HONONEGAH
COMMUNITY HIGH SCHOOL

CTE
HONONEGAH HIGH SCHOOL

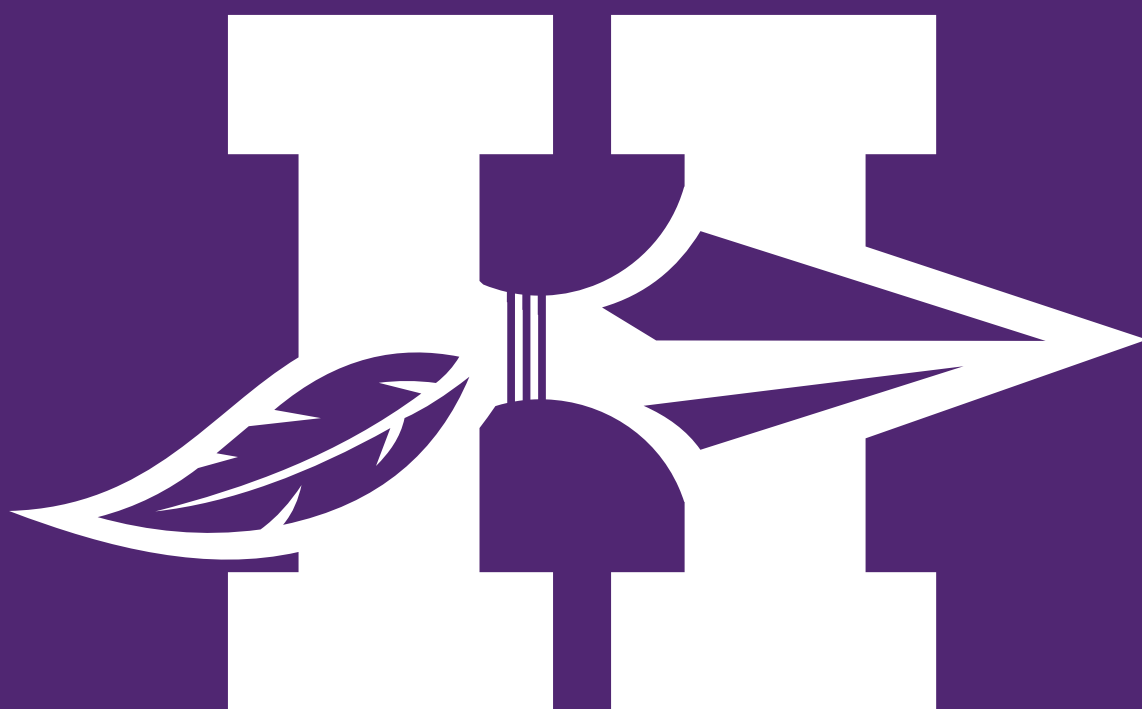PHOTOGRAPHY • AUTOMOTIVE • BUSINESS • ENGINEERING • FAMILY & CONSUMER SCIENCE • GRAPHIC DESIGN • WOODS

Career & Technology Education

Career Pathways

CTE Mission Statement

The mission of Hononegah's Career and Technical Education program is to cultivate potential by integrating rigorous classroom instruction with relevant, technical-based experiences that inspire, guide, and empower students for post-secondary and career opportunities.

CAREER & TECHNOLOGY EDUCATION
TABLE OF CONTENTS

What is Dual Credit ?

Dual Credit Courses
A dual credit course means a college course taken by a high school student for credit at both the college and high school level. Dual credit courses are offered at Hononegah Community High School and at Rock Valley College (RVC). Students in grades 9-12 shall be allowed to enroll in an unlimited amount of dual credit courses and earn an unlimited amount of academic credits from dual credit courses, as provided under the Dual Credit Quality Act for dual credit courses offered at Hononegah Community High School. Students in grades 11 and 12 shall be allowed to enroll in dual credit courses and earn academic credits from dual credit courses, as provided under the school's policy pertaining to part-time student status, at Rock Valley College (RVC). Review the guidelines below regarding students in grades 11 and 12 taking classes at RVC:

• The student must be a Junior or Senior with the exception of the Porter Scholar program through Beloit College which is open to Seniors only.
• Junior students must attend at least five classes at Hononegh Community High School.
• Students can take dual credit classes at the Rock Valley College campus with prior approval using the Alternative Credit Approval Form found on the SSS webpage.
• The student must have college approval to take the class.
• The student assumes responsibility for payment of all fees. Please note, the dual credit classes at RVC are at the regular RVC cost and not the high school cost for classes offered at Hononegah Community High School.
• Grades will be posted to the student's transcript. Senior students with part-time status have the option to not post grades on their transcript if they notify the SSS Office in writing.

Look for this image

AUTOMOTIVE TECHNOLOGY

DO YOU HAVE TECHNICAL APTITUDE?

Take a look at AUTOMOTIVE TECHNOLOGY.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Automobile Technician
- Service Writer
- Parts Sales
- Part Delivery
- Porter (Dealership)
- Sales
- Shop Manager

WHAT IS
AUTOMOTIVE TECHNOLOGY?

The transportation industry is ever changing, and participation in Hononegah's Automotive Technology Program exposes students to Automotive Maintenance and Service, as well as exposure to Hybrid, Diesel, and Full Electric vehicle technologies. Instructor is fully ASE (Automotive Service Excellence) certified. Training program is ASE-MLR (Maintenance and Light Repair) Certified.

HCHS COURSES
LEVEL 1

Automotive Technology I #732

LEVEL 2

Automotive Technology II #734

LEVEL 3

Automotive Technology III #735

Workplace Experience Automotive #750/#752

CERTIFICATIONS
EARNED

Automotive Lift Institute (ALI) Lift Use Training

SP2 - Safety and Environmental Compliance Training

ASE Student Certifications - Auto II and Auto III

SKILL
DEVELOPMENT

- Basic Shop Safety

- Operation and Control of Tools and Equipment

- Active Listening

- Equipment Maintenance

- Operation Monitoring

- Troubleshooting

- Complex Problem Solving

- Judgement and Decision Making

- Critical Thinking

Post Secondary Education

Rock Valley College

Illinois Central College (GM ASEP)

Lincoln Tech

WyoTech

UTI

SIU Carbondale

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN AUTOMOTIVE TECHNOLOGY:

For more information please contact Student Support Services or one of the following program instructors.

Tom Searle - tsearl@hononegah.org

Learn more at: www.hononegah.org

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ADMINISTRATIVE ASSISTANT

ARE YOU SUPER ORGANIZED?

Take a look at ADMINISTRATIVE ASSISTANT.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Correspondence Clerks
- Customer Service Representatives
- Data Entry Keyers
- File Clerks
- General Office Assistant
- Human Resources Assistants
- Office and Administrative Support Workers
- Receptionists and Information Clerks
- Secretaries and Administrative Assistants

WHAT IS
ADMINISTRATIVE ASSISTANT?

Are you organized, detail-oriented, resourceful, adept with technology, and have good verbal and written communication skills? If you enjoy being an integral part of a team then being an administrative assistant may be the career for you. Administrative Assistants facilitate business operations through a variety of logistical planning and organizational duties including information and communication management, data processing and collection, and project tracking.

HCHS COURSES
LEVEL 1

Office Applications #646

Introduction to Graphic Communications #742

LEVEL 2

Business I #627

Financial Accounting #638

LEVEL 3

Career Planning and Resource Management #624

Workplace Experience Administrative Assistant #750/ #752

CERTIFICATIONS
EARNED

Microsoft Office Specialist (MOS) Word

Microsoft Office Specialist (MOS) Excel

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Model behaviors that demonstrate active listening

- Select appropriate personal protective equipment (ergonomics) as needed for a safe workplace/jobsite

- Compose and edit focused copy for a variety of written business documents

- Prepare business communications by integrating graphics and other non-text elements

- Create a spreadsheet, perform calculations and analyses on data using a spreadsheet

- Create tables, charts, and figures to support written and oral communications

- Technical Reading

- Prepare a résumé and letter of application

- Use correct grammar, spelling, punctuation, and capitalization when preparing written documents

Post Secondary Education

Aurora University

Blackhawk Technical College

Concordia University Chicago

DeVry University

Eastern Illinois University

Edgewood College

Elmhurst College

Eureka College

Highland Community College

Illinois Institute of Technology

Illinois Wesleyan University

Kishwaukee College

Lake Forest College

Loyola University Chicago

Madison Area Technical College

Northeastern Illinois University

Rasmussen College

Rock Valley College

Rockford Career College

Rockford University

Sauk Valley Community College

University of Illinois

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN ADMINISTRATIVE ASSISTANT:

For more information please contact Student Support Services or one of the following program instructors.

Sharon Bowman - sbowma@hononegah.org / Jason Brunke - jbrunk@hononegah.org

Erin Pedersen - epeder@hononegah.org

Learn more at: www.hononegah.org

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BUSINESS MANAGEMENT

ARE YOU LEADER?

Take a look at BUSINESS MANAGEMENT.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Agents and Business Managers of Artists, Performers, and Athletes
- General and Operations Managers
- Human Resources Specialists
- Management Analysts
- Operations Research Analysts
- Public Relations and Fundraising Managers
- Sales Managers
- Community Service Managers
- Storage and Distribution Managers
- Training and Development Managers
- Transportation, Storage, and Distribution Managers

WHAT IS

BUSINESS MANAGEMENT?

The Business Management and Administration Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific

skills in organization, time management, customer service and communication.

HCHS COURSES
LEVEL 1

Business I #627

Office Applications #646

Financial Accounting #638

LEVEL 2

Social Media Marketing and Personal Branding #647

Business Law #656

LEVEL 3

Career Planning and Resource Management #624

Entrepreneurship 1 #662

Entrepreneurship II - Business Accelerator #664

Workplace Experience Business Management #750/ #752

CERTIFICATIONS
EARNED

Microsoft Office Specialist (MOS) Word

Microsoft Office Specialist (MOS) Excel

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Integration of software for efficiency and communication

- Timeline and Project management

- Professional speaking and communication

- Customer relationship management

- Networking skills

- Process and procedures for product development

- Interpersonal communication and collaboration

- Timeline and Project management

- Leadership strategies and techniques

- Financial analysis and decision-making

Post Secondary Education

Beloit College

DePaul University

Illinois State University

Loyola University

Marquette University

Miami University (Ohio)

Milikin University

North Central College

Northwestern University

Purdue University

University of Illinois

University of Iowa

University of Wisconsin

University of Wisconsin - Milwaukee

University of Wisconsin-Whitewater

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN BUSINESS MANAGEMENT:

For more information please contact Student Support Services or one of the following program instructors.

Sharon Bowman - sbowma@hononegah.org / Jason Brunke - jbrunk@hononegah.org

Erin Pedersen - epeder@hononegah.org

Learn more at: www.hononegah.org

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MARKETING MANAGEMENT

ARE YOU A COMMUNICATOR OF IDEAS?

Take a look at MARKETING MANAGEMENT.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Advertising and Promotions Managers
- Demonstrators and Product Promoters
- Interior Designers
- Market Research Analysts and Marketing Specialists
- Marketing Managers
- Meeting, Convention, and Event Planners
- Purchasing Agents
- Real Estate Sales Agents
- Sales Managers
- Sales Representatives
- Travel Agents
- Wholesale and Retail Buyers

WHAT IS
MARKETING MANAGEMENT?

People with careers in marketing management formulate policies and direct the operations of businesses, non-profit institutions and other organizations. Depending on the size of the firm, marketing managers will play a role in planning, directing or assuming all advertising, promotions, marketing, sales and public relations responsibilities.

HCHS COURSES
LEVEL 1

Business I #627

Intro to Graphic Communication #742

LEVEL 2

Digital Media Publications #712

Digital Design & Illustration #713 (Dual Credit)

International Business #660

Social Media Marketing and Personal Branding #647

LEVEL 3

Career Planning and Resource Management #624

Entrepreneurship 1 #662

Entrepreneurship 2- Business Accelerator #664

Workplace Experience Marketing #750/ #752

CERTIFICATIONS
EARNED

Adobe Certified Associate in Graphic Design & Illustration (Illustrator)

Adobe Certified Associate in Print & Digital Media Publication (InDesign)

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Interpersonal Communication and Collaboration

- Timeline and Project Management

- Professional Speaking and Communication

- Product Development

- Brainstorming Techniques

- Customer Relationship Management

- Networking Skills

- Developing Branding and Promotional Materials

Post Secondary Education

Bradley University

Butler University

Carroll University

Carthage College

DePaul University

Eastern Illinois University

Loyola University Chicago

Oakton Community College

University of Illinois - Chicago

University of Notre Dame

University of Wisconsin - Madison

University of Wisconsin - Milwaukee

University of Wisconsin - Whitewater

Valparaiso University

Western Illinois University

*Additional post secondary education options are not limited to the above list

IF YOU ARE INTERESTED IN PURSUING A CAREER IN MARKETING MANAGEMENT:

For more information please contact Student Support Services or one of the following program instructors.

Sharon Bowman sbowma@hononegah.org / Jason Brunke jbrunk@hononegah.org
Erin Pedersen epeder@hononegah.org

Learn more at: www.hononegah.org

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FINANCE

ARE YOU DETAILED ORIENTED?
Take a look at FINANCE.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Accountant
- Actuaries
- Budget Analysts
- Credit Analysts
- Financial Analysts
- Financial Managers
- Insurance Claims Adjusters, Examiners, and Investigators
- Loan Officers
- Personal Financial Advisors
- Sales Agents, Financial Services
- Tellers
- Treasurers and Controllers

WHAT IS
FINANCE?

Finance is about a lot more than bean counting! Finance includes understanding accounting processes, economics, banking systems, and personal finances. In finance, you can spend time individually analyzing financial information and working collaboratively in teams processing the information. This cluster focuses on using numbers, mainly dollar amounts, to make recommendations for good personal and business financial decisions.

HCHS COURSES
LEVEL 1

Business I #627

Office Applications #638

LEVEL 2

Business Law #656

Financial Accounting #638

LEVEL 3

Honors Accounting #640

Career Planning and Resource Management #624

Entrepreneurship #662

Entrepreneurship II- Business Accelerator #664

Workplace Experience Finance #750/ #752

CERTIFICATIONS
EARNED

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Source Document Analysis

- Business Transaction Analysis

- Recording Business Transactions

- Create And Interpret Financial Statements

- Financial Ratio Analysis

- Short Term Decision Making Analysis

- Cost-Volume Profit Analysis

- Debt And Equity Financing Analysis

- Time Value of Money Concepts

- Company Case Studies

- Communication and Collaboration

- Technical Reading

Post Secondary Education

Carthage College

Illinois State University

Madison Area Technical College

North Central College

North Park University

Northern Illinois University

Rock Valley College

Rockford University

University of Illinois-Chicago

University of Illinois-Urbana-Champaign

University of Wisconsin-Madison

University of Wisconsin-Whitewater

***Additional post secondary education options are not limited to the above list**

IF YOU ARE INTERESTED IN PURSUING A CAREER IN FINANCE:

For more information please contact Student Support Services or one of the following program instructors.

Sharon Bowman - sbowma@hononegah.org / Jason Brunke - jbrunk@hononegah.org

Erin Pedersen - epeder@hononegah.org

Learn more at: www.hononegah.org

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GRAPHIC DESIGN

ARE YOU SUPER CREATIVE?
Take a look at GRAPHIC DESIGN.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Graphic Designer
- Digital Illustrator
- Creative Director
- Desktop Publisher
- Cartoonist
- Art Director
- Packaging Designer
- Media Specialist
- Communications Strategist
- Logo and Identity Systems Designer
- Storyboard Artist
- Production Assistant
- Marketer
- SEO/SEM Marketing Specialist
- Account Executive

WHAT IS
GRAPHIC DESIGN?

Graphic Design and Interactive Media offers participation in a vibrant creative culture, hands-on learning experiences, and a progressive curriculum that prepares you for a career as a designer in the graphic design and interactive media industry. You'll study with teachers who are practicing designers with diverse experiences and high standards.

HCHS COURSES
LEVEL 1
Introduction to Graphic Communications #742

LEVEL 2
DUAL CREDIT Digital Design & Illustration #713 (Dual Credit)

Digital Media Publication #712

Digital Imaging #741

LEVEL 3
Screen Printing #746

Production Printing #743

Workplace Experience Graphic Design #750/ #752

CERTIFICATIONS
EARNED

Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator

Adobe Certified Professional in Print & Digital Media Publication Using Adobe InDesign

Adobe Certified Professional in Visual Design Using Adobe Photoshop

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Setting Project Requirements

- Designing for a Client and Audience

- Mastering Technical Instructions and Reading

- Timeline and Project Management

- Identifying Design Elements and Principles

- Foundational Understanding of Adobe Products

- Archiving, Exporting and Publishing Images, Graphics and Page Layouts

- Copyright Law, Ethics and Legal Issues

- Creation of a Professional Online Portfolio

Post Secondary Education

Harper Community College

Rock Valley Community College

Illinois State University

Eastern Illinois

Illinois Central College

Western Illinois

Carroll University

Lakeshore Technical College

Milwaukee Area Technical College

University of Wisconsin Stout

Ferris State University

Western Michigan

Ball State

Purdue

University of Northern Iowa

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN GRAPHIC DESIGN:

For more information please contact Student Support Services or one of the following program instructors.

Brad Bond - bbond@hononegah.org / Rebecca Robinson - rrobin@hononegah.org

Cari Vanderheyden - cvande@hononegah.org

Learn more at: www.hononegah.org

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MULTIMEDIA DESIGN

ARE YOU CREATIVE?

Take a look at MULTIMEDIA DESIGN.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Web Designer
- Advertising/Marketing Designer
- Motion Graphics Designer
- Interactive Designer
- Art Director
- Application Designer
- Interface Designer
- Web Administrator
- Social Networking Specialist
- SEO/SEM Specialist
- Video Graphics, Special Effects, and Animation
- Computer Technical Support
- Video Production Specialist

WHAT IS
MULTIMEDIA DESIGN?

Multimedia Design offers participation in a vibrant creative culture, hands-on learning experiences, and a progressive curriculum that prepares you for a career as a web designer, video production specialist, and application designer in the graphic design and interactive media industry. You'll study with teachers who are practicing designers with diverse experiences and high standards.

HCHS COURSES
LEVEL 1

Introduction to Graphic Communications #742

LEVEL 2

Web Design #649 (Dual Credit)

Video Production #744

Digital Design & Illustration #713 (Dual Credit)

LEVEL 3

Advanced Video Production #747

Workplace Experience Multimedia Design #750/ #752

CERTIFICATIONS
EARNED

Adobe Certified Associate in Graphic Design & Illustration (Illustrator)

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Setting Project Requirements

- Designing for a Client and Audience

- Mastering Technical Instructions and Reading

- Timeline and Project Management

- Identifying Design Elements and Principles

- Foundational Understanding of Adobe Products

- Archiving, Exporting and Publishing Images, Graphics and Page Layouts

- Copyright Laws, Ethics, Legal Issues

- Creation of a Professional Online Portfolio

Post Secondary Education

Harper Community College

Rock Valley Community College

Illinois State University

Eastern Illinois

Illinois Central College

Western Illinois

Carroll University

Lakeshore Technical College

Milwaukee Area Technical College

University of Wisconsin Stout

Ferris State University

Western Michigan

Ball State

Purdue

University of Northern Iowa

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN MULTIMEDIA DESIGN:

For more information please contact Student Support Services or one of the following program instructors.

Brad Bond - bbond@hononegah.org / Rebecca Robinson - rrobin@hononegah.org

Cari Vanderheyden - cvande@hononegah.org

Learn more at: www.hononegah.org

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PHOTOGRAPHY

ARE YOU A STORY TELLER?
Take a look at PHOTOGRAPHY.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Portrait Photographer
- Commercial Photographer
- Scientific Photographer
- Photojournalist/News Photographer
- Freelance Photographer
- Digital Photographers
- Commercial Artist
- Commercial Illustrators

WHAT IS
PHOTOGRAPHY?

Photography offers participation in a vibrant creative culture, hands-on learning experiences, and a progressive curriculum that prepares you for a career as a freelance photographer, commercial photographer, and portrait photographer in the graphic design and interactive media industry. You'll study with teachers who are practicing photographers with diverse experiences and high standards.

HCHS COURSES
LEVEL 1

Introduction to Graphic Communications #742

Photography #740

LEVEL 2

Digital Imaging #741

Digital Design & Illustration #713 (Dual Credit)

LEVEL 3

AP Studio Art #547

Student Assistant / Independent Study

Workplace Experience Photography #750/ #752

CERTIFICATIONS
EARNED

Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator

Adobe Certified Professional in Visual Design Using Adobe Photoshop

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Setting Project Requirements

- Designing for a Client and Audience

- Mastering Technical Instructions and Reading

- Timeline and Project Management

- Identifying Design Elements and Principles

- Utilizing a Film and Digital Camera

- Chemical Processing

- Foundational Understanding of Adobe Products

- Archiving, Exporting and Publishing Images, Graphics and Page Layouts

- Copyright Laws, Ethics, Legal Issues

- Creation of a Professional Online Portfolio

Post Secondary Education

Harper Community College

Rock Valley Community College

Illinois State University

Eastern Illinois

Illinois Central College

Western Illinois

Carroll University

Lakeshore Technical College

Milwaukee Area Technical College

University of Wisconsin Stout

Ferris State University

Western Michigan

Ball State

Purdue

University of Northern Iowa

*Additional post secondary education options are not limited to the above list

IF YOU ARE INTERESTED IN PURSUING A CAREER IN PHOTOGRAPHY:

For more information please contact Student Support Services or one of the following program instructors.

Brad Bond - bbond@hononegah.org / Rebecca Robinson - rrobin@hononegah.org

Cari Vanderheyden - cvande@hononegah.org

Learn more at: www.hononegah.org

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S.T.E.M.

ARE YOU A PROBLEM SOLVER?
Take a look at PROJECT LEAD THE WAY.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Aeronautical Engineer
- Aerospace Engineer
- Architectural Engineer
- CAD Technician
- Chemical Engineer
- Civil Engineer
- Computer Engineer
- Electrical Engineer
- Electronics Technician
- Industrial Engineer
- Manufacturing Engineer
- Manufacturing Technician
- Mechanical Engineer
- Metallurgist
- Product/Process Engineer

WHAT IS
S.T.E.M.?

This pathway helps students understand the field of engineering/engineering technology. Students are encouraged to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimension modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

HCHS COURSES
LEVEL 1

DUAL CREDIT Introduction to Engineering Design #723 (Dual Credit)

Principles of Engineering Design #701

PLTW Computer Science Essentials #725

LEVEL 2

Computer Integrated Manufacturing #703

Civil Engineering and Architecture #724

LEVEL 3

AP Computer Science Principles #726

Honors Engineering Design and Development #727

Industrial Internship

Workplace Experience STEM #750/ #752

CERTIFICATIONS
EARNED

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Design Process

- Introductory and Advanced 3D CAD Modeling

- Energy and Power

- Introduction to Materials and Structures

- Statics

- Introductory and Advanced Robotic Programming

- Creation of Integrated Manufacturing Systems

- Fundamentals of CNC Programming

- Timelines and Project Management

Post Secondary Education

University of Illinois -Urbana-Champaign

University of Illinois - Chicago

Southern Illinois University Edwardsville

Northern Illinois University

Bradley University

Northwestern University

University of Wisconsin - Madison

University of Wisconsin - Milwaukee

University of Wisconsin - Platteville

Rock Valley Community College

Blackhawk Technical College

Kishwaukee College

Highland Community College

*Additional post secondary education options are not limited to the above list

IF YOU ARE INTERESTED IN PURSUING A S.T.E.M.?

For more information please contact Student Support Services or one of the following program instructors.

Liz McLevige - lmclev@hononegah.org / Jason Glodowski -jglodo@hononegah.org

Learn more at: www.hononegah.org

MANUFACTURING PRODUCTION

ARE YOU A CRITICAL THINKER?

Take a look at MANUFACTURING PRODUCTION?

TYPICAL JOBS
INDUSTRY OVERVIEW

- Electrician and Electronic Technician
- Automated Manufacturing Technician
- Construction Superintendent / Estimator
- Carpenter
- Cabinet maker / installer
- Manufacturing Technician
- Set-Up Operator
- Machine Operator
- Milling Machine Setter
- Set-Up Operator
- Millwright Pattern and Model Maker Precision
- Layout Worker
- Sheet Metal Worker
- Solderer and Brazier
- Tool and Die Maker
- Welder
- Plumber or Pipefitter
- Precision Inspector, Tester and Grader
- Process Improvement Technician
- Production Manager

WHAT IS
MANUFACTURING PRODUCTION?

Manufacturing and Production Process Pathway describes people with careers in production work; creating and making products in many different career paths or realms. They design and interpret blueprints, estimate materials needed, estimate timelines, and quote prices. They also work with machines and tools, making or assembling parts and products, constructing or assembling them. Careers in this pathway will work with many different materials from woods, metals, plastics, or possibly even building entire homes or commercial structures.

HCHS COURSES
LEVEL 1

Introduction to Manufacturing #700

Introduction to Engineering Design #723 (Dual Credit)

DUAL CREDIT

LEVEL 2

Cabinetry and Millwork #704

Machining Fundamentals #706

Cabinetry and Millwork II #705

Introduction to Construction #702

Computer Integrated Manufacturing #703

Civil Engineering and Architecture #724

LEVEL 3

Industrial Internship

Workplace Experience Manufacturing Production #750/ #752

CERTIFICATIONS
EARNED

Precision Exam National Certifications

OSHA 10 certification

WCA (Woodworking Career Alliance) National Certification

SKILL
DEVELOPMENT

- Students will understand safe practices and professional industrial shop and jobsite work procedures

- Students will be able to apply mathematical and scientific concepts

- Students will be able to interpret engineering drawings and control documents

- Students will perform measurement/inspection

- Students will be able to use complex problem-solving skills and critical thinking

- Students will understand and demonstrate the effective use of machines in both the woodworking/construction and machining areas.

Post Secondary Education

University of Illinois - Urbana-Champaign

Southern Illinois University Edwardsville

Northern Illinois University

Bradley University

University of Wisconsin - Madison

University of Wisconsin - Milwaukee

University of Wisconsin - Platteville

Rock Valley Community College

Blackhawk Technical College

Kishwaukee College

Highland Community College

Madison Area Technical College

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN MANUFACTURING PRODUCTION:

For more information please contact Student Support Services or one of the following program instructors.

Liz McLevige - lmclev@hononegah.org / Jason Glodowski -jglodo@hononegah.org

Learn more at: www.hononegah.org

CHILD DEVELOPMENT

DO YOU LIKE AND RELATE TO CHILDERN?
Take a look at CHILD DEVELOPMENT.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Child Life Specialist
- Parent Educator
- Child Welfare Worker
- Home Daycare Provider
- Nanny
- Child center Programs
- Early Intervention
- Head Start / Preschools
- After School Programs
- Children's Museums
- Prenatal and Maternity Services
- Teacher
- Health Care
- Law Enforcement
- Hospitality

WHAT IS
CHILD DEVELOPMENT?

Child development and Education pathway includes hands on experiences while building knowledge that will prepare you for jobs working effectively with young children and their families. It also provides a strong foundation for further study. You'll learn about early childhood and prenatal development; family systems, substitute care providers

and how they can have a lifelong, positive impact on all areas of a child's development.

HCHS COURSES
LEVEL 1

Parenting #618

LEVEL 2

Child Growth and Development #620

Interior Decorating #617

LEVEL 3

Workplace Experience Childcare #750/ #752

CERTIFICATIONS
EARNED

IL Gateways ECE Level 1 (Early Care Educator 1)

IL DCFS Mandated Reporter

Shaken Baby Syndrome (SBS)

Sudden Unexpected Infant Death (SUID)

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Students will recognize the characteristics and responsibilities of parenting

- Patterns of growth and factors that influence growth will be identified for all areas of development: physical, social, emotional, cognitive, language and moral development

- Students will understand reproduction, pregnancy, prenatal care, childbirth and infant care

- Students will learn positive guidance techniques and build coping skills

- Students will implement Developmentally Appropriate Practices (DAP) when planning activities or curriculum for young children

- Plan meals according to Dietary Guidelines

- Create plans for a physically safe and emotionally secure environment

- Develop effective Employment Skills

Post Secondary Education

Rock Valley College

Blackhawk Technical College

Elgin Community College

College of Dupage

Rasmussen College - Rockford

Northern Illinois University

Western Illinois University

University of North Carolina at Chapel Hill

Purdue University

Illinois State University

University of Illinois

University of Wisconsin- Whitewater

*Additional post secondary education options are not limited to the above list

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IF YOU ARE INTERESTED IN PURSUING A CAREER IN CHILD DEVELOPMENT:

For more information please contact Student Support Services or one of the following program instructors.

Wendy Blackburn - wblack@hononegah.org / Nicole Johnson - njohns@hononegah.org
Denise Werner- dwerne@hononegah.org

Learn more at: www.hononegah.org

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NUTRITION AND CULINARY

DO YOU ENJOY CUSTOMER SERVICE?

Take a look at NUTRITION AND CULINARY.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Chef/Sous Chef
- Server
- Restaurant Manager/owner
- Caterer
- Nutritionist
- Health Educator
- Food Scientist
- Dietitian
- Dietetic Technician
- Health & Wellness Coordinator
- Public Health Nutritionist
- Animal Nutritionist
- Food Service Manager
- Family & Consumer Science Educator

WHAT IS
NUTRITION AND CULINARY?

Nutrition and Culinary Arts offers participation in creative, hands-on learning experiences that introduce you to careers in culinary arts and nutritional sciences. You'll study with teachers with diverse culinary and nutrition career experience.

HCHS COURSES
LEVEL 1

Introduction to Culinary Arts #609/611

LEVEL 2

Culinary Arts & Nutrition 1: Cooking, Baking & Pastries #604

Culinary Arts & Nutrition 2: Global Cooking & Culinary Techniques #605

LEVEL 3

Culinary Arts & Nutrition 2: Industry Management #606

Workplace Experience Culinary #750/#752

CERTIFICATIONS
EARNED

ANSI Food Handler

Precision Exam National Certifications

SKILL
DEVELOPMENT

- Food Safety and Sanitation
- Plating and Garnishing
- Nutrition Planning
- Nutritional Analysis
- Food Science and Technology
- Sustainability and Hydroponics
- Knife Skills
- Food Purchasing
- Catering
- Food Handling and Preparation
- Recipe Conversions and Equivalent Measures
- Menu Design and Planning
- Catering and Quantity Food Production
- Restaurant Operations

Post Secondary Education

Blackhawk Technical College

Elgin Community College

College of Dupage

Kendall College

Madison Area Technical College

Northern Illinois University

Illinois State University

University of Wisconsin Madison

University of Wisconsin Milwaukee

University of Wisconsin Stout

***Additional post secondary education options are not limited to the above list**

IF YOU ARE INTERESTED IN PURSUING A CAREER IN NUTRITION AND CULINARY:

For more information please contact Student Support Services or one of the following program instructors.

Wendy Blackburn - wblack@hononegah.org / Nicole Johnson - njohns@hononegah.org
Denise Werner- dwerne@hononegah.org

Learn more at: www.hononegah.org

BACK TO INDEX

Apparel and Design

DO YOU LIKE TO DESIGN, DECORATE OR CREATE?

Take a look at APPAREL AND DESIGN.

TYPICAL JOBS
INDUSTRY OVERVIEW

- Merchandisers
- Retail Buyer
- Tailor/Dressmaker
- Fashion Designer
- Fashion/Personal Stylist
- Fashion Illustrator/Writer
- Home decor and staging
- Textile Designer
- Pattern Maker
- Clothing/Textile manufacturing
- Quality Control
- Machine operator/technician
- Landscaper
- Floor plan design

WHAT IS
NUTRITION AND CULINARY?

The Apparel and Design pathway will allow you to express yourself!

Through hands-on training in clothing construction and design, you'll gain technical skills for job entry. Skilled professionals are needed in many industries including apparel, shoemaking, and furniture manufacturing. Advanced

textile skills and training can often be learned on the job, by attending a vocational school or by pursuing a college degree in your area of interest.

HCHS COURSES
LEVEL 1

Introduction to Clothing Construction #602

Interior Decorating #617

LEVEL 2

Clothing Construction II #603

LEVEL 3

Workplace Experience Apparel and Design #750/ #752

CERTIFICATIONS
EARNED

ANSI Food Handler

Precision Exam National Certifications

SKILL DEVELOPMENT

- Gain knowledge of sewing machine parts, their function, safety, and maintenance.

- Recognize fiber characteristics, construction, uses and care.

- Use basic sewing equipment in the construction of clothing and home textiles

- Use commercial patterns, envelopes and guide sheets for apparel construction

- Creatively repurpose fabric and textiles

- Demonstrate various methods of interior design presentation

- Students will design home space utilizing color schemes, elements of design and principles of design

- Students will design interior floor space to scale while considering its function, traffic flow and living zones

- Students will demonstrate knowledge of exterior housing styles, features and roofs

- Students will rationalize landscape design by function, aesthetics, climate and direction.

Post Secondary Education

Capella University

Joliet Junior College

Harrington College of Design

Robert Morris

University of Hawaii Maui College: Fashion Technology

University of Rhode Island:: Master Seamstress I Certificate Program

Minneapolis Community & Technical College: Apparel Tech

San Diego Continuing Education: Fashion and Textiles

Madison, WI Area Technical College: Sewing and Fiber Washtenaw Community College (Ann Arbor, MI): Sewing and Upholstery

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