

# Greenwood High School Career Pathways

## Agriculture Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Animal Science Systems</b>	Prepares students to focus on the scientific principles that underlie breeding, care, & management of agricultural animals & the production, processing & distribution of animal products	<ul style="list-style-type: none"> <li>Principles of Ag</li> <li>Vet Science **</li> <li>Animal Science</li> <li>Adv Animal Science**</li> <li>Wildlife Resources</li> <li>Ag Communications</li> <li>Ag Construction</li> </ul>	Animal Science KOSSA**	<ul style="list-style-type: none"> <li>Veterinarian</li> <li>Animal Scientist</li> <li>Marine Biologist</li> <li>Zoologist</li> <li>Animal Breeder</li> </ul>
<b>Horticulture &amp; Plant Science Systems</b>	Focus on the scientific principles that underlie breeding, cultivation, & production of agricultural plants and production, processing, & distribution of ag plant products	<ul style="list-style-type: none"> <li>Principles of Ag</li> <li>Agriscience</li> <li>Landscaping &amp; Turf Management</li> <li>Greenhouse Tech</li> <li>Plant Science**</li> <li>Ag Communications</li> <li>Ag Construction</li> </ul>	Horticulture KOSSA**	<ul style="list-style-type: none"> <li>Horticulturist</li> <li>Landscaper</li> <li>Farmer</li> <li>Scientist</li> <li>Nursery &amp; Greenhouse Grower</li> <li>Botanist</li> </ul>

## Family & Consumer Sciences Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Consumer &amp; Family Management</b>	Prepares students to develop skills associated with early career employment opportunities & rigorous education programs	<ul style="list-style-type: none"> <li>FACS Essentials</li> <li>Money Skills</li> <li>Foods &amp; Nutrition</li> <li>Relationships</li> <li>Parenting</li> </ul>	Consumer & Family Mgmt. KOSSA**	<ul style="list-style-type: none"> <li>Marriage &amp; Family Therapist</li> <li>Family &amp; Cons. Scientist</li> <li>Abuse/Crisis Counselor</li> </ul>
<b>Early Childhood Education</b>	Prepares students for success in early childhood education so that individuals can teach students ranging in age from infancy through grade 3	<ul style="list-style-type: none"> <li>FACS Essentials</li> <li>Early Life Dev. (formerly Child Human Dev.)</li> <li>Child Dev Services I</li> <li>Child Dev Services II</li> <li>Relationships</li> <li>Parenting</li> </ul>	Commonwealth Childcare Credential (CCCC)**  Early Childhood Education KOSSA**	<ul style="list-style-type: none"> <li>Early Childhood Educator</li> <li>Psychologist</li> <li>Nanny</li> <li>Pediatrician</li> <li>Midwife</li> </ul>
<b>Culinary Arts*</b>	Prepares students for success in the culinary industry and promotes continuing education at the post-secondary level	<ul style="list-style-type: none"> <li>FACS Essentials</li> <li>Foods &amp; Nutrition</li> <li>Culinary I</li> <li>Culinary II</li> <li>Adv. Foods &amp; Nutrition</li> </ul>	ServSafe: National Food Safety Certification**  Culinary Arts KOSSA**	<ul style="list-style-type: none"> <li>Chef/Cook</li> <li>Baker</li> <li>Entrepreneur</li> <li>Food Inspector</li> <li>Butcher</li> </ul>

## Visual & Performing Arts Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Instrumental Ensemble*: Concert Band</b>	Prepares students to master musical instruments & solo & ensemble performers	<ul style="list-style-type: none"> <li>Concert Band</li> <li>Symphonic Band II</li> <li>Symphonic Band III</li> <li>Symphonic Band IV</li> </ul>	Instrumental Ensemble Capstone Portfolio	<ul style="list-style-type: none"> <li>Composer</li> <li>Music Teacher</li> <li>Therapist</li> <li>Musician</li> </ul>
<b>Strings Ensemble</b>	Prepares students to master musical instruments & solo & ensemble performers	<ul style="list-style-type: none"> <li>String Ensemble I</li> <li>String Ensemble II</li> <li>String Ensemble III</li> <li>String Ensemble IV</li> </ul>	Instrumental Ensemble Capstone Portfolio	<ul style="list-style-type: none"> <li>Composer</li> <li>Music Teacher</li> <li>Therapist</li> <li>Musician</li> </ul>
<b>Theatre* (Performance)</b>	Prepares students to perform as actors	<ul style="list-style-type: none"> <li>Intro to Theatre</li> <li>Theatre II</li> <li>Theatre III</li> <li>Theatre IV</li> </ul>	Performance Theatre Capstone Portfolio	<ul style="list-style-type: none"> <li>Actor</li> <li>Director</li> <li>Radio/TV Reporter</li> </ul>
<b>Visual Arts*</b>	Prepares students to create original works as a visual art	<ul style="list-style-type: none"> <li>Visual Art I</li> <li>Visual Art II</li> <li>Visual Art III</li> <li>Visual Art IV</li> </ul>	Visual Arts Capstone Portfolio	<ul style="list-style-type: none"> <li>Art Therapist</li> <li>Artist/Painter</li> <li>Cartoonist</li> <li>Designer</li> </ul>
<b>Vocal Ensemble*</b>	Prepares students to perform as a solo and/or ensemble singer	<ul style="list-style-type: none"> <li>Vocal Ens I (Beg)</li> <li>Vocal Ens II (SSA/SATB)</li> <li>Vocal Ens III (SSA/SATB)</li> <li>Vocal Ens IV (SSA/SATB)</li> </ul>	Vocal Ensemble Capstone Portfolio	<ul style="list-style-type: none"> <li>Composer</li> <li>Music Teacher</li> <li>Singer</li> </ul>

## Military Science (ROTC) Pathway

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Navy ROTC</b>	Prepares students for cadet status or active duty officers	<ul style="list-style-type: none"> <li>Navy ROTC I</li> <li>JROTC II</li> <li>JROTC III</li> <li>Navy ROTC IV</li> </ul>	Complete 3 courses  ASVAB AFQT score >50	<ul style="list-style-type: none"> <li>Naval Officer</li> <li>Submarine Officer</li> <li>Naval Aviator</li> <li>Naval Special Warfare Officer</li> </ul>

**Bolded courses denotes core courses recommended for successful completion of KOSSA**

\* Denotes a new pathway for the 2015-16 school year.

\*\*Potential Articulation or College Credit available through completion of course or Career Ready Measure

# Greenwood High School Career Pathways

## Business Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Accounting</b>	Prepares students to practice the profession of accounting and perform related business functions	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Accounting I</li> <li>Adv Accounting</li> <li>Bus. Management</li> <li>Financial Literacy</li> </ul>	Accounting KOSSA  A*S*K Exam: Finance	<ul style="list-style-type: none"> <li>Accountant</li> <li>Tax Preparer</li> <li>Auditor</li> <li>Budget Analyst</li> </ul>
<b>Business Management</b>	Prepares students to plan, organize, direct & control the functions & processes of a firm or organization	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Bus. Management</li> <li>Accounting I</li> <li>Business Law</li> <li>Financial Literacy</li> <li>Bus. Principles</li> </ul>	A*S*K Exam: Entrepreneurship & Management  Business Management KOSSA	<ul style="list-style-type: none"> <li>Money Mgr.</li> <li>Account Mgr.</li> <li>Real Estate Agent</li> <li>Insurance Agent</li> <li>Gen. Manager</li> </ul>
<b>Business Multimedia</b>	Prepares students to function in an organization as a composer, editor & proof-reader of business or related communications	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Multimedia &amp; Graphic Design</li> <li>Adv. Multimedia</li> <li>Web Page Design</li> <li>Digital Literacy II</li> </ul>	IC <sup>3</sup> **  Adobe Certified Associate: Photoshop	<ul style="list-style-type: none"> <li>Graphic Design</li> <li>PR Director</li> <li>Desktop Publisher</li> <li>Proofreader</li> <li>Web Designer</li> </ul>
<b>Business Technology</b>	Prepares individuals to provide basic administrative support under the supervisions of office personnel	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Multimedia &amp; Graphic Design</li> <li>Web Page Design</li> <li>Bus. Management</li> <li>Accounting I</li> <li>Financial Literacy</li> <li>Digital Literacy II</li> </ul>	A*S*K Exam: Fundamental Business Concepts	<ul style="list-style-type: none"> <li>Data Entry Clear</li> <li>Telephone Operator</li> <li>Receptionist</li> <li>Information Clerk</li> </ul>
<b>Information Processing</b>	Prepares students to support business information operations by using computer equipment to enter, process, & retrieve data for a variety of purposes	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Digital Literacy II</li> <li>Multimedia &amp; Graphic Design</li> <li>Accounting I</li> <li>Financial Literacy</li> </ul>	IC <sup>3</sup> **  Administrative Support KOSSA**	<ul style="list-style-type: none"> <li>Receptionist</li> <li>Data Entry</li> <li>Bill &amp; Account Collector</li> <li>Insurance Adjuster</li> <li>Administrative Assistant</li> </ul>
<b>Web Design for Business and E-Commerce*</b>	Prepares students to plan, manage, supervise, and market electronic business operations online.	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Multimedia &amp; Graphic Design</li> <li>Web Page Design</li> <li>Adv. Multimedia</li> </ul>	IC <sup>3</sup> **  Communications KOSSA	<ul style="list-style-type: none"> <li>E-business consultant</li> <li>Website designer</li> <li>Social media consultant</li> </ul>

## Area Technology Center Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Automotive Technology</b>	Prepares students to apply technical knowledge & skills to repair, service, & maintain all types of automobiles	<ul style="list-style-type: none"> <li>Automotive Maint. &amp; Light Repair A &amp; Lab</li> <li>Automotive Maint. &amp; Light Repair B &amp; Lab</li> <li>Automotive Maint. &amp; Light Repair C &amp; Lab</li> <li>Automotive Maint. &amp; Light Repair D &amp; Lab</li> </ul>	ASE Student Certification: Maintenance and Light Repair  Transportation KOSSA	<ul style="list-style-type: none"> <li>Auto Technician</li> <li>Service Advisor</li> <li>Dispatcher</li> <li>Auto Sales Rep</li> </ul>
<b>Construction Technology</b>	Prepares students to apply technical knowledge & skills to layout, cut, fabricate, erect, install, & repair wooden structures & fixtures, using hand & power tools.	<ul style="list-style-type: none"> <li>Introduction to Const. Carpentry &amp; Industrial Safety**</li> <li>Floor/Wall Framing**</li> <li>Ceiling/Roof Framing**</li> <li>Exterior/Interior Finish**</li> <li>Site Layout &amp; Foundations**</li> </ul>	NCCER: Carpentry  Construction KOSSA	<ul style="list-style-type: none"> <li>Carpenter</li> <li>Construction Laborer</li> <li>Construction Manager</li> <li>Drywall Installer</li> <li>Flooring Installer</li> </ul>
<b>Computer Programming (Offered through Skype)</b>	Prepares students to design, create, & troubleshoot the latest programming languages used in industry	<ul style="list-style-type: none"> <li>Digital Literacy</li> <li>Computational Thinking**</li> <li>C++1**</li> <li>JavaScript**</li> </ul>	Programming KOSSA  CompTIA	<ul style="list-style-type: none"> <li>Computer Programmer</li> <li>Software Developer</li> <li>Computer Engineer</li> </ul>
<b>Health Sciences: Pre-Nursing</b>	Prepares students for admission to a professional program in Nursing	<ul style="list-style-type: none"> <li>Intro to Nursing and Health Care**</li> <li>Medical Term/ Emergency Procedures**</li> <li>Medicaid Nurse Aid</li> <li>Health Sciences Anatomy &amp; Phys.</li> </ul>	Student Reg. Nurse Anesthetist (SRNA)  Allied Health KOSSA	<ul style="list-style-type: none"> <li>Nurse</li> <li>Nurse Practitioner</li> <li>Nursing Asst.</li> <li>Physician's Assistant</li> <li>Doctor</li> </ul>
<b>Information Technology</b>	Prepares students to learn new administration support skills or upgrade existing computer information systems skills	<ul style="list-style-type: none"> <li>Computer Literacy**</li> <li>Computer Hardware &amp; Software**</li> <li>Cisco Net. I**</li> <li>Cisco Net. II**</li> </ul>	CompTIA  Networking KOSSA	<ul style="list-style-type: none"> <li>Cisco Network Administrator</li> <li>Cisco Engineer</li> <li>Cisco System Administrator</li> <li>Quality Assur. Analyst</li> </ul>
<b>Welding</b>	Prepares students to assist lead welders in the fabrication of steel and metal structures	<ul style="list-style-type: none"> <li>Oxy-Fuel Systems**</li> <li>Shielded Metal Arc Weld**</li> <li>Blueprint Reading for Weld**</li> <li>Gas Metal Arc Weld**</li> </ul>	American Welding Society SENSE (AWS)  Manufacturing KOSSA	<ul style="list-style-type: none"> <li>Welder</li> <li>Ironworker</li> <li>Inspector</li> <li>Welding Engineer</li> </ul>

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