

Hastings High School Pathways Guide



Skills for Success

Skills critical for success in apprenticeship, college, military, or work and valuable to your well-being.

Creative Thinking

Developing strategies to identify challenges, explore multiple solutions, and take effective action to achieve results.



Independence

Making responsible choices, managing tasks with increasing autonomy and taking initiative.



Time Management

Planning, prioritizing, and balancing your school, activities, and personal responsibilities effectively.



Communication

Expressing your ideas clearly, listening actively, and adapting communication styles for different audiences.



Perseverance

Building resilience and determination by working through challenges and



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Skills critical for success in apprenticeship, college, military, or work and valuable to your well-being.



Accountability & Dependability

Taking responsibility for your actions, meeting commitments, and being reliable in both school and future workplaces.

Critical Thinking

Analyzing information carefully, evaluating evidence, and making reasoned decisions based on logic and creativity.



Adaptability & Flexibility

Learning and adjusting positively to new challenges and changes, preparing yourself for an evolving world of work.

Problem Solving

Thinking innovatively, exploring ideas, and expressing yourself in original ways across disciplines.



Teamwork & Collaboration

Working effectively with others, sharing ideas, and contributing to group success through cooperation and respect.

What are Pathways at HHS?

Pathways help students explore their interests, build real-world skills, and prepare for life after high school. Each pathway connects coursework, experiences, and career opportunities so students can discover what they love and where they want to go next.



For students who want to help, heal, or serve others, this pathway explores healthcare, education, public safety, and human service careers with hands-on learning and job-ready skills.



For students interested in leadership, finance, marketing, or running a business, this pathway builds skills in innovation, communication, management, and real-world decision-making.



Perfect for creative and expressive students, this pathway includes visual arts, performance, multimedia, and digital storytelling to help students communicate ideas in powerful ways.



Created for builders and innovators, students learn how things work, how things are made, and how to design solutions through engineering, machining, robotics, and technical applications.



Designed for curious problem-solvers, this pathway opens doors to STEM fields such as biology, chemistry, environmental science, computer science, and emerging technologies.

HEALTH & HUMAN SERVICES



LAW, PUBLIC SAFETY, CORRECTIONS, AND DIGITAL SECURITY

1001/1002 - AP Statistics A/B (9-12) U
1060/1061 - AP Computer Science Principles (9-12) U
1040/1041 - Algebra 3 A/B (9-12) U*
4011/4012 - United States History A/B (10-11) or
4013/4014 - AP United States History A/B (10-11) U
4035 - Sociology (11-12)
4032 - Psychology (11-12) or
4033 - College Psychology (11-12) U
0806 - College Child Psychology & Development (11-12) U
4036 - College Criminal Justice (11-12) U
4021/4022 - AP United States Government & Politics A/B (11-12) U
1070/1071 - College Technical Math (12) U

EXERCISE SCIENCE

0711 - Human Performance: Fitness for Life (9)
0711 - Human Performance: Weight Lifting & Conditioning (9)
0704 - Health 10 (10)
0716 - Team Sports (9-12)
0721/0725 - Lifetime Individual Fitness Training (9-12)
0740/0743 - Functional Integrated Training (9-12)
0730/0738 - S.P.A.R.Q.: Speed, Power, Agility, Recreation and Quickness (9-12)

HEALTHCARE

1052/1053 AP Calculus AB A/B (9-12) U
1054/1055 AP Calculus BC A/B (9-12) U
1040/1041 Algebra 3 A/B (9-12)
3041/3042 - Biology A/B (10) or
3050/3051 - College Biology (10) U
3048 - Intro to Stem Concepts (10-12)
3042/3043 - Human Anatomy & Physiology (11-12)
9006 - Healthcare Professions (11-12)
3021/3022 - Chemistry A/B (11-12) or
V3027/3028 - Honors Chemistry A/B (11-12) or
3025/3026 AP Chemistry A/B (11/12) (U)
4032 - Psychology (11/12) or
4033 - College Psychology A/B (11/12) U
4035 - Sociology (11/12)
0806 - College Child Psychology & Development (11-12) U
AP Statistics A/B (9-12) U
Physics A/B (11-12) or 3014/3015 AP Physics (11-12)
1070/1071 College Technical Math (12) U



EDUCATION & TRAINING

0717/0718 - Unified Physical Fitness (10-12)
4032 - Psychology (11-12) or
4033 - College Psychology (11-12) U
0806 - College Child Psychology & Development (11-12) U
4035 - Sociology (11-12)
0540 - College Public Speaking (12) U

Are you passionate about helping others and making a positive difference? If so, courses in the Health & Human Services Pathway might be perfect for you!

HEALTH & HUMAN SERVICES



Pathway Course Progression	Introductory Courses	Intermediate Courses	Advanced Courses
Exercise Science	SPARQ/LIFT/HP9 10th Biology, Health 9	SPARQ/LIFT 2-3	SPARQ/LIFT 4 Mentorship, Anatomy
Law Enforcement and Justice	Sociology, Civics	CVTC College Criminal Justice College Gov	College Psychology
Education	Psychology, Sociology	College Child Psychology and Development	College Psychology
Healthcare	Bio/College Bio	Health Care Professions	Anatomy/Physiology
Social and Mental Health Services	Health 9, Health 10	Sociology Positive Psychology	College Psychology Child Psychology and Development



OCCUPATIONS Twin Cities Metro Area Data from DEED

LAWYER	CERTIFIED NURSING ASSISTANT	PHARMACIST	TEACHER	ATHLETIC TRAINER
median salary \$154,521	median salary \$43,323	median salary \$154,700	median salary \$67,623	median salary \$62,451
Projected Growth 3.3%	Projected Growth 4%	Projected Growth 5.2%	Projected Growth 5.2%	Projected Growth 13.6%
Education Juris Doctor (JD)	Education Certification	Education Doctoral Degree	Education Bachelor's Degree	Education Master's Degree

Recommended Activities/Certifications: National Honor Society, Peer Court, Peer Tutors
Raider Buddies, Red Cross Club, Scrub Club, Youth Ambassadors, Youth in Government
First Aid- CPR, French Club & Honor Society, Spanish Club & Honor Society

BUSINESS & ENTREPRENEURSHIP

BUSINESS & MARKETING

0234 - Digital Media & Design (9-12)
1050/1051 - Calculus for Business (9-12)
9004/9005 - Yearbook A/B (9-12)
0340 - Personal Finance (10-12)
0352 - Introduction to Business (10-12)
0358 - Marketing (10-12)
9007 - Raiders in Action: Civic Engagement Through Multit-media (10-12)
0525 - Creative Writing (11-12)
0528 - Media Studies (11/12)
4019 - Economics (12)
4038 - College Macroeconomics (12) U
0540 - College Public Speaking (12)

ACCOUNTING & FINANCE

0340 - Personal Finance (10-12)
0322/0323 - College Accounting A/B (10-12) U



Do you enjoy solving problems, working with numbers, or generating creative ideas? Whether you're interested in leading a team, starting your own company, or helping businesses run more efficiently, the business pathway prepares you for a variety of exciting careers.

BUSINESS & ENTREPRENEURSHIP



Pathway Course Progression	Introductory Courses	Intermediate Courses	Advanced Courses
Accounting & Finance	Personal Finance Intro to Business	Economics	College Accounting College Macroeconomics
Entrepreneurship & Business Management	Personal Finance Intro to Business Marketing	Economics	
Marketing & Sales	Personal Finance Marketing	College Public Speaking Creative Writing Digital Media	Raiders in Action



OCCUPATIONS Twin Cities Metro Area Data from DEED

OPERATIONS MANAGER	HUMAN RESOURCE SPECIALIST	ACCOUNTANT	INSURANCE SALES AGENT	BUSINESS OPERATIONS
median salary \$97,299	median salary \$76,311	median salary \$80,122	median salary \$79,519	median salary \$80,129
Projected Growth 6.5%	Projected Growth 6.4%	Projected Growth 5.3%	Projected Growth 13.6%	Projected Growth 5.7%
Education Bachelor's Degree	Education Bachelor's Degree	Education Master's Degree	Education Certification	Education Bachelor's Degree

Recommended Activities/Certifications: National Honors Society, Youth Ambassadors, Link Crew AVID Club, Excel Club, Youth in Government, French Club & Honor Society, Spanish Club & Honor Society

ARTS & COMMUNICATION

FINE ARTS

0230 - Drawing 1 (9-12)
0239 - Painting & Printmaking 1 (9-12)
0245 - Ceramics & Sculpture 1 (9-12)
0238 - Drawing 2 (9-12)
0240 - Painting & Printmaking 2 (9-12)
0246 - Ceramics & Sculpture 2 (9-12)
0241 - Drawing & Painting 3 (10-12)
0242 - Drawing & Painting 4 (10-12)
0248 - Ceramics & Sculpture 3 (10-12)
0249 - Ceramics & Sculpture 4 (10-12)
0253 - Mixed Media Arts

VISUAL ARTS

0130 - Floral Design (9-12)
0992 - Photography & Screen Printing (9-12)
0234 - Digital Media & Design (9-12)

JOURNALISM

0528 - Media Studies (11-12)
9004/9005 - Yearbook A/B (9-12)
0525 - Creative Writing (11-12)
0546 - College Literature A
0547 - College Literature B

COMMUNICATIONS

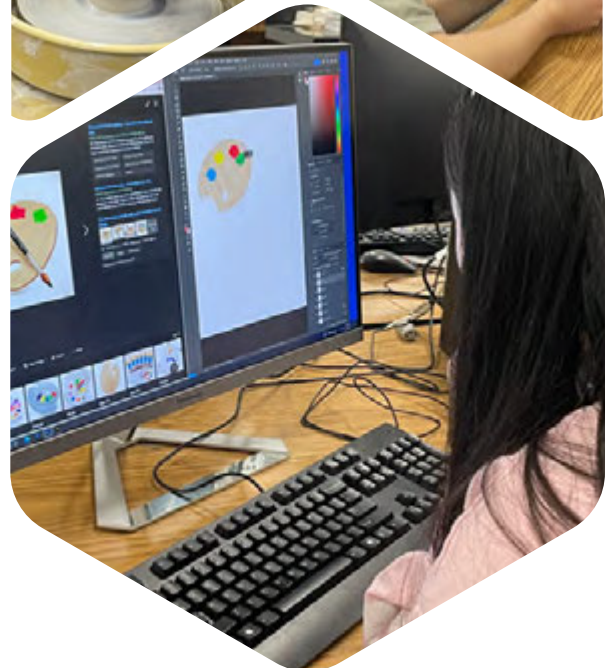
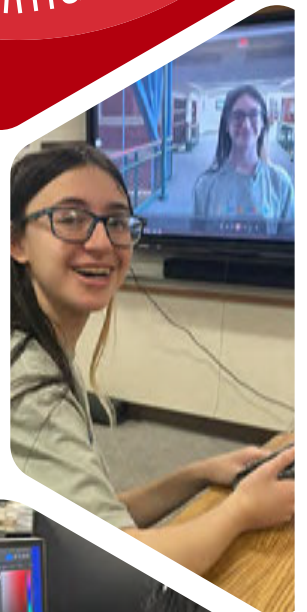
9007 - Raiders in Action: Civic Engagement Through Multimedia (10-12)
0525 - Creative Writing (11-12)
0540 - College Public Speaking (12) U

PERFORMING ARTS

Band, Choir, and Orchestra
-See Course Guide for a full list of all options

GLOBAL LANGUAGES

French 1-College French 4 and Spanish 1-College French 4
-See Course Guide for a full list of options



Creativity, communication, and technology come together! If you're passionate about sharing ideas, creating art, or using digital tools to tell stories, the Arts & Communication Pathway could be the perfect fit for you.

ARTS & COMMUNICATION



Pathway Course Progression	Introductory Courses	Intermediate Courses	Advanced Courses
Marketing & Advertising	Media Studies Digital Media & Design	Creative Writing CIS Public Speaking	Broadcast Journalism Raiders in Action
Design Fields (graphic, industrial, product, fashion...)	Drawing, Photography, Ceramics, Painting	Digital Media & Design	
Video Production	Photography	Digital Media & Design	Raiders in Action
Journalism	Media Studies	Creative Writing CIS Public Speaking	Broadcast Journalism Raiders in Action



OCCUPATIONS Twin Cities Metro Area Data from DEED

AUDIO & VIDEO TECHNICIAN	PRODUCERS & DIRECTORS	WRITERS & AUTHORS	REPORTERS & JOURNALISTS	MUSIC THERAPISTS
median salary \$44,113	median salary \$67,221	median salary \$72,104	median salary \$36,160	median salary \$40,000
Projected Growth 6.1%	Projected Growth 7%	Projected Growth 3.8%	Projected Growth 1%	Projected Growth 7%
Education Certification	Education Bachelor's Degree	Education Bachelor's Degree	Education Bachelor's Degree	Education Bachelor's Degree

Recommended Activities/Certifications: Art Club, Backup Band, Drama Club, Dance Club, Jazz Band, Marching Band, Poetry Club, Show Choir, Writing Club, Yearbook, French Club & Honor Society, Spanish Club & Honor Society

Engineering & Manufacturing

ENGINEERING

0986/0987 Electronics (9-12)
0988/0989 Advanced Electronics (10-12)
0912/0913 College General Metals (9-12) U
0917/0918 Advanced Metals (10-12)
0978/0979 Engineering Drafting (10-12)
3021/3022 Chemistry A/B (11/12)
3027/3028 Honors Chemistry (11/12)
3025/3026 AP Chemistry (11/12) U
1042/1043 Precalculus A/B (9-12)
1044/1045 Honors Precalculus A/B (9-12)
1052/1053 AP Calculus AB A/B (9-12) U
1054/1055 AP Calculus BC A/B (9-12) U
3012/3013 Physics A/B (11/12)
3014/3015 AP Physics A/B (11/12) U

MANUFACTURING & CONSTRUCTION

0986/0987 Electronics (9-12)
0988/0989 Advanced Electronics (10-12)
0925 Basic Woodworking (9-12)
0923/0924 Machine Woodworking & Basic Construction (9-12)
0926/0927 Advanced Woodworking Technology A/B
0912/0913 College General Metals (9-12) U
0917/0918 Advanced Metals (10-12)
0962/0963 Drafting (CAD) (9-12)
0973/0974 Architectural Drawing (CAD) A/B (9-12)
0209 Housing and Interior Design (9-12)
0985 House Wiring (9-12)
0121 Landscaping Design (9-12)
1070/1071 College Technical Math (12) U

AUTOMOTIVE

0940 Small Engines & Power Mechanics (9-12)
1070/1071 College Technical Math (12)
0941 Recreational Vehicles (9-12)
0950/0951 (11/12)



Do you like solving problems, building things, or figuring out how stuff works? The Engineering & Manufacturing Pathway lets you turn ideas into real-world inventions, whether through hands-on design, fabrication, or cutting-edge technology.

ENGINEERING & MANUFACTURING



Pathway Course Progression	Introductory Courses	Intermediate Courses	Advanced Courses
Architecture & Construction	Architectural Drafting House Wiring, Drawing	Machine Woods and Construction	Advanced Woodworking & Technology
Engineering & Design	Drafting (CAD) Metals, Drawing Electronics	Engineering & Drafting Advanced Metals Advanced Electronics	
Manufacturing & Fabrication	Metals, Woodworking Electronics	Advanced Metals Machine Woods Advanced Electronics	Specialized Metals Advanced Woods
Transportation Technologies	Small Engines Electronics	Rec Vehicles	Autos



OCCUPATIONS Twin Cities Metro Area Data from DEED

CONSTRUCTION LABORER	ELECTRICAL ENGINEER	PLUMBERS, PIPE & STEAM FITTERS	AUTO TECH & MECHANICS	CONSTRUCTION MANAGER
median salary \$59,835	median salary \$106,451	median salary \$82,011	median salary \$51,311	median salary \$106,907
Projected Growth %	Projected Growth 4.3%	Projected Growth 5.2%	Projected Growth 3.3%	Projected Growth 7.5%
Education HS or less	Education Bachelor's Degree	Education Certification	Education Certification	Education Bachelor's Degree

Recommended Activities/Certifications: National Honors Society, STEM Club, Technology Club

SCIENCE & TECHNOLOGY

COMPUTER/STEM

0960 Computer Programming and Game Design (9-12)
3048 Intro to STEM Concepts (10-12)
1060/1061 AP Computer Science Principles (9-12) U
1063/1064 AP Computer Science A (9-12) U
3012/3013 Physics A/B (11-12)
3014/3015 AP Physics (11-12) U

ENVIRONMENTAL & EARTH SCIENCES

0130 Floral Design (9-12)
3005 Earth Science (9)
3006 Space Science (9)
3040/3041 Biology A/B (10)
3050/3051 College Biology A/B (10) U
0110 Natural Resources (9-12)
3049 Wildlife Biology (11-12)
3047 Astronomy (12)
3021/3022 Chemistry A/B (11-12)
3027/3028 Honors Chemistry (11-12)
3025/3026 CIS Chemistry (11-12) U



Interested in solving global challenges with science and technology? In the Science & Technology Pathway, you'll build the STEM skills needed for high-demand, future-focused careers.

SCIENCE & TECHNOLOGY



Pathway Course Progression	Introductory Courses	Intermediate Courses	Advanced Courses
Computer Science	Computer Programming & Game Design	College Pre-Calc	AP Calc AB & BC AP Computer Science AP Physics
Information Technology Services	Computer Programming & Game Design	AP Computer Science Principals	AP Computer Science
Environmental Science	Horticulture Floral Design Natural Resources	Advanced Metals Machine Woods Advanced Electronics	
Sciences	Honors Chemistry A/B Chemistry A/B Physics A/B	CIS Chemistry AP Physics	



OCCUPATIONS Twin Cities Metro Area Data from DEED

CLINICAL LAB TECH	MICROBIOLOGIST	ENVIRONMENTAL SCIENTIST	NETWORK SUPPORT SPECIALIST	INFORMATION SECURITY ANALYST
median salary \$67,113	median salary \$97,169	median salary \$94,972	median salary \$81,143	median salary \$131,484
Projected Growth 5.3%	Projected Growth 6.9%	Projected Growth 7.3%	Projected Growth 7.6%	Projected Growth 28.7%
Education Bachelor's Degree	Education Bachelor's Degree	Education Bachelor's Degree	Education Associate's Degree	Education Bachelor's Degree

Recommended Activities/Certifications: Red Cross Club, Horticulture Club, STEM Club
Technology Club, Nintendo Wii Club