

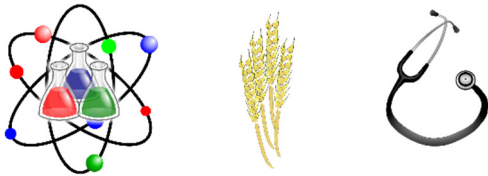
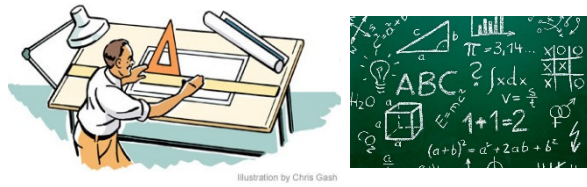
Tyrone Area School District Career Pathways

**Arts
and
Communications**



**Business, Finance,
Information Technology, and
Entrepreneurship**

**Engineering, Math,
and
Industrial Technology**



**Health, Science,
and Agriculture**

**Social
and
Human Services**



Arts and Communications

Designed for students with an interest in interpretation, application, and production of visual, verbal, or written work.

Students might select this pathway if they:

- ✓ Are interested in art, music, or writing
- ✓ Are creative and enjoy expressing themselves and entertaining others
- ✓ Are good communicators
- ✓ Like to research and meet deadlines
- ✓ Like being part of production teams
- ✓ Like designing ads and commercials

Possible Careers/Occupations:

- **Applied Arts (Visual):** Animator, Fashion Designer, Graphic Artist, Photographer, Set Designer
- **Applied Arts (Written & Spoken):** Public Relations, Reporter/Journalist; Advertising Copywriter
- **Creative & Performing Arts:** Actor, Composer, Musician, Writer, Dancer/Choreographer, Fashion Model

TAHS Elective Course Options:

<u>World Languages:</u>	<u>Visual Arts:</u>	<u>GACTC:</u>
Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	Art Application 1, 2 Art Studio Art Lab Intro to Sculpture/Ceramics DE Intro to Art History	Digital Printing Drafting & Design Interior Decorating Multimedia & Web Design Visual Arts
<u>Music:</u>	<u>Business & Technology:</u>	<u>Journalism, English, and Communications:</u>
Concert Choir POPS Extension (audition only) Concert Band Jazz Band (audition only) Popular American Music Intro to Music Theory	Multimedia Intro to Microcomputer Applications Intro. to Entrepreneurship Business Law DE Intro to Business Workplace Readiness Personal Finance Cooperative Education Accounting 1 Business Procedures Marketing	Channel T Newscaster Eagle Eye News (various positions) DE Public Speaking Video Production 1 Yearbook/Presentation Software DE English Composition 1 DE English Composition 2
<u>Other:</u>		<u>TAHS CTE Courses:</u>
DE General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring		Pre-Carpentry Carpentry & Design 1, 2, 3 Intro to Drafting & Blueprint Metals & Manufacturing Manufacturing Technology

Business, Finance, Information Technology, and Entrepreneurship

Designed to prepare students for careers in the world of business, finance, sales, and information services.

Students might select this pathway if they:

- ✓ Are interested in a business environment
- ✓ Like buying and selling merchandise
- ✓ Are interested in accounting
- ✓ Are planning to own their own business
- ✓ Like working with technology
- ✓ Like working in groups and planning events

Possible Careers/Occupations:

- **Employment-Related Services:** Employee Benefits Manager, Labor Relations Specialist, Human Resources Manager
- **Marketing & Sales:** Advertising Manager, Sales/Marketing Manager, Insurance Agent, Real Estate Agent, Market Research Analyst
- **Accounting, Finance, & Management:** Accountant, Stock Broker, Administrative Support, Entrepreneur, Hotel Management, Budget Analyst

TAHS Elective Course Options:

<p><u>World Languages:</u></p> <p>Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2</p> <p><u>Other:</u></p> <p>DE General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring Cafe</p>	<p><u>Business & Technology:</u></p> <p>Accounting 1, 2, 3 Business Law Intro to Microcomputer Applications Intro. to Entrepreneurship DE Intro to Business Business Procedures/Marketing Education Multimedia Personal Finance Workplace Readiness Cooperative Education</p> <p><u>GACTC:</u></p> <p>Administrative Office Specialist Retail Marketing</p>	<p><u>Math:</u></p> <p>(DE) Statistics Trigonometry Pre-Calculus (DE) Calculus DE College Algebra</p> <p><u>Journalism, English, and Communications:</u></p> <p>DE Public Speaking Yearbook/Presentation Software Eagle Eye News (various positions) Video Production 1 DE English Composition 1 DE English Composition 2</p>
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Engineering, Math, and Industrial Technology

Designed to develop students' interests, awareness, and applications to areas related to the technologies necessary to design, develop, install, and maintain physical systems.

Students might select this pathway if they:

- ✓ Enjoy building things
- ✓ Like math and science
- ✓ Like research and designing systems
- ✓ Are detail oriented
- ✓ Are curious and like to solve problems
- ✓ Like working on teams

Possible Careers/Occupations:

- **Engineering & Technologies:** Engineers (ex. Civil, Mechanical, Nuclear), Architect
- **Transport Operations:** Logistics and Materials Manager, Truck Driver, Warehouse Manager
- **Construction & Maintenance:** Carpenter, Electrician, Plumber, Mason
- **Manufacturing & Processing:** Tool & Die Maker, Machinist, Sheet Metal Processor, Welder, Water Plant Operator, Machine Operator
- **Mechanical Specialties:** Auto Mechanic, Technician in various fields (ex. auto, sound, broadcast)
- **Computer:** Computer Systems Analyst, Computer Programmer; Computer Network Engineer
- **Math Fields:** Actuary, Mathematician, Purchasing Agent, Statistician

TAHS Elective Course Options:

<p><u>World Languages:</u> Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2</p> <p><u>Other:</u> DE General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring</p> <p><u>Math and Science:</u> Pre-Calculus w/Trigonometry Trigonometry (DE) Statistics (DE) Calculus DE College Algebra Physics Principles of Technology</p>	<p><u>TAHS CTE Courses:</u> Pre-Carpentry Carpentry & Design 1, 2, 3 Manufacturing Technology Metals & Manufacturing Intro to Drafting & Blueprint Metal Working Technology</p> <p><u>Business & Technology:</u> Accounting 1, 2, 3 Intro to Microcomputer Applications Multimedia Intro. to Entrepreneurship Business Law Workplace Readiness Personal Finance Cooperative Education</p>	<p><u>GACTC:</u> Automotive Diesel Technology Automotive Technology Cabinetmaking Collision Repair Computer Programming Computer Technology Electrical Trades Electro Mechanical Engineer HVAC/Plumbing Logistics Masonry Outdoor Power Equipment Precision Machining Welding</p> <p><u>Journalism, English, and Communications:</u> DE Public Speaking Video Production 1 Yearbook/Presentation Software DE English Composition 1 DE English Composition 2</p>
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Health, Science, and Agriculture

Designed to develop students' interests in the life, physical, and behavioral sciences.

Students might select this pathway if they:

- ✓ Are interested in the health care environment
- ✓ Are interested in environmental issues
- ✓ Enjoy research and conducting experiments
- ✓ Are detail oriented
- ✓ Enjoy caring for people
- ✓ Enjoy caring for animals

Possible Careers/Occupations:

- **Natural Science & Technologies:** Biologist, Food Technologist, Geologist, Meteorologist, Physicist
- **Medical Professional:** Doctor/Surgeon, Dentist, Nurse, Physician Assistant, Nurse Practitioner, Physical Therapist, Veterinarian, Nursing Assistant
- **Medical Technologists:** Dietician/Nutritionist, Optician, Pharmacist, Radiology/Sonography, Medical Lab Technician, Veterinary Technician
- **Chemistry:** Chemist, Chemical Engineer
- **Agriculture, Forestry:** Aquaculturist, Farm Manager, Forester, Nursery/Greenhouse Manager, Agribusiness

TAHS Elective Course Options:

<p><u>World Languages:</u> Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2</p>	<p><u>Math:</u> Pre-Calculus w/Trigonometry Trigonometry (DE) Statistics (DE) Calculus DE College Algebra</p>	<p><u>GACTC:</u> Dental Assistant Health Occupations</p>												
<p><u>Other:</u> DE General Psychology DE Intro to Geography DE U.S. History 2 Applied Nutrition SAT Review Driver Education Peer Tutoring</p>	<p style="text-align: center;"><u>TAHS CTE Courses:</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Animal Science</td> <td style="width: 33%;">SAE Practicum</td> </tr> <tr> <td>Ag Power & Technology</td> <td>Agriculture & Research</td> </tr> <tr> <td>Botany-Horticulture Plant Science</td> <td>Food Science</td> </tr> <tr> <td>Intro to Ag/Food/Natural Resources</td> <td>Pre-Health Tech</td> </tr> <tr> <td>Animal & Plant Biotechnology</td> <td>Health Tech 1, 2, 3</td> </tr> <tr> <td>Natural Resources & Ecology</td> <td></td> </tr> </table>		Animal Science	SAE Practicum	Ag Power & Technology	Agriculture & Research	Botany-Horticulture Plant Science	Food Science	Intro to Ag/Food/Natural Resources	Pre-Health Tech	Animal & Plant Biotechnology	Health Tech 1, 2, 3	Natural Resources & Ecology	
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<p><u>Science:</u> AGMO Anatomy/Physiology DE Chemistry 2 Physics Microbiology</p>	<p><u>Business & Technology:</u> Intro to Microcomputer Applications Workplace Readiness Personal Finance Cooperative Education</p>	<p><u>English & Communications:</u> DE Public Speaking DE English Composition 1 DE English Composition 2</p>												

Social and Human Services

Designed to develop students' interests, skills, and experiences for employment in careers related to human needs and serving others.

Students might select this pathway if they:

- ✓ Are interested in caring for people
- ✓ Like helping others reach their potential
- ✓ Are tolerant of others' differences
- ✓ Enjoy working with people of all ages, including children and the aged
- ✓ Enjoy communicating with people

Possible Careers/Occupations:

- **Education:** Teacher, Coach
- **Personal Services:** Barber, Cosmetologist, Flight Attendant; Chef/Caterer
- **Community Services:** Counselor, Social Worker, Lawyer, Police Officer/Law Enforcement, First Responder; Politician, Lobbyist

TAHS Elective Course Options:

<u>World Languages:</u> Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	<u>Business & Technology:</u> Multimedia Intro to Microcomputer Applications Intro. to Entrepreneurship Workplace Readiness Personal Finance Cooperative Education	<u>GACTC:</u> Cosmetology Culinary Arts Emergency Services
<u>Other:</u> DE General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring Community Outreach Cafe	<u>Journalism, English, and Communications:</u> Channel T Newscaster Eagle Eye News (various positions) Yearbook/Presentation Software DE English Composition 1 DE English Composition 2 Video Production DE Public Speaking	