

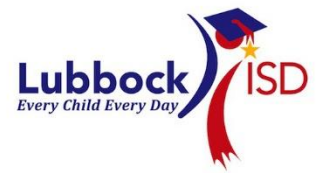
Career & Technical Education Courses

by Career Cluster 2022-2023

Agriculture, Food and Natural Resources	Architecture and Construction	Arts, AV/Technology and Communications	Business, Marketing and Finance
<p>Principles of Agriculture</p> <p>Small Animal/Equine (.5 each) Livestock Production Veterinary Medical Applications Wildlife Management Floral Design (also Fine Arts) Advanced Floral Design Project-Based Research- Ag PRACTICUM in Agriculture</p>	<p>Principles of Trade and Industry</p> <p>Construction Tech 1 Construction Tech 2 PRACTICUM in Construction Interior Design 1 Interior Design 2 PRACTICUM in Interior Design Architectural Design 1 Architectural Design 2 PRACTICUM in Architecture Design Electrical Technology 1 + OSHA Electrical Technology 2 PRACTICUM in Electrical Plumbing 1 + Pipefitting Plumbing 2 PRACTICUM in Plumbing</p>	<p>Principles of Arts/AV/Comm</p> <p>AV Production 1 and 2 PRACTICUM in AV Fashion Design 1 and 2 Project-Based Research- Fashion PRACTICUM in Fashion Design Digital Media Animation 1 and 2 PRACTICUM in Animation 3-D Modeling and Animation Advanced 3-D Modeling Independent Study- 3-D Modeling Graphic Design and Illustration Graphic Design and Illustration 2 PRACTICUM in Graphic Design Commercial Photography 1 Professional Communication (.5) Video Game Design 1, 2, 3</p>	<p>Principles of BMF</p> <p>Accounting I Accounting 2 (also math) Financial Math (also math) Global Business (.5) Virtual Business (.5) Entrepreneurship PRACTICUM in Business Mgmt Business Info Management I Business Info Management II CAREER PREP 1 CAREER PREP 2</p>
Education and Training	Energy	Health Science	Hospitality & Tourism
<p>Principles of Education and Training</p> <p>Child Development Communication/Technology in Ed Instructional Practices (Year 1) PRACTICUM in Education (Year 2)</p> <p><i>May also take electives from Human Services cluster</i></p>	<p>None currently offered</p>	<p>Medical Terminology Anatomy/Physiology (Science) Pathophysiology (Science) Medical Microbiology (Science) Pharmacology Health Science Theory PRACTICUM- CNA PRACTICUM- Pharmacy Tech PRACTICUM- CPCT</p>	<p>Introduction to Culinary Arts Culinary Arts Advanced Culinary Arts PRACTICUM in Culinary Arts</p>
Human Services	Information Technology	Law and Public Safety	Manufacturing
<p>Principles of Human Services</p> <p>Interpersonal Studies (.5) Lifetime Nutrition/Wellness (.5) Child Development Counseling and Mental Health PRACTICUM in Human Services Cosmetology 1 Cosmetology 2</p>	<p>Foundations of Cyber Security Digital Forensics AP Computer Science (A) AP Computer Science (Principles) Computer Science 3 Computer Maintenance Computer Networking PRACTICUM in Computer Tech Video Game Design 1, 2, 3 Independent Study- Emerging Tech PRACTICUM in Emerging Technology</p>	<p>Principles of Law/Public Safety</p> <p>Law Enforcement I Law Enforcement 2 Legal Research/Writing (Mock Trial) Court Systems & Practices Forensic Science (also science) Disaster Response Firefighter 1 and 2 PRACTICUM- EMT PRACTICUM- Law/Public Safety</p>	<p>Welding 1 Welding 2 PRACTICUM in Welding</p> <p><i>Principles of T&I recommended</i></p>
Science, Technology, Engineering and Math	Transportation, Distribution & Logistics		
<p>Eng Design/Prob Solving (science) Eng Design/Presentation Robotics 1 Robotics 2 (math) Project-Based Research-STEM PRACTICUM in STEM</p>	<p>Automotive 1 Automotive 2 PRACTICUM in Automotive Collision Repair Paint and Refinishing</p> <p><i>Principles of T&I recommended</i></p>		

Programs of Study

2022-2023



Architecture, Food and Natural Resources	Architecture and Construction	Arts, A/V Technology & Communications	Business, Marketing and Finance
<ul style="list-style-type: none"> • Animal Science • Plant Science 	<ul style="list-style-type: none"> • Architectural Design • Carpentry • Electrical • Plumbing and Pipefitting 	<ul style="list-style-type: none"> • Digital Communication • Graphic Design & Multimedia Arts 	<ul style="list-style-type: none"> • Business Management • Marketing and Sales • Accounting and Financial Services • Entrepreneurship
Education & Training	Energy	Health Science	Hospitality & Tourism
<ul style="list-style-type: none"> • Early Learning • Teaching & Training 		<ul style="list-style-type: none"> • Healthcare Diagnostics • Health Informatics • Healthcare Therapeutic • Medical Therapy • Nursing Science 	<ul style="list-style-type: none"> • Culinary Arts
Human Services	Information Technology	Law and Public Safety	Manufacturing
<ul style="list-style-type: none"> • Cosmetology and Personal Care • Family & Community Services 	<ul style="list-style-type: none"> • Network Systems 	<ul style="list-style-type: none"> • Emergency Services • Law Enforcement • Legal Studies 	<ul style="list-style-type: none"> • Advanced Manufacturing and Machinery Mechanics • Welding
Science, Technology, Engineering & Math	Transportation, Distribution & Logistics		
<ul style="list-style-type: none"> • Biomedical Science • Cybersecurity • Engineering • Programming and Software Development 	<ul style="list-style-type: none"> • Automotive 		