit or Accounting II 3780	Banking and Finance 3756 1-2 Credits
Interactive Multimedia		Computer Applications 3718 Credit 1	Interactive Multimedia 3746 1 Credit	Desktop Publishing 3741 1 Credit
Business Management		Accounting I 3779 1 Credit	Business Management 3707 1 Credit	Virtual Enterprise International 3757 1-2 Credits
Web/Multimedia Management/Webmaster		Computer Applications 3718 1 Credit	Web Design Essentials 3768 1 Credit	Web Design Applications 3769 1 Credit or Interactive Multimedia 3746 1 Credit

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Family and Consumer Science				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 Grade
Interior Design	Family and Consumer Science 5603 1 Credit	Interior Design 5626 1 Credit	Housing 5614 1 Credit	Life Connections 5623 1 Credit
Fashion Design	Family & Consumer Sciences 5603 1 Credit	Fashion Design and Merchandising 5621 1 Credit	Textiles and Apparel 5619 1 Credit	Life Connections 5623 1 Credit
Teaching Training Services	Family and Consumer Science 5603	Child & Lifespan Development 5625	Life Connections 5623	Teaching as a Profession (TAP)5622
Pre-K Early Childhood Education	Family and Consumer Science 5603	Early Childhood Education Careers I 5650	Early Childhood Education Careers II 5660	Early Childhood Education Careers III 5661
Food and Beverage Services 9.1 (CULINARY ARTS) T&I		Culinary Arts I 5381 1 Credit	Culinary Arts II 5382 2 Credits	Culinary Arts III 5383 2 Credits
Nutritional Counseling	Family and Consumer Science 5603	Nutrition and Foods 5609	Nutrition Science 5615 HQ, 5616 HQ, 5617 CTE, 5618 CTE	Child and Lifespan Development 5610
Early Childhood Development and Services	Family and Consumer Science 5603	Early Childhood Education Careers I 5650	Early Childhood Education Careers II 5660	Early Childhood Education Careers III 5661
Counseling and Mental Health Services	Family and Consumer Science 5603	Child & Lifespan Development 5625	Family and Parenting 5606	Life Connections 5623
Family & Community Services	Family and Consumer Science 5603	Child & Lifespan Development 5625	Nutrition and Foods 5609	Life Connections 5623
Occupational Family and Consumer Sciences - Early Childhood Education				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 Grade
Pre-K Early Childhood Education	Family and Consumer Science 5603	Early Childhood Education Careers I 5650	Early Childhood Education Careers II 5660	Early Childhood Education Careers III 5661
Health Science				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 Grade
Therapeutic Services	Health Science Education 5504	Medical Therapeutics 5506	Anatomy and Physiology 5509	Nursing Education 5507
Diagnostic Services	Health Science Education 5504	Rehabilitative Therapies 5503	Medical Diagnostics 5511	Clinical Internship 5501
Health Informatics	Health Science Education 5504	Medical Diagnostics 5511	Health Informatics 5505	Clinical Internship 5501
Support Services	Health Science Education 5504	Medical Therapeutics 5506	Support Services 5500	Clinical Internship 5501
Biotechnology Research and Development	Health Science Education 5504	Medical Diagnostics 5511	Anatomy and Physiology 5509	Forensic Science 5514
Therapeutic Emergency Services	Health Science Education 5504	Medical Therapeutics 5506	Anatomy and Physiology 5509	Emergency Medical Services 5510

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Marketing Education				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 grade
Marketing Management (SPOS)		5030 Marketing I 1 Credit	5001 Marketing II 1 Credit	5035 Entrepreneurship or 5067 Virtual Enterprise International 1 Credit
Recreation, Attractions, Sports and Entertainment (SPOS)		5030 Marketing I 1 Credit	5001 Marketing II or 5035 Entrepreneurship or 5003 Travel & Tourism 1 Credit	5023 Sports and Entertainment 1 Credit
Channel Management (SPOS)		5030 Marketing I 1 Credit	5050 Wholesale Logistics 1 Credit	5001 Marketing II 1 Credit
Financial Services Marketing		5030 Marketing I 1 Credit	5036 Financial Services 1 Credit	5037 Personal Finance an Building Wealth 1 Credit
Marketing Communication		5030 Marketing I 1 Credit	5001 Marketing II 1 Credit	5016 Advertising and Public Relations 1 Credit
Technology Engineering Education				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 grade
Engineering & Technology	Foundation of Technology 3835 1 Credit	Technological Issues 3836 1 Credit	Advance Design Applications 3838 1 Credit	Engineering Design 3839 1 Credit

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Trade and Industry				
Program of Study				
Grade Level	9th Grade	10th Grade	11th Grade	12 grade
CAD - Computer-Aided Drafting		CAD 5788 2 Credits	Advanced CAD 5789 2 Credits	Principles of Engineering 5784 1 Credit
Electrical		Construction Core 5730 1 Credit	Electrical I 5733 2 Credits	
Masonry		Construction Core 5730 1 Credit	Masonry I 5735 2 Credits	
Plumbing		Construction Core 5730 1 Credit	Plumbing I 5739 2 Credits	
HVAC/R		Construction Core 5730 1 Credit	HVAC/R I 5741 2 Credits	
Welding		Construction Core 5730 1 Credit	Basic Principles Welding 5785 2 Credits	
Precision Productions 13.1	Principles of Manufacturing 5781 1 Credit	Programming and Logic 5780 1 Credit	Principles of Machining & Manufacturing 5782 2 Credit	
Carpentry		Construction Core 5730 1 Credit	Carpentry I 5731 2 Credits	
Automotive Technology	Transportation Core 5702 1 Credit	Brakes 5712 1 Credit	Steering & Suspension 5710 1 Credit	
Collision Repair Technology	Transportation Core 5702 1 Credit	Non-Structural 5707 2 Credits		
Diesel Technology	Transportation Core 5702 1 Credit	Diesel: Preventive Maintenance 5714 1 Credit	Diesel: Suspension & Steering 5716 OR Brakes 5715 1 Credit	
Leisure Craft/Small Engine Technology	Transportation Core 5702 1 Credit	Leisure Craft/Small Systems 5705 1 Credit	Leisure Craft/Sm Engine Performance 5706 2 Credit	
Personal Care Services 10.4 (COSMETOLOGY)		Principle of Cosmetology 5338 1 Credit	Design Principles Cosmetology 5339 2 Credits	Chemistry of Cosmetology 5340 2 Credits
Networking Systems 11.1	Information Technology Foundations 5755 1 Credit	Computer Operating Systems and Hardware 5756 1 Credit	Networking 5757 1 Credit	Cabling Technology 5758 1 Credit
Design Communication 3.32		Visual Communications 5759 1 Credit	Digital Design & Imaging 5762 2 Credits	
Journalism & Broadcasting 3.5		Media Concepts 5763 1 Credit	Electronic Media Production 5764 2 Credits	Electronic Media Management and Operations 5765 2 Credits
Law Enforcement Services 12.4 (CRIMINAL JUSTICE)		Criminal Justice I - 5330	Criminal Justice II - 5331	Criminal Justice III - 5342