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GOALS



Ritenour School District

Career Planning Guide



Dear Parents and Students:

This Career and Educational Planning Guide is intended to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. We urge students and parents to work with the school faculty to review the information in this book in preparation for creating the students' personal plan of study. Each year you will annually revisit the student's personal plan of study. The personal plan of study is the student's unique plan of study that outlines courses that align with future education and career goals. When students see the relevancy of high school course work to what they aspire to do in their future, they are more apt to take school more seriously and enroll in more rigorous courses. Remember, course selection is very important and schedule changes can be very difficult.

Parents, please familiarize yourself with the abundance of information in this book and actively participate with your school and student in creating and reviewing your child's personal plan of study. Students rank parents as the most influential people in their lives. Challenge your students to set high standards, to select courses and school activities that directly help them achieve personal and career goals, to work hard to achieve these goals and to attend classes daily. Embrace the power of your influence and genuinely engage in educational pursuits with your child(ren).

We look forward to partnering with you for a successful year. Please don't hesitate to contact us if we can be of any assistance.

Sincerely,

Ritenour School District Guidance Counselors

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Mission

The mission of Ritenour School District is to ensure learning occurs in a supportive environment that enables every student to think critically, solve problems and develop the knowledge and skills necessary for success in our diverse, global society.

Vision

Ritenour School District, in partnership with parents and community, will develop leaders recognized for academic excellence and produce graduates who will become productive citizens and lead lives of personal integrity and fulfillment.

Core Values

We expect our words and actions to be determined by:

- Focusing on students first
- Having high expectations for ALL students and staff
- Caring about and respecting students, parents and staff
- Treating each other with dignity and respect
- Working together and supporting each other
- Being open and ethical
- Mastering the details
- Being leaders in our field
- Striving for excellence in all that we do
- Acting and speaking with pride as members of the Ritenour family

Strategic Performance Areas

Student Achievement—Educate all students to their highest capacities of academic and physical ability, personal growth and civic responsibility.

Personnel and Staff Development—Employ the most capable personnel available for all positions, motivate them to perform at their best, and support ongoing in-service to maximize employees' continuing growth, currency of training and effectiveness.

Community Services—Inform, involve, respond to and serve the Ritenour communities and citizens, seek their participation in lifelong learning programs, and obtain their strong support of the district's mission.

Business and Finance—Obtain, manage and expend funds to ensure the necessary resources to accomplish the district's mission and goals at a level consistent with the citizenry's commitment and support.

School Facilities—Provide and maintain safe, comfortable, functional facilities that enhance programs designed to accomplish the district's mission and goals.

Governance and Administration—Provide the leadership, management, policies and procedures which unite all employees into one team working together to achieve the district's mission of educational excellence.

Schedule Planning Guidelines

The Ritenour School District secondary schools offer a balanced program of required and elective subjects designed to prepare students to satisfy their personal and social needs as well as to meet the economic, civic and social demands of the complex world today.

Some subjects are required of all pupils in the secondary schools. These are subjects that provide basic understandings, knowledge, skills and attitudes that are the foundation of our social, civic and economic life. These constitute the base of the educational program essential for all pupils.

Electives are purposeful courses that support a student's career pathway by capitalizing on their strengths, interests and abilities. The elective program, like the required program, contributes to the general education of pupils, enriching the educational experience and strengthening self-confidence and poise through satisfying academic achievement.

Sound guidance in planning your program of studies is essential in both middle school and high school. Career planning is an important part of charting your future. One component of this process is the development of a six-year High School Graduation Plan, beginning with an eighth-grade checklist and ending with post-secondary plans. A six-year High School Graduation Plan can help you to focus on the connection between coursework and career goals after high school. Among the elective subjects, select those that will contribute most to the satisfaction of your personal goals.

Guidance Counseling Service

Guidance counselors can help make certain that you have all the credits in the proper areas needed for graduation. Please go over course selections each year with your parents and counselor so you can be sure you will be ready to graduate.

Students are encouraged to become acquainted with their counselor. Time will be made available for you to meet with your counselor as needed.

For information on how to see your counselor, check with the secretary in the guidance counseling office.

Your guidance counselor can assist you by:

- Making sure all requirements for graduation are included in your schedule.
- Helping in the selection of courses to be taken to meet your educational objectives and ensuring that your schedule allows the taking of these courses.
- Discussing, in confidence, any personal problems and helping to identify possible solutions.
- Helping you plan for a career.
- Helping you select a college and apply to that college.
- Administering standardized tests and helping you interpret the results.
- Helping you investigate job possibilities.

FIND YOUR FUTURE IN CAREER PATHS & CAREER CLUSTERS

Science, Technology, Engineering and Mathematics

Engineering and Technology
Science and Math

Architecture and Construction

Design and Pre-Construction
Construction
Maintenance and Operations

Manufacturing

Production
Manufacturing Production Process Development
Maintenance, Installation and Repair
Quality Assurance
Logistics and Inventory Control
Health, Safety and Environmental Assurance

Transportation, Distribution and Logistics

Transportation Operations
Logistics, Planning and Management Services
Warehousing and Distribution Center Operations
Facility and Mobile Equipment Maintenance
Transportation Systems and Infrastructure
Planning, Management and Regulation
Health, Safety and Environmental Management
Sales and Services

Human Services

Early Childhood Development and Services
Counseling and Mental Health Services
Family and Community Services
Personal Care Services
Consumer Services

Hospitality and Tourism

Restaurants and Food and Beverage Services
Recreation, Amusement and Attractions
Travel and Tourism
Lodging

Government and Public Administration

Public Management and Administration
Governance
National Security
Foreign Service
Planning
Revenue and Taxation
Regulation

Law, Public Safety, Corrections and Security

Correction Services
Emergency and Fire Management Services
Security and Protective Services
Law Enforcement Services
Legal Services

Education and Training

Administration and Administrative Support
Professional Support Services
Teaching and Training

Health Science

Biotechnology Research and Development
Therapeutic Services
Diagnostics Services
Health Informatics
Support Services

Industrial & Engineering Technology

Building & Fixing Path

Human Services

Helping Path

Health Services

Health Path

Essential Knowledge & Skills

Academic Foundations
Ethics & Legal Responsibilities
Systems Leadership & Teamwork
Informational Technology Applications
Employability & Career Development
Problem Solving & Critical Thinking
Safety, Health & Environmental
Communications
Technical Skills

Arts & Communication

Creative Path

Natural Resources Agriculture

Nature Path

Agriculture, Food and Natural Resources

Food Products and Processing Systems
Plant Systems
Animal Systems
Power, Structural and Technical Systems
Natural Resources and Environmental Systems
Agribusiness Systems

Arts, A/V Technology and Communications

Audio and Video Technology and Film
Printing Technology
Visual Arts
Performing Arts
Journalism and Broadcasting
Telecommunications

Business, Management & Technology

Business Path

Information Technology

Network Systems
Information Support and Services
Web and Digital Communications
Programming and Software Development

Finance

Accounting
Insurance
Banking Services
Business Finance
Securities and Investments

Marketing

Marketing Management
Marketing Communications
Marketing Research
Professional Sales
Merchandising

Business Management and Administration

General Management
Human Resources Management
Business Information Management
Administrative Support
Operations Management



MISSOURI Career Education
ESSENTIAL SKILLS FOR ALL STUDENTS
Department of Elementary and Secondary Education
Division of Career Education
P.O. Box 450
Jefferson City, MO 65102-0450
(573) 751-2660



MCCE
Missouri Center for Career Education



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What is a Personal Plan of Study?

A Personal Plan of Study is a document used by the Ritenour School District Guidance Department to help students organize, plan and develop goals for their future careers and postsecondary training. Without a plan, creating a seamless transition to post-secondary education and employment could be challenging. The Personal Plan of Study is designed around student interests, hobbies, experiences and six Career Paths. Each path has 16 clusters with a set of career pathways that link the students to specific careers. The Personal Plan of Study is meant for students to take ownership of their future plans with teachers, guidance counselors and parents acting as facilitators of the plan. The hope is that students will learn more through the process than planning for the future. The self-exploration, research and goal setting are tools to guide them through their future.

Who is involved in the Personal Plan of Study process?

- Students-creator and implementer of plan
- Guidance Counselors- use guidance curriculum lessons for instruction in career preparations, organize and analyze assessments related to careers, Missouri Connections, Explore and provide parents and students with opportunities to learn, understand and use Personal Plans of Study
- Parents-review plan with child, provide input, assist in post-secondary preparation
- Teachers-Guidance Counselors at the secondary level review process with teachers on an annual basis to guide in support of students

What are some of the resources or tools used to create a Personal Plan of Study?

- Individual Student Folders-elementary school beginning in grade K
- Individual On-line Student Portfolios using Missouri Connections-grades 6-12
- MissouriConnections.org
- Missouri Comprehensive Guidance Curriculum lessons and activities
- Explore, ASPIRE, Compass, ASVAB,PSAT and ACT Tests
- Junior Achievement
- Guidance Curriculum Lessons
- Transition Activities
- Career Fairs and Speakers
- College and Career Counseling Department at Ritenour High School
- Missouri College Advising Core

How can a parent, student or teacher access the Personal Plan of Study?

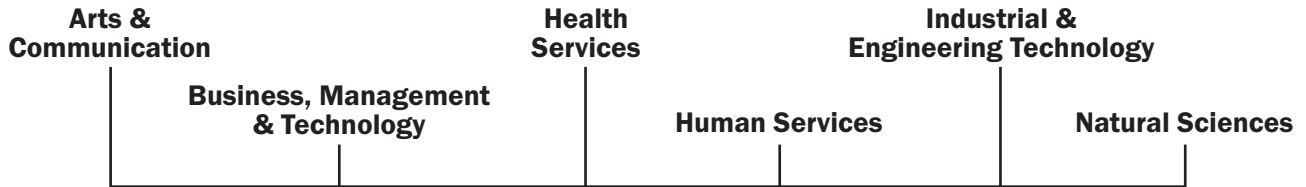
Personal Plans of Study for elementary children are maintained by the building counselor and kept in individual student files. Parents, teachers and students can request to review the information with their child. Children in the fifth grade will review their file with their counselor prior to transitioning to middle school. Parents are able to view their child's folder at conferences.

Middle and High School Student files are maintained on the Missouri Connections website. Additionally, parents and students are given home access to Missouri Connections for individual student information. Middle to high transition events are an opportunity for parents to spend additional time with their child accessing the plan. Ritenour students are given access to their plans for an additional two years following graduation.

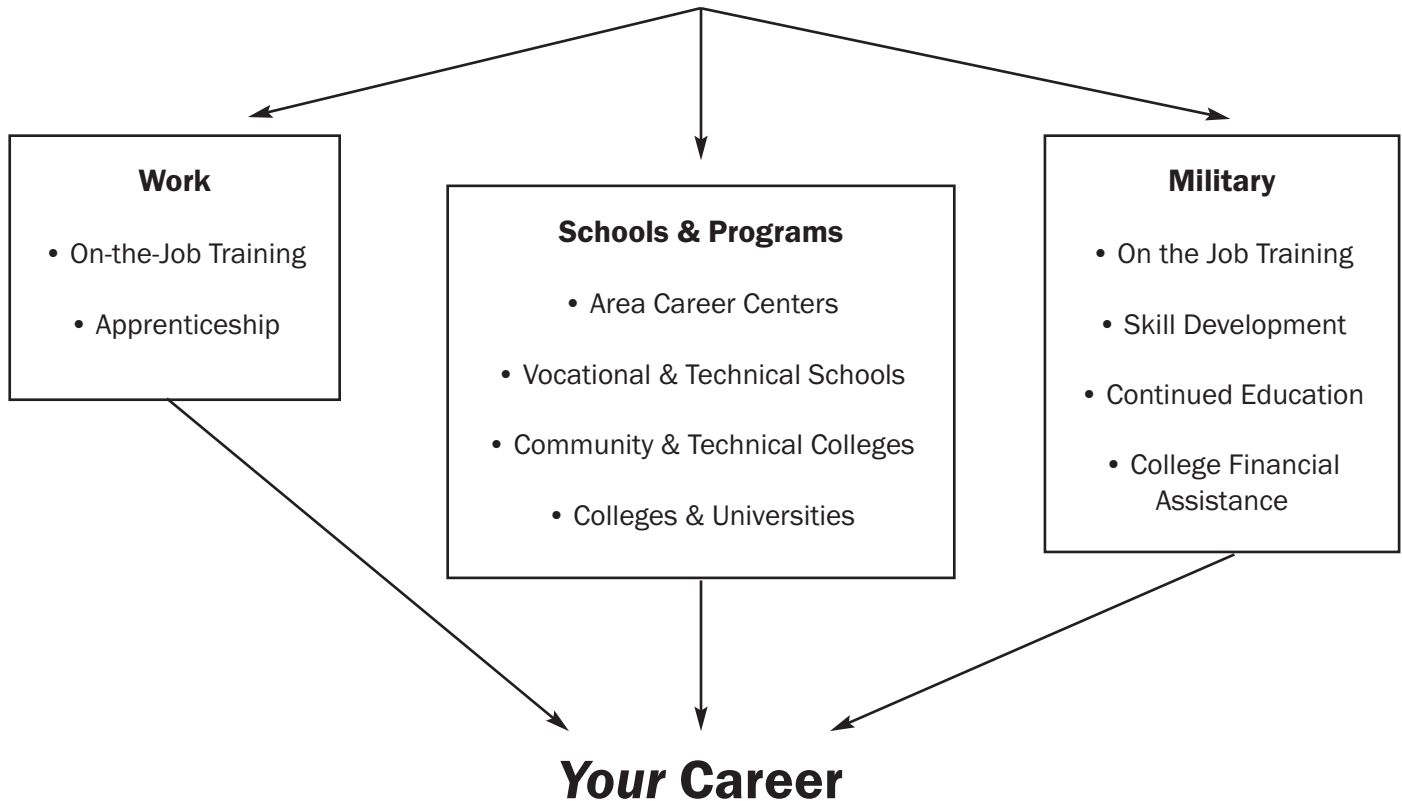
Career Preparation

High School

Develop your Personal Plan of Study
Select Career Path and Cluster



Options After High School



Career Pathways

What are Career Paths?

- A way to help students become aware of and explore careers in a logical and meaningful way.
- There are 6 career paths.

What are Career Clusters?

- A way of organizing occupations and careers to assist educators in tailoring rigorous coursework and related activities for all students.
- There are 16 Career Clusters within the 6 Career Paths.

What are Career Pathways?

- Groups of occupations/careers that are further grouped together to share commonalities such as skills sets or common roles.
- Each cluster contains two to seven Career Pathways.

What are the benefits of Career Paths, Clusters and Pathways?

- Provide a plan for all students, regardless of their interests, abilities, talents or levels of education.
- Provide all students with areas of focus, along with flexibility and a variety of ideas to pursue as they make decisions regarding course selection.
- Provide all students with an understanding of how their coursework is relevant and related to their career goals, thus increasing their classroom interest and achievement.
- Help parents and other adults better assist students as they discuss careers and select courses.

How can Parents and Other Adults Help?

- Help students identify interests, abilities, and talents by discussing strengths with them.
- Share information about careers and work experiences.
- Arrange for students to talk with people about careers that the student is interested in pursuing.

How Can Students Decide Which Career Path Best Fits Them?

- Students should start by thinking about themselves and their interests and strengths.
- Consider the possible careers in each path.
- Decide which career path best fits their interests and strengths.
- Select courses that are related to their career path.

What if Students Change Their Minds?

- A career path choice is not a permanent commitment.
- As students have new experiences, they learn new things about themselves and many change career paths. If they decide on a new career path, they can discuss it with their counselors and adjust future course selections accordingly.

Educational Options After High School

ON-THE-JOB TRAINING	Some occupations do not require training prior to employment; rather additional training and skills required beyond high school are provided by the employer. Examples include laborers in agriculture, fast foods, construction, retail stores and services.
APPRENTICESHIP	Apprenticeship is a three- to four-year training program where you earn money while you learn, working on the job. You receive a license at the end of training. Examples of trades that use apprenticeships are Bricklayer, Electrician, Floor Layer, Iron Worker, Operating Engineer, Painter and Pipe Fitter.
AREA CAREER CENTERS	Area Career Centers provide career and technical education and training for both high students and adults. Specialized programs lead to certification, accreditation or licensure in desired fields such as Automotive Technology, Culinary Arts, Cosmetology, Health and Senior Services, Nursing and Business.
VOCATIONAL & TECHNICAL SCHOOL	These Proprietary Schools are different than Area Career Centers. They offer specialized programs that may last from one month to four years in length. Programs include: practical nursing, robotics, truck driving, cosmetology, and some areas of business and dental careers. Enrollment requirements are unique to each institution.
COMMUNITY & TECHNICAL COLLEGE	Community and Technical Colleges serve the diverse learning, workforce and economic development of their communities. Two-year “degree” vocational training, associate degrees, or credit transfer to a college or university where you can pursue a bachelor’s degree are offered. Most community colleges have an open enrollment policy for high school graduates and individuals with GEDs.
COLLEGE & UNIVERSITY	A bachelor’s degree typically requires four years to complete. A master’s degree usually requires one to two years beyond the bachelor’s degree. Entrance requirements depend on the desired program, major and school.
MILITARY	The armed forces provide training for almost every job available in the private sector. Continuing education is expected. Multiple options are provided to continue your education during and after your enlistment. High school graduation is required. Military academies like West Point or University ROTC are also options.

Refer to missouriconnections.org for more information about these options.

Post-Secondary Planning Checklist—Freshman Year

Task to Be Completed	Deadline	Date Completed	Notes
Choose classes according to four-year plan	August-Sept.		
Choose extracurricular activities	August		
Consider post-graduate career college plans	Sept.-ongoing		
Consider post-graduate career, college financial need, (i.e. start savings plan)	Sept.-ongoing		
Complete interest inventory with counselor	Sept.-March		
Begin student portfolio with counselor	Sept.-ongoing		

Post-Secondary Planning Checklist—Sophomore Year

Task to Be Completed	Deadline	Date Completed	Notes
Go to MissouriConnections.org to begin scouting career college placements	Sept.-ongoing		
Continue to feed career-college savings fund	Sept.-ongoing		
Take PSAT or ASPIRE, practice versions of SAT, ACT	October		
Take career exploration program	October		
Check to see if you need to take SAT II's in biology, chemistry, or American history in May or June.	October		

Two/Four-Year College or Career/Technical School—Junior Year

Task to Be Completed	Deadline	Date Completed	Notes
Meet with counselor	September		
Register for the PSAT	September		
Meet with college representatives who visit your school	Sept./Oct.		
Attend a local college fair	Sept./Oct.		
Take the PSAT	October		
Develop a personal resumé	Oct./Nov.		
Review PSAT	December		
Register for spring ACT test	March		
Take the spring ACT test and/or SAT	May		
Begin receiving mail from colleges	April		
Plan to visit college campuses	June/July/Aug		

Post-Secondary Employment/Military

Review Careers	Checklist	Notes
Take the ASVAB		
Meet with career representatives who visit your school		
Use MissouriConnections.org online program to determine “best fit” careers		
Use Career Quarterly to explore careers more thoroughly and to learn about related careers.		
Consider a summer job or internship in your chosen career area		

Two/Four-Year College or Career/Technical School—Senior Year

Task to Be Completed	Deadline	Date Completed	Notes
Register to take the October ACT	September		
Register to take the November SAT I	September		
Register to take the December/January SAT II	September		
Review your list of top colleges with your guidance counselor and parents	September		
Start submitting applications	Sept.–Dec.		
Take the October ACT	October		
File FAFSA	After Jan. 1		
Submit enrollment deposit	May		
Send thank you notes	As necessary		
Accept/Reject in writing all offers	May 1		

Post-Secondary Employment/Military

	Checklist	Notes
Meet with career reps who visit your school		
Use MissouriConnections.org online program to refine career choices		
Develop a resume		
Do an internship (paid or unpaid) in your chosen area		
Review occupational choices with guidance counselor		

Career Clusters Program

“What do you want to do after high school?” That is a question that is asked of our students a multitude of times over the course of their public school education. It’s a question that is not easily answered, due to the enormous number of possible post-secondary alternatives that are currently available to our students. Technological advances and global competition have transformed the nature of both education and work. Tomorrow’s jobs will require more knowledge and training, highly developed 21st Century Skills, technological skills and more flexible workers than ever before. Our students need to be prepared for, and informed of, the reality of several job and career changes over the course of their lifetimes. They need to understand that they will have to continually update their knowledge and skills, which may require additional training and/or education.

The Ritenour School District offers a wide array of courses and experiences to its students. As students review course offerings and activities, we hope to guide them in choosing coursework and experiences that are relevant to their future goals.

In planning for post-secondary goals, students should start with examining where their own interests and talents lie. This can be accomplished in many different ways within the school district; researching middle and high school classes of interest, taking interest and skill inventories, participating in career fairs offered, and taking advantage of the many extra-curricular and enrichment activities available. The school district uses the Missouri Connections online program (www.missouriconnections.org) for interest assessments and to explore the variety of options students have beyond high school.

Using the results of career assessments students create their personal plan of study for their high school years and beyond. School counselors, teachers and other district personnel, are available to guide students and parents in this important planning process. The planning process is critical to not only meeting graduation requirements, but also to taking the coursework that will ultimately lead to a successful post-secondary transition.

The following program of study templates, serve as a guide, along with other career planning materials, to help students develop their personal plans of study. Courses listed within these program of study templates are recommended coursework only and should be individualized to meet each learner’s educational and career goals.

Arts and Communication

Creative Path



Are you...

Creative, Imaginative, Innovative,
Original, Good at Communicating Ideas?

Career Cluster(s):

Career Cluster	Description
Arts, A/V Technology and Communications	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Possible Careers:

- Communications Occupations
- Performing Arts Occupations
- Visual Arts Occupations
- Computer Engineers
- Audio Visual Engineers

See page 23 for the **Arts, A/V Technology and Communications Career Plan**

Business, Management and Technology

Business Path



Are you able to...

Lead, Organize, Plan Activities for Others,
Talk with People, Work with Numbers or Ideas,
Carry Through with an Idea, Anticipate what is Expected?



Career Cluster(s):

Career Cluster	Description
Information Technology	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
Marketing, Sales and Service	Planning, managing, and performing marketing activities to reach organizational objectives.
Business, Management and Administration	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
Finance	Planning, services for financial and investment planning, banking, insurance, and business financial management.

Possible Careers:

Executive, Administrative and Managerial Occupations
Marketing and Sales Occupations
Administrative Support Occupations, Including Clerical
Computer, Mathematical and Operations Research Occupations
Computer Engineers

See page 25 for the **Information Technology Career Plan**

See page 27 for the **Marketing, Sales and Service Career Plan**

See page 29 for the **Business, Management and Administration Career Plan**

See page 31 for the **Finance Career Plan**

Health Services

Health Path



Are you interested in...

Helping people get/stay well, How the Body Works,
Observing and Noting Changes in Patients?



Career Cluster(s):

Career Cluster	Description
<p>Health Science</p>	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>

Possible Careers:

- Health Services Occupations
- Health Assessment and Treating Occupations
- Health Diagnosing Practitioners
- Health Technologists and Technicians
- Biomedical Engineering

See page 33 for the **Health Science Career Plan**

Human Services/Transportation

Helping Path



Are you...

Friendly, Open and Outgoing,
Understanding and Cooperative, Good at Solving Problems,
Interested in Making Things Better for Others?



Career Cluster(s):

Career Cluster	Description
Human Services	Preparing individuals for employment in career pathways that relate to families and human needs.
Hospitality and Tourism	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
Government and Public Administration	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
Law, Public Safety, Corrections and Security	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
Education and Training	Planning, managing and providing education and training services, and related learning support services.

Possible Careers:

Legal Careers
Religious Occupations
Educational Occupations
Protective Service Occupations
Food and Beverage Preparation and Service Occupations
Social and Recreational Occupations
Personal, Building, and Ground Service Occupations
Civil Engineers

See page 35 for the **Human Services Career Plan**

See page 37 for the **Hospitality and Tourism Career Plan**

See page 39 for the **Government and Public Administration Career Plan**

See page 41 for the **Law, Public Safety, Corrections and Security Career Plan**

See page 43 for the **Education and Training Career Plan**

Industrial and Engineering Technology

Building and Fixing Path



Are you interested in...

Mechanically Inclined, Practical, Good with Your Hands,
 Good at Building Things,
 Interested in Knowing How Things Work?

Career Cluster(s):

Career Cluster	Description
Manufacturing	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
Transportation, Distribution and Logistics	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.
Science, Technology, Engineering and Mathematics	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
Architecture and Construction	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Possible Careers:

- Engineers
- Architects and Surveyors
- Plant and Systems Operators
- Construction Trades Occupations
- Mechanics, Installers and Repairers
- Metalworking and Plastics-Working
- Printing Occupations

See page 45 for the **Manufacturing Career Plan**

See page 47 for the **Transportation, Distribution and Logistics Career Plan**

See page 49 for the **Science, Technology, Engineering and Mathematics Career Plan**

See page 51 for the **Architecture and Construction Career Plan**

Health Services

Health Path



Are you interested in...

Helping people get/stay well, How the Body Works,
Observing and Noting Changes in Patients?



Career Cluster(s):

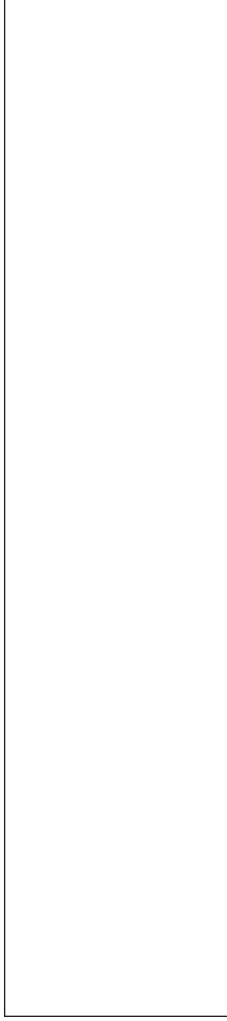
Career Cluster	Description
Agriculture, Food and Natural Resources	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Possible Careers:

Food Scientist
 Botanist
 Veterinarian
 Agricultural Engineer
 Livestock Buyers/Seller
 Forest, Fisheries or Mining Engineer or Technician
 Hazardous Materials Handler

See page 53 for the **Agriculture, Food and Natural Resources Career Plan**

Ritenour High School Educational Career Plan



Career Path: **Arts & Communication**

Career Cluster: **Arts, A/V Technology and Communications**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives			
Audio & Video Technology & Film	Introduction to Media Convergence	Web Graphics Digital Photography Video Production 1	Web Page Design Adv Digital Photography Video Production 2
			Web Page Design II Video Production 3

Career Pathways & Suggested Electives (Continued)

Visual Arts	<p>Ceramics Computer Art Painting Computer Illustrations Computer Imaging Design</p>	<p>Drawing Graphics Painting Sculpture Web Graphics Art History</p>	<p>Computer Imaging II Adv. Digital Photography Adv. Painting Ceramics II Portfolio Development</p>	<p>Adv. Digital Photography Adv. Painting Ceramics II Portfolio Development</p>
Journalism & Broadcasting	<p>Microcomputer Business Applications Intro to Media Convergence Print News I Radio I Video Production I Yearbook I</p>	<p>Print News 2 Radio 2 Video Production 2 Yearbook I</p>	<p>Creative Writing Web Page Design Print News 3 Radio 2 Video Production 3 Yearbook I</p>	<p>Current Issues Print News 3 Radio 2 Video Production 3 Yearbook I Psychology</p>
Performing Arts	<p>Drama Music Technology Concert Band Symphonia Glee Women's Chorus</p>	<p>Drama 2 Electronic Guitar Concert Band Jazz Band I Chamber Orchestra A Capella Choir Adv. Women's Chorus I</p>	<p>Stagecraft Theory & Harmony I Symphonic Band Jazz Band II Chamber Wind Ensemble I Symphonic Orchestra Chamber Singers I</p>	<p>Adv. Drama Theory & Harmony II Symphonic Band Jazz Band II Chamber Wind Ensemble II Symphonic Orchestra Chamber Singers II</p>

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Commercial Art <input type="checkbox"/> Drafting <input type="checkbox"/> Electronic Desktop Publishing <input type="checkbox"/> Graphic Communication <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications	<input type="checkbox"/> Desktop Publishing <input type="checkbox"/> Graphic Design <input type="checkbox"/> Music Performance <input type="checkbox"/> Printing Technology <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications <input type="checkbox"/> Technical Theater/Stagecraft <input type="checkbox"/> Theater Performance	<input type="checkbox"/> Art History <input type="checkbox"/> Education <input type="checkbox"/> Fashion Design <input type="checkbox"/> Journalism <input type="checkbox"/> Music <input type="checkbox"/> Stage Management <input type="checkbox"/> Technical Theater <input type="checkbox"/> Theater Performance	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

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Career Path: **Business, Management & Technology**

Career Cluster: **Information Technology**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see <i>course handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see <i>course handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives

Network Systems	Pathway	Suggested Electives
Microcomputer Business Applications	Advanced Microcomputer Business Applications Intro. To Computer Science Web Page Design *North County Technical High School Networking Academy	AP Computer Science Web Design 2 *North County Technical High School CISCO Networking Academy
		Information Technology Capstone *North County Technical High School CISCO Networking Academy

Career Pathways & Suggested Electives (Continued)

Web & Digital Communications	Microcomputer Business Applications	Advanced Microcomputer Business Applications Web Page Design Web Graphics *North County Technical High School Web & Computer Programming Program	Web Design 2 Flash/Action Script *North County Technical High School Web & Computer Programming Program	Information Technology Capstone *North County Technical High School Web & Computer Programming Program
Programming & Software Development	Microcomputer Business Applications	Advanced Microcomputer Business Applications Intro. To Computer Science Web Page Design *North County Technical High School Web & Computer Programming Program	AP Computer Science Web Design 2 Flash/Action Script *North County Technical High School Web & Computer Programming Program	Information Technology Capstone *North County Technical High School Web & Computer Programming Program
Information Support & Systems	Microcomputer Business Applications	Advanced Microcomputer Business Applications Intro. To Computer Science Web Page Design	AP Computer Science Web Design 2	Information Technology Capstone

Postsecondary	Career Training	Community College	College/University	Other
<input type="checkbox"/> Business and Computer Technology <input type="checkbox"/> Cyber Security <input type="checkbox"/> E-Commerce and Web Services <input type="checkbox"/> Information Services <input type="checkbox"/> Network Services	<input type="checkbox"/> Computer Information Systems <input type="checkbox"/> Computer Programming <input type="checkbox"/> Interactive Digital Media <input type="checkbox"/> Network Design <input type="checkbox"/> Office Technology Systems <input type="checkbox"/> Web Design	<input type="checkbox"/> Computer Information Systems <input type="checkbox"/> Computer Networking <input type="checkbox"/> Computer Science <input type="checkbox"/> E-Commerce <input type="checkbox"/> Education <input type="checkbox"/> Management Information Systems	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training	

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

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Career Path: **Business, Management & Technology**

Career Cluster: **Marketing, Sales and Service**

High School	Ninth Grade		Tenth Grade		Eleventh Grade		Twelfth Grade*	
	English 9	Algebra I or Geometry	Physical Science (Physics First) or Biology I	English 10	Geometry or Algebra II	English 11	Algebra II or Algebra III with Trig, or Statistics	English 12
				Biology I or Chemistry I		Chemistry or Physics		Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
				Western Civilization & American History I		American History 2 & 3		Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
				PE/ Fine Arts		Government		Personal Finance
				Health/Practical Arts		Career Major Elective		Career Major Elective
				Additional Coursework Foreign Language or Computer Technology		Career Major Elective		Career Major Elective

Career Pathways & Suggested Electives			
Marketing Management	Microcomputer Business Applications Business Management	Advanced Microcomputer Business Applications Marketing I Accounting I Business Law Entrepreneurship Business & Commerce in a Global Economy	Accounting II Writing in the Workplace Advertising and Promotion Salesmanship Marketing II
			Business, Management and Administration Capstone Marketing, Sales and Service Capstone

Career Pathways & Suggested Electives (Continued)

<p>Professional Sales</p>	<p>Microcomputer Business Applications Business Management</p>	<p>Advanced Microcomputer Business Applications Marketing I Accounting I Business Law Entrepreneurship Business & Commerce in a Global Economy</p>	<p>Accounting II Writing in the Workplace Salesmanship Advertising and Promotion Marketing II Psychology Sociology</p>	<p>Marketing, Sales and Service Capstone Supervised Marketing Employment/Internship</p>
<p>Merchandising</p>	<p>Microcomputer Business Applications Business Management Focus on Design</p>	<p>Advanced Microcomputer Business Applications Marketing I Accounting I Business Law Entrepreneurship Business & Commerce in a Global Economy Fashion Design</p>	<p>Accounting II Writing in the Workplace Advertising and Promotion Salesmanship Marketing II</p>	<p>Marketing, Sales and Service Capstone Supervised Marketing Employment/Internship</p>
<p>Marketing Research</p>	<p>Microcomputer Business Applications Business Management</p>	<p>Advanced Microcomputer Business Applications Marketing I Accounting I Business Law Entrepreneurship Business & Commerce in a Global Economy</p>	<p>Accounting II Writing in the workplace Advertising and Promotion Salesmanship Marketing II Psychology Sociology</p>	<p>Marketing, Sales and Service Capstone Supervised Marketing Employment/Internship</p>

<p>Postsecondary</p>	<p>Career Training</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fashion Merchandising <input type="checkbox"/> Marketing Management 	<p>Community College</p> <ul style="list-style-type: none"> <input type="checkbox"/> Customer Service <input type="checkbox"/> Entrepreneurship <input type="checkbox"/> Marketing Management <input type="checkbox"/> Retail Management 	<p>College/University</p> <ul style="list-style-type: none"> <input type="checkbox"/> Advertising <input type="checkbox"/> E-Commerce <input type="checkbox"/> Education <input type="checkbox"/> International Marketing <input type="checkbox"/> Management Information Systems <input type="checkbox"/> Marketing <input type="checkbox"/> Public Relations 	<p>Other</p> <ul style="list-style-type: none"> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
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*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Business, Management & Technology**

Career Cluster: **Business Management & Administration**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives

General Management	Microcomputer Business Applications Intro to Communications	Advanced Microcomputer Business Applications Business Management Marketing I	Accounting I Business Law Business & Commerce in a Global Economy Marketing II Psychology	Accounting II Business Administration Capstone Writing in the Workplace Marketing II Marketing, Sales & Service Capstone

Career Pathways & Suggested Electives (Continued)

Human Resources Management	Microcomputer Business Applications Intro to Communications	Advanced Microcomputer Business Applications Print News I	Business Law Psychology Web Page Design I	Accounting I Salesmanship Web Page Design II
Business Information Management	Microcomputer Business Applications	Advanced Microcomputer Business Applications Intro to Communications	Intro to Computer Science Business Law	AP Computer Science Information Technology Capstone Business & Commerce in a Global Economy
Administrative Support	Microcomputer Business Applications Intro to Communications	Advanced Microcomputer Business Applications Print News I	Web Page Design I Business Management	Web Page Design II Accounting I Flash/Action Script Psychology
Operations Management	Microcomputer Business Applications Intro to Communications	Advanced Microcomputer Business Applications Business Management	Business Law Psychology Business & Commerce in a Global Economy	Business & Commerce in a Global Economy Business Administration Capstone Marketing, Sales & Service Capstone Accounting I

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Commercial Art <input type="checkbox"/> Drafting <input type="checkbox"/> Electronic Desktop Publishing <input type="checkbox"/> Graphic Communication <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications	<input type="checkbox"/> Desktop Publishing <input type="checkbox"/> Graphic Design <input type="checkbox"/> Music Performance <input type="checkbox"/> Printing Technology <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications <input type="checkbox"/> Technical Theater/Stagecraft <input type="checkbox"/> Theater Performance	<input type="checkbox"/> Art History <input type="checkbox"/> Education <input type="checkbox"/> Fashion Design <input type="checkbox"/> Journalism <input type="checkbox"/> Music <input type="checkbox"/> Stage Management <input type="checkbox"/> Technical Theater <input type="checkbox"/> Theater Performance	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Business, Management & Technology**

Career Cluster: **Finance**

		High School			
		Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
	English 9	English 10	English 11	English 12	
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus	
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)	
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)	
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance	
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective	
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective	

Career Pathways & Suggested Electives			
Securities & Investments	Microcomputer Business Applications Business Management Intro to Communications	Psychology Business Law Accounting I	AP World History AP Statistics Current Issues Business & Commerce in a Global Economy

Career Pathways & Suggested Electives (Continued)

Business Finance	<p>Microcomputer Business Applications Business Management Intro to Communications</p>	<p>Psychology Business Law Accounting I *North County Technical High School Business & Financial Management Program</p>	<p>AP American History College Algebra Accounting II Economics Sociology *North County Technical High School Business & Financial Management Program</p>	<p>AP World History AP Statistics Current Issues Business & Commerce in a Global Economy *North County Technical High School Business & Financial Management Program</p>
Banking Services	<p>Microcomputer Business Applications Business Management Intro to Communications</p>	<p>Psychology Business Law Accounting I</p>	<p>College Algebra Accounting II Economics Sociology</p>	<p>Current Issues Business & Commerce in a Global Economy Business, Management, & Administration Capstone</p>
Insurance	<p>Microcomputer Business Applications Business Management Intro to Communications</p>	<p>Psychology Business Law Accounting I</p>	<p>College Algebra Accounting II Business & Commerce in a Global Economy Economics</p>	<p>AP Statistics Current Issues Business, Management, & Administration Capstone</p>
Accounting	<p>Microcomputer Business Applications Business Management</p>	<p>Microcomputer Business Applications II Business Law Accounting I</p>	<p>Accounting II Economics Writing in the Workplace</p>	<p>Business & Commerce in a Global Economy Business, Management, & Administration Capstone</p>

	Career Training	Community College	College/University	Other
Postsecondary	<ul style="list-style-type: none"> <input type="checkbox"/> Bank Teller <input type="checkbox"/> Billing Clerk <input type="checkbox"/> Cashier <input type="checkbox"/> Telemarketer 	<ul style="list-style-type: none"> <input type="checkbox"/> Bookkeeping <input type="checkbox"/> Tax Preparer <input type="checkbox"/> Insurance Agent 	<ul style="list-style-type: none"> <input type="checkbox"/> Financial Management <input type="checkbox"/> Accounting <input type="checkbox"/> Auditing <input type="checkbox"/> Actuarial Science <input type="checkbox"/> Budget Analyst <input type="checkbox"/> Financial Advising <input type="checkbox"/> Economist <input type="checkbox"/> Stockbroker 	<ul style="list-style-type: none"> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

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Career Path: **Health Services**

Career Cluster: **Health Science**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives		
Biotechnology Research & Development	Intro. to Engineering Design	Principles of Engineering Design
		Biotechnical Engineering Human Anatomy & Physiology
		Engineering Design and Development Independent Scientific Research **Advanced Science Course

Career Pathways & Suggested Electives (Continued)

Therapeutic Services	Health	*North County Technical High School Health Science Program	Human Anatomy & Physiology Psychology *North County Technical High School Health Science Program	*North County Technical High School Health Science Program AP Psychology **Advanced Science Course
Diagnostic Services	Health	*North County Technical High School Health Science Program	Human Anatomy & Physiology Psychology *North County Technical High School Health Science Program	*North County Technical High School Health Science Program AP Psychology **Advanced Science Course
Health Informatics	Microcomputer Business Applications Business Management	Advanced Microcomputer Business Applications Accounting I Entrepreneurship	Human Anatomy & Physiology Accounting II Business Law	Business, Management, and Administration Capstone
Support Services	Microcomputer Business Applications Business Management	Advanced Microcomputer Business Applications Accounting I Entrepreneurship	Human Anatomy & Physiology Psychology Accounting II Business Law	Business, Management, and Administration Capstone AP Psychology

		Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Dental Assistant <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Health Information Technology <input type="checkbox"/> Massage Therapy <input type="checkbox"/> Medical Laboratory Technician <input type="checkbox"/> Practical Nurse <input type="checkbox"/> Radiologic Technology <input type="checkbox"/> Surgical Technology	<input type="checkbox"/> Biotechnology <input type="checkbox"/> Dental Hygienist <input type="checkbox"/> Funeral Services <input type="checkbox"/> Occupational Therapy Assistant <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Physical Therapy Assistant <input type="checkbox"/> Registered Nurse <input type="checkbox"/> Respiratory Care <input type="checkbox"/> Radiologic Technology <input type="checkbox"/> Surgical Technology	<input type="checkbox"/> Athletic Trainer <input type="checkbox"/> Biologist <input type="checkbox"/> Dentist <input type="checkbox"/> Dietetics <input type="checkbox"/> Healthcare Administration <input type="checkbox"/> Pharmacist <input type="checkbox"/> Physical Therapist <input type="checkbox"/> Physician <input type="checkbox"/> Registered Nurse <input type="checkbox"/> Veterinary Science	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training	

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Human Services**

Career Cluster: **Human Services**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives			
Early Childhood Development & Services	Microcomputer Business Applications Child Development 1	Child Development 2 Nutrition and Food Safety *North County Technical High School Early Childhood Education Program	Psychology Intro to Communications Working with Preschool Children Education and the Art of Teaching *North County Technical High School Early Childhood Education Program
			Education and Training Capstone *North County Technical High School Early Childhood Education Program

Career Pathways & Suggested Electives (Continued)

Counseling & Mental Health Services	Microcomputer Business Applications	Child Development 1 Intro to Communications	Psychology Working with Pre-school Children Child Development 2	AP Psychology Sociology
Family & Community Services	Microcomputer Business Applications Child Development 1	Child Development 2 Nutrition & Food Safety Intro to Communications	Psychology Working with Preschool Children	AP Psychology Sociology Working with Preschool Children
Personal Care Services	Microcomputer Business Applications Child Development 1	Child Development 2 Intro to Communications	Psychology Working with Preschool Children	AP Psychology Sociology
Consumer Services	Microcomputer Business Applications Child Development 1	Child Development 2 Lifeguard Training Intro to Communications	Psychology Working with Preschool Children	AP Psychology Sociology

Postsecondary	Career Training	Community College	College/University	Other
	<input type="checkbox"/> Early Child Care and Education <input type="checkbox"/> Cosmetology <input type="checkbox"/> Health Certifications <input type="checkbox"/> Insurance Services	<input type="checkbox"/> Family Childhood Education <input type="checkbox"/> Mortuary Service <input type="checkbox"/> Psychology <input type="checkbox"/> Sociology <input type="checkbox"/> Sales & Customer Services	<input type="checkbox"/> Early Childhood Education <input type="checkbox"/> Education <input type="checkbox"/> Elementary Education <input type="checkbox"/> Industrial Organizational Psychology <input type="checkbox"/> Marriage & Family Counseling <input type="checkbox"/> Social Work <input type="checkbox"/> Sociology	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Human Services**

Career Cluster: **Hospitality & Tourism**

	Ninth Grade		Tenth Grade		Eleventh Grade		Twelfth Grade*	
High School	English 9	English 10	English 11	English 12	Algebra I or Geometry	Algebra II or Algebra III	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)	Social Studies 9	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective				

Career Pathways & Suggested Electives			
Restaurants, Food & Beverage Services	Microcomputer Business Applications Intro to Hospitality Nutrition and Food Safety Intro to Communication	Culinary Arts 1 World Foods *North County Technical High School Culinary Arts Program	Culinary Arts 2 *North County Technical High School Culinary Arts Program
		Culinary Arts Capstone *North County Technical High School Culinary Arts Program	

Career Pathways & Suggested Electives (Continued)

Recreation, Amusement & Attractions	Microcomputer Business Applications	Child Development Lifeguard Training Business Management Intro to Communication *North County Technical High School Hospitality, Tourism, & Event Planning Program	Child Development Psychology Business Law *North County Technical High School Hospitality, Tourism, & Event Planning Program	Sociology *North County Technical High School Hospitality, Tourism, & Event Planning Program
Travel & Tourism	Microcomputer Business Applications Business Management	Business Law Intro to Communication *North County Technical High School Hospitality, Tourism, & Event Planning Program	Advanced American History Marketing I Web Page Design *North County Technical High School Hospitality, Tourism, & Event Planning Program	AP American History Sociology Marketing II *North County Technical High School Hospitality, Tourism, & Event Planning Program

Postsecondary	Career Training <input type="checkbox"/> Culinary Arts <input type="checkbox"/> Food Services I and II <input type="checkbox"/> Hospitality Careers I and II <input type="checkbox"/> Pro Start	Community College <input type="checkbox"/> Culinary Arts/Chef Training <input type="checkbox"/> Hotel, Motel, Restaurant Management <input type="checkbox"/> Parks, Recreation & Leisure Studies <input type="checkbox"/> Travel and Tourism Management	College/University <input type="checkbox"/> Education <input type="checkbox"/> Hospitality/Administration Management <input type="checkbox"/> Leisure/Recreation Management <input type="checkbox"/> Restaurant and Food Service Management	Other <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
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*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Human Services**

Career Cluster: **Government & Public Administration**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives			
Public Management & Administration	Business Management	Business Law	Philosophy Current Issues Sociology Business & Commerce in a Global Economy
	Business Management	Business Law	American Politics 1818 Psychology History of the Modern Dictators Business, Management and Administration Capstone

Career Pathways & Suggested Electives (Continued)

Governance	Business Management	Business Law	Philosophy Law & Order Current Issues Sociology Business & Commerce in a Global Economy	American Politics 1818 Psychology History of the Modern Dictators
National Security	**North County Technical High School Homeland Security Program	**North County Technical High School Homeland Security Program	**North County Technical High School Homeland Security Program Current Issues Sociology	**North County Technical High School Homeland Security Program Psychology
Foreign Service	Business Management	Business Law	Philosophy Current Issues Sociology Business & Commerce in a Global Economy	American Foreign Policy 1818 Psychology Economics
Planning	Ecology/Environmental Science Botany	Ecology/Environmental Science Botany	Introduction to Geology Systems in Science: Energy and Motion	Systems in Science: Earth and Space
Revenue & Taxation	Business Management	Personal Finance Accounting I	Philosophy Current Issues Sociology Accounting II	Economics Psychology Business & Commerce in a Global Economy
Regulation	Business Management	Personal Finance Accounting I	Philosophy Current Issues Sociology Accounting II	Economics Psychology Business & Commerce in a Global Economy

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Cyber Security <input type="checkbox"/> Law Enforcement	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> History <input type="checkbox"/> Political Science	<input type="checkbox"/> American Studies <input type="checkbox"/> Economics <input type="checkbox"/> Political Science <input type="checkbox"/> Public Affairs <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Human Services	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Human Services**

Career Cluster: **Law, Public Safety, Corrections & Security**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives

Correction Services	**North County Technical High School Law Enforcement Program	**North County Technical High School Law Enforcement Program Sociology	**North County Technical High School Law Enforcement Program Psychology
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Career Pathways & Suggested Electives (Continued)

Emergency & Fire Management Services	Health	**North County Technical High School Firefighting or Emergency Medical Technician Program	**North County Technical High School Firefighting or Emergency Medical Technician Program Sociology	**North County Technical High School Firefighting or Emergency Medical Technician Program Psychology
Security & Protective Services		**North County Technical High School Law Enforcement or Homeland Security Program	**North County Technical High School Law Enforcement or Homeland Security Program Sociology	**North County Technical High School Law Enforcement or Homeland Security Program Psychology
Law Enforcement Services		**North County Technical High School Law Enforcement Program	**North County Technical High School Law Enforcement Program Sociology	**North County Technical High School Law Enforcement Program Psychology
Legal Services		History of the American West	Law & Order Sociology	Current Issues Psychology

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Criminal Justice <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Cyber Security <input type="checkbox"/> Firefighter Training <input type="checkbox"/> Law Enforcement	<input type="checkbox"/> Crime Victim/Survivor Services <input type="checkbox"/> Criminal Justice <input type="checkbox"/> Fire Protection Technology <input type="checkbox"/> Paramedic <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Police Science <input type="checkbox"/> Pre-Law <input type="checkbox"/> Paralegal Studies	<input type="checkbox"/> Criminal Justice <input type="checkbox"/> Law <input type="checkbox"/> Political Science <input type="checkbox"/> Public Affairs <input type="checkbox"/> Sociology <input type="checkbox"/> Fire Protection Technology	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Human Services**

Career Cluster: **Education & Training**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives

Administration & Administrative Support	Microcomputer Business Applications Child Development	Working with Preschool Children Business Management	Education & the Art of Teaching Psychology Sociology	Education & Training Capstone AP Psychology AP Statistics
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Career Pathways & Suggested Electives (Continued)

Professional Support Services	Microcomputer Business Applications	Child Development Adv Microcomputer Business Applications	Psychology Lifeguard Training	AP Psychology College Prep English
Teaching & Training	Child Development Microcomputer Business Applications	Working with Preschool Children Nutrition & Food Safety	Education & the Art of Teaching Psychology Sociology	Education & Training Capstone AP Psychology AP Statistics

Postsecondary	Career Training	Community College	College/University	Other
	<input type="checkbox"/> Child Care <input type="checkbox"/> School Food Service	<input type="checkbox"/> Family Services & Child Development <input type="checkbox"/> Pre-Education <input type="checkbox"/> Early Childhood Education <input type="checkbox"/> School Administrative Assistance	<input type="checkbox"/> Career & Technical Education <input type="checkbox"/> Early Childhood Education <input type="checkbox"/> Elementary Education <input type="checkbox"/> Secondary Education <input type="checkbox"/> Adult Education <input type="checkbox"/> Post-secondary Education <input type="checkbox"/> Education Administration	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Industrial & Engineering Technology**

Career Cluster: **Manufacturing**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives	
Production	<p>Introduction to Engineering Design</p> <p>*North County Technical High School Precision Machining Program Principles of Engineering</p> <p>*North County Technical High School Precision Machining Program</p> <p>*North County Technical High School Precision Machining Program</p>

Career Pathways & Suggested Electives (Continued)

Manufacturing Production Process Development	Introduction to Engineering Design	*North County Technical High School Precision Machining Program Principles of Engineering	*North County Technical High School Precision Machining Program	*North County Technical High School Precision Machining Program
Health, Safety & Environmental Assurance	Health	*North County Technical High School	*North County Technical High School	*North County Technical High School
Quality Assurance	Introduction to Engineering Design Business Management Microcomputer Business Applications	*North County Technical High School Advanced Manufacturing Program Principles of Engineering	*North County Technical High School Advanced Manufacturing Program	*North County Technical High School Advanced Manufacturing Program
Maintenance, Installation & Repair	Introduction to Engineering Design Business Management	*North County Technical High School Advanced Manufacturing Program Principles of Engineering	*North County Technical High School Advanced Manufacturing Program	*North County Technical High School Advanced Manufacturing Program
Logistic & Inventory Control	Business Management Microcomputer Business Applications	*North County Technical High School	*North County Technical High School	*North County Technical High School

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Automated Manufacturing <input type="checkbox"/> Welding	<input type="checkbox"/> Agriculture Engineering <input type="checkbox"/> Industrial Drafting <input type="checkbox"/> Manufacturing Technology <input type="checkbox"/> Precision Production Trades	<input type="checkbox"/> Education <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Mechanical Engineering	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Industrial & Engineering Technology**

Career Cluster: **Transportation, Distribution & Logistics**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives

Transportation Operations	Intro to Communication	Microcomputer Business Applications
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Career Pathways & Suggested Electives (Continued)

Logistics, Planning & Management Services	Business Management	Business Law Microcomputer Business Applications	
Warehousing & Distribution Center Operations	Business Management	Business Law Microcomputer Business Applications	
Facility & Mobile Equipment Maintenance	Introduction to Engineering Design	Principles of Engineering	Engineering Design and Development
Transportation Systems & Infrastructure Planning, Management & Regulation	Introduction to Engineering Design	Principles of Engineering	Engineering Design and Development
Health, Safety & Environmental Mgmt.	Health		
Sales & Services	Microcomputer Business Applications Business Management	Advanced Microcomputer Business Applications Marketing I Accounting I Business Law Entrepreneurship Business & Commerce in a Global Economy	Marketing, Sales and Service Capstone Supervised Marketing Employment/ Internship

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Auto Collision <input type="checkbox"/> Auto Service Technology <input type="checkbox"/> Diesel Service Technology <input type="checkbox"/> Motorcycle Mechanics <input type="checkbox"/> Truck Driver Training <input type="checkbox"/> Heavy Equipment Repair <input type="checkbox"/> Aviation Maintenance	<input type="checkbox"/> Auto Collision Repair <input type="checkbox"/> Automotive Technology <input type="checkbox"/> Business Logistics <input type="checkbox"/> Diesel <input type="checkbox"/> Warehouse Management <input type="checkbox"/> Heavy Equipment Operation	<input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Aerospace Engineering <input type="checkbox"/> Logistics <input type="checkbox"/> Engineering	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

Career Path: **Industrial & Engineering Technology**

Career Cluster: **Science, Technology, Engineering & Mathematics**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives (Continued)

Engineering & Technology	<p>Intro to Engineering Design Microcomputer Business Applications Oral Communications</p>	<p>Principles of Engineering Business Management Advanced Microcomputer Business Applications Web Page Design Intro to Computer Science</p>	<p>Digital Electronics Civil Engineering & Architecture Aerospace Engineering Biotechnical Engineering Computer Science & Software Engineering AP Physics Web Page Design 2 Flash/Action Script AP Computer Science</p>	<p>Engineering Design & Development AP Calculus Information Technology Capstone</p>
Science & Math	<p>Microcomputer Business Applications</p>	<p>Advanced Biology Botany Ecology/Environmental Science Human Anatomy & Physiology Intro to Geology Intro to Astronomy</p>	<p>Pre-Calculus AP Statistics Advanced Chemistry Physics Zoology</p>	<p>AP Calculus AB AP Physics</p>

Postsecondary	<p>Career Training</p> <ul style="list-style-type: none"> <input type="checkbox"/> Drafting & CAD <input type="checkbox"/> Electronics <input type="checkbox"/> Industrial Maintenance <input type="checkbox"/> Automated Manufacturing Technology 	<p>Community College</p> <ul style="list-style-type: none"> <input type="checkbox"/> Biotechnology <input type="checkbox"/> Chemical Technology <input type="checkbox"/> Manufacturing Technology <input type="checkbox"/> Design Engineering Technology <input type="checkbox"/> Industrial Drafting <input type="checkbox"/> Pre-Engineering 	<p>College/University</p> <ul style="list-style-type: none"> <input type="checkbox"/> Biochemistry <input type="checkbox"/> Biology <input type="checkbox"/> Chemistry <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Electrical Engineering <input type="checkbox"/> Nuclear Engineering <input type="checkbox"/> Biomedical Engineering <input type="checkbox"/> Architecture/Architectural Engineering <input type="checkbox"/> Industrial Engineering <input type="checkbox"/> Management Science/Systems Analysis <input type="checkbox"/> Mathematics/Statistics <input type="checkbox"/> Physics 	<p>Other</p> <ul style="list-style-type: none"> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
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*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

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Career Path: **Industrial & Engineering Technology**

Career Cluster: **Architecture & Construction**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig. or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives		
Design & Pre-Construction	Focus on Design Microcomputer Business Applications Introduction to Engineering Design	Housing & Interior Design Principles of Engineering Drawing
	Civil Engineering and Architecture Design Web Graphics	Engineering Design and Development Graphics

Career Pathways & Suggested Electives (Continued)

Construction	Focus on Design Microcomputer Business Applications Introduction to Engineering Design	Housing & Interior Design Principles of Engineering Drawing	Civil Engineering and Architecture Design Web Graphics	Engineering Design and Development Graphics
Maintenance & Operations	Business Management Introduction to Engineering Design	**North County Technical High School Construction or Advanced Manufacturing Program	**North County Technical High School Construction or Advanced Manufacturing Program	**North County Technical High School Construction or Advanced Manufacturing Program

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> HVAC <input type="checkbox"/> Plumbing <input type="checkbox"/> Carpentry <input type="checkbox"/> Construction Trades <input type="checkbox"/> Building Maintenance <input type="checkbox"/> Electrician	<input type="checkbox"/> Construction Technology <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Engineering Technology <input type="checkbox"/> HVAC-R	<input type="checkbox"/> Architecture <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Construction Management <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Electrical Engineering	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Educational Career Plan

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Career Path: **Natural Resources/Agriculture**

Career Cluster: **Agriculture, Food & Natural Resources**

	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade*
High School	English 9	English 10	English 11	English 12
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Algebra III with Trig, or Statistics	Algebra III with Trig, or Statistics or College Algebra or Pre-Calculus or Calculus
	Physical Science (Physics First) or Biology I	Biology I or Chemistry I	Chemistry or Physics	Physics or Environmental Science or Advanced Science Course (see course <i>handbook</i>)
	Social Studies 9	Western Civilization & American History I	American History 2 & 3	Economics or Psychology or Sociology or Advanced History Course (see course <i>handbook</i>)
	PE/ Fine Arts	PE/ Fine Arts	Government	Personal Finance
	Health/Practical Arts	Health/Practical Arts	Career Major Elective	Career Major Elective
	Additional Coursework Foreign Language or Computer Technology	Additional Coursework Foreign Language or Computer Technology	Career Major Elective	Career Major Elective

Career Pathways & Suggested Electives			
Agribusiness Systems	Business Management Microcomputer Business Applications 1	Marketing I Ecology/Botany Business Law	Marketing II Zoology Entrepreneurship Accounting I
			Human Anatomy and Physiology Accounting II

Career Pathways & Suggested Electives (Continued)

Animal Systems	Nutrition & Food Safety	Ecology/Botany *North County Technical High School Vet Assistant Program	Human Anatomy and Physiology *North County Technical High School Vet Assistant Program	Zoology *North County Technical High School Vet Assistant Program
Food Products & Processing Systems	Nutrition & Food Safety	Culinary Arts 1	Culinary Arts 2 World Foods	World Foods Ecology/Botany
Natural Resources and Environmental Service Systems	Systems in Science: Energy and Motion	Systems in Science: Reactions and Mixtures	Ecology/Botany	
Power Structural & Technical Systems	Introduction to Engineering Design	Principles of Engineering	Civil Engineering and Architecture	Engineering Design and Development
Plant Systems		Ecology/Environmental Science	Botany Lab	

	Career Training	Community College	College/University	Other
Postsecondary	<input type="checkbox"/> Food Processing Workers <input type="checkbox"/> Meat Cutters <input type="checkbox"/> Animal Breeders	<input type="checkbox"/> Veterinary Assistants	<input type="checkbox"/> Agricultural Engineers <input type="checkbox"/> Zoologists <input type="checkbox"/> Veterinary Science	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training

*Twelfth grade year should include at least 3 academic courses including college prep math or science.

Adapted from National Career Cluster

Ritenour High School Personal Plan of Study

Name: _____ Year of Graduation: _____

Selected Career Path: Natural Resources/Agriculture Arts & Communication Business Management & Technology
 Health Services Human Services Industrial & Engineering Technology

Career Cluster: _____

*Italics—Denotes a course not required for graduation but recommended for post-secondary planning. *—Denotes a course required for graduation without a grade designation.*

Grade	Required Courses	Credits	First Semester	Second Semester	Signatures
9	<ul style="list-style-type: none"> • English 9 • Social Studies 9 • Mathematics • Science • Success 101 • Health * • P.E. • Electives * • Fine/Practical Arts * 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>½</p> <p>½</p> <p>½</p> <p>1</p>	English 9 Social Studies 9—American History _____ _____ _____ _____	English 9 Social Studies 9—American History _____ _____ _____ _____	Initial Program Of Study Date: _____ Student Signature: _____ Parent Signature: _____ Advisor Signature: _____
10	<ul style="list-style-type: none"> • English 10 • Social Studies 10 • Mathematics • Science • P.E. * • Personal Finance * • Fine/Practical Arts * • Foreign Language * 		English 10 Social Studies 10—World History _____ _____ _____ _____	English 10 Social Studies 10—World History _____ _____ _____ _____	Annual Review Date: _____ Student Signature: _____ Parent Signature: _____ Advisor Signature: _____
11	<ul style="list-style-type: none"> • English 11 • Social Studies 11 • Mathematics • Science • Foreign Language * • Technology * • Government * • Electives * 		English 11 Social Studies 11—Government _____ _____ _____ _____	English 11 Social Studies 11—Government _____ _____ _____ _____	Annual Review Date: _____ Student Signature: _____ Parent Signature: _____ Advisor Signature: _____
12	<ul style="list-style-type: none"> • English 12 • Social Sciences • Mathematics • Science • Communications * • Electives * 		_____ _____ _____ _____	_____ _____ _____ _____	Annual Review Date: _____ Student Signature: _____ Parent Signature: _____ Advisor Signature: _____

Educational/Career Goals

Short-Term Goals: _____

Long-Term Goals: _____

Post-Secondary Goals: _____

Post-Secondary Education/Training Choice:
 Career Training Community College University Military Other: _____

School-Based Learning Opportunities	Community Based Opportunities	Student Organizations
Career Research	Mentorship	DECA
Cooperative Education	Volunteer	FBLA
Internship	Part-Time Employment	
Job-Shadowing	Organizational Membership	
Service Learning Opportunities	Other	
Assessments/Placements <input type="checkbox"/> Compass <input type="checkbox"/> Plan <input type="checkbox"/> ACT <input type="checkbox"/> ASVAB <input type="checkbox"/> SAT <input type="checkbox"/> Advanced Placement		
Advanced Classes <input type="checkbox"/> Advanced Placement <input type="checkbox"/> Dual Enrollment <input type="checkbox"/> Dual Credit		

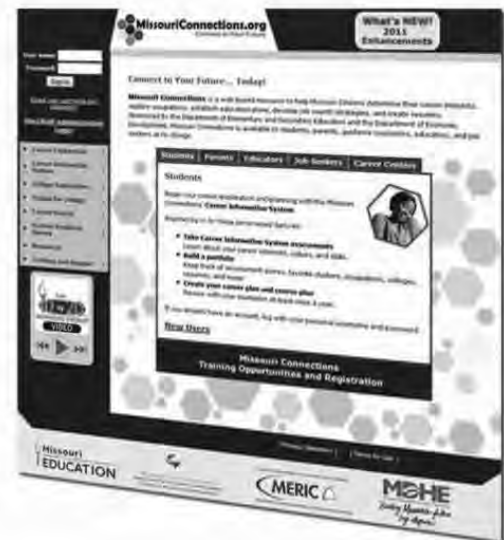
Minimum Requirements	Honors Requirements	A+ Program Requirements	End of Course Requirements
<ul style="list-style-type: none"> • English Language Arts—4.5 credits • Mathematics—3 credits • Social Studies—3 credits • Science—3 credits • Fine Art—1 credit • Practical Art—1 credit • Physical Education/Health—1.5 credits • Personal Finance—.5 credit • Electives—7 credits • Total=24 credits 	<ul style="list-style-type: none"> • Accumulate at least 24 units of credit • Cumulative GPA of 3.5 or higher at end of high school • Complete all minimum requirements with 3 credits of world language in one area • No failed classes or non-credit grades • Cannot include correspondence courses, except for credit earned through MoVIP 	<ul style="list-style-type: none"> • Graduate with cumulative GPA 2.5 or above. • 95% attendance record for four years. • Perform 50 hours of unpaid tutoring or mentoring of younger students or students of the same age group. • Maintain a record of good citizenship and avoidance of the unlawful use of drugs and alcohol. • Proficient or advanced on Algebra 1 EOC. • Attend an A+ school for 3 consecutive years/sign an agreement with school. 	<ul style="list-style-type: none"> <input type="checkbox"/> Personal Finance <input type="checkbox"/> Algebra 1 <input type="checkbox"/> English 1 <input type="checkbox"/> English 2 <input type="checkbox"/> Math EOHS <input type="checkbox"/> Biology <input type="checkbox"/> Government <input type="checkbox"/> American History <input type="checkbox"/> Additional Math (2017) <input type="checkbox"/> Additional Science (2018) <input type="checkbox"/> Additional Science (2018)

About

Sponsored by the Missouri Department of Elementary and Secondary Education, the Missouri Connections system provides students (grades 6-20), their parents, counselors, and educators with educational and career planning information and resources at **no charge**.

The comprehensive Internet-based system, customized specifically for Missouri, offers:

- Career Path, Cluster, and Pathway Exploration
- Career Assessment and Direction
- Educational and Occupational Planning
- Job Preparation and Management
- Career Guidance and Placement



Features

The comprehensive Missouri Connections system combines the successful platform of the intoCareers Career Information System including its research-based career assessments, portfolio development, and educational and occupational exploration resources, with Missouri-specific information and tools.

Key System Features:

- Interactive exploration tool on Missouri's career paths, clusters, and pathways
- Video room with videos on the 16 Career Clusters
- Reliable career assessments on interests, skills, and work values
- Planning timeline of suggested sequences for education and career planning events
- Education Planner to develop Personal Plans of Study of coursework and postsecondary plans
- Links to Missouri-specific information such as Hot Careers in Missouri, Missouri College Admissions Criteria, and MissouriCareerSource.com
- Parental resources to get parents and family members involved in the career planning process
- Administrative Database Management System for educators to manage and monitor individual system progress and generate real-time reports for accountability requirements

Get Started

To learn more and to get started, visit MissouriConnections.org today. For log-in information or other assistance, contact your local school or Missouri Connections customer support at 573.634.0043 or jcoleman@motrainer.com.



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