

**NCHS IRONMEN**

**Course**

**Selection**

**2024 -  
2025**

**BY CAREER CLUSTER**

An asterisk (\*) represents one of the  
16 nationally recognized career  
clusters

H - Honors  
DC - Dual Credit  
AP - Advanced Placement  
BACC - Bloomington Area Career Center  
CTE - Career Technical Education

Internships and Innovative Entrepreneurs  
available for all pathways

### **\*Agriculture, Food & Natural Resources**

Intro to Ag, Food & Nat Resources  
Introduction to Animal Science (DC)  
Agribusiness Management

Agricultural Mechanics & Tech  
Physical Science App in Agriculture  
Veterinary Science

Culinary Arts 1,2 (BACC)  
Environment Earth (DC)  
Earth & Space Science

### **\*Arts & Communication**

Creative Careers in Arts  
Graphic Design 1,2  
Drawing & Painting 1,2  
Ceramics & Sculpture 1,2  
Advanced Art Studio 1,2  
AP Art History  
Photography 1,2

Yearbook/Desktop Publishing 1,2,3  
AP art 2-D Design  
Creative Writing  
Theater 1,2  
Advanced Acting & Directing  
Film as Literature  
Journalism 1,2,3

Intro to Oral Communication  
(DC)  
Housing & Interior Design 1,2  
Foundations of Fashion  
Clothing Construction  
Sewing Studio  
Band/Choir/Orchestra  
American Popular Music

AP Music Theory (AP)  
Honors Music Theory 2  
Video & Multimedia Technology  
Advanced Video & Multi Tech  
Intro to Animation & Rendering  
Graphic Design & Video Prod 1,2  
(BACC)  
Intro to the Humanities (DC)

### **Finance & Business Services**

#### **\*Finance**

Accounting  
Advanced Accounting  
Personal Investment & Finance  
Consumer Ed  
Pre-Calculus

Probability & Statistics  
AP Statistics (AP)  
Introduction to Statistics (DC)  
Honors Pre-Calculus (H)

AP Calculus AB (AP)  
AP Calculus BC (AP)  
Honors Calculus 3 (H)  
Economics

#### **\*Business Management & Administration**

Pre-Calculus  
Probability & Statistics  
AP Statistics (AP)  
Introduction to Statistics (DC)  
Honors Pre-Calculus (H)  
Finite Math for Business & Social Science (DC)

AP Calculus AB (AP)  
AP Calculus BC (AP)  
Honors Calculus 3 (H)  
Economics  
Intro to Business  
Sports & Entertainment Marketing

Accounting  
Advanced Accounting  
Business Management  
Business Law  
Agribusiness Management  
International Relations

#### **\*Hospitality & Tourism**

Sports & Entertainment Marketing  
Intro to Ag, Food & Nat Resources

Culinary Arts 1,2 (BACC)

Foreign Languages

#### **\*Marketing, Sales & Service**

Introduction to Business  
Sports & Entertainment Marketing

Accounting  
Advanced Accounting

Business Law  
Digital Productivity  
Digital Creativity

### **\*Health Sciences & Technology**

Introduction to Animal Science  
Veterinary Science  
Child Development  
Principles of Nutrition  
Health  
Physical Education  
Biology  
Honors Biology (H)

Biological Sciences Apps in Agriculture  
Principles of Nutrition  
Molecular/Structural Biology  
AP Biology (AP)  
Chemistry  
Honors Chemistry (H)  
AP Chemistry  
Fundamentals of Chemistry (DC)

Physics  
AP Physics C (AP)  
EMT Basic (BACC)  
Health Careers & Medical  
Terminology (BACC)  
Nurse Assistant (BACC)  
Advanced CNA (BACC)

## **\*Human & Public Services**

### **\*Education**

Child Development  
Educating Young Children 1,2 (CTE)  
Introduction to Education (DC)

Education Internship  
Unified Physical Education

Psychology  
AP Psychology  
Sociology

### **\*Government & Public Administration**

Multicultural Studies  
Psychology  
AP Psychology (AP)

Sociology  
Economics  
Intro to the Humanities (DC)  
Human Geography

AP Human Geography  
AP Government & Politics US (AP)  
AP Comparative Government (AP)  
Business Law

### **\*Human Services**

Psychology  
AP Psychology  
Sociology  
Culinary Arts 1,2 (BACC)  
Child Development  
Parenting  
Educating Young Children 1,2 (CTE)

Introduction to Education (DC)  
Education Internship  
Foreign Languages  
Personality, Behavior & Relationships  
Housing & Interior Design 1,2  
Economic

Foundations of Fashion  
Clothing Construction  
Sewing Studio  
Cosmetology 1,2, 3 (BACC)  
Barbering 1,2 (BACC)  
Esthetics (BACC)

### **\*Law, Public Safety & Security**

AP Government & Politics US (AP)  
AP Comparative Government (AP)  
Sociology  
International Relations

Business Law  
Economics  
Intro to Oral Communications (DC)  
Intro to Logic

Criminal Justice/Law 1,2 (BACC)  
Fire Science (BACC)  
EMT Basic (BACC)

## **Information Technology**

Computer Science Essentials  
Cybersecurity  
Human Geography

AP Human Geography  
AP Computer Science Principles (AP)  
AP Computer Science (AP)

Computer Tech & Networking  
1,2,3 (BACC)  
Cybersecurity (BACC)

## **Manufacturing, Engineering, Trades**

### **\*Architecture & Construction**

Construction Trades 1,2 (BACC)  
Intro to Technology Concepts  
Introduction to Metal and Woods Technology  
Intro to Engineering Design  
Principles of Engineering

Physics  
AP Physics  
Civil Engineering & Architecture  
Woodworking Technology  
Advanced Woodworking Technology

Robotics & Engineering 1,2 (BACC)  
Drawing & Painting 1,2  
Housing & Interior Design 1,2

### **\*Industrial & Service Technology / Manufacturing**

Physics  
AP Physics C (AP)  
Pre-Calculus  
Introduction to Metal and Woods Technology  
Agricultural Mechanics & Tech

Intro to Engineering Design  
Metal Working Technology  
Advanced Metal Working Technology  
Automotive Technology 1,2 (BACC)

Robotics & Engineering 1,2 (BACC)  
Welding 1,2 (BACC)  
Laborer's Training (BACC)  
Trades & Manufacturing (BACC)

### **\*Science, Technology, Engineering & Math**

Pre-Calculus  
AP Statistics (AP)  
AP Calculus AB (AP)  
AP Calculus BC (AP)  
Honors Calculus 3 (H)  
Biology  
Honors Biology  
AP Biology  
Biological Science Apps in Agriculture

Physical Science App in Agriculture  
Molecular/Structural Biology  
Chemistry  
Honors Chemistry  
Fundamentals of Chemistry (DC)  
AP Chemistry  
Intro to Animation & Rendering  
Video & Multimedia Technology  
Robotics & Engineering 1,2 (BACC)

Physics  
AP Physics C (AP)  
Environment Earth (DC)  
Earth & Space Science  
Biological Engineering  
Introduction to Engineering (CTE)  
Principles of Engineering (CTE)  
Civil Engineering & Architecture (CTE)