

# HHS CURRICULUM SEQUENCE OF COURSES

## 2010 – 2011

The following sequences are guidelines to help choose courses. A student may select a path in one department and choose a different path in other departments. Courses should be selected based upon the individual's needs, abilities, and future career plans.

**PATH 1:** This path is generally for the student who needs to improve reading skills.

**PATH 2:** This path is for students that may or may not go to college but want to meet the minimum college entrance requirements.

**PATH 3:** This path is for college prep students that are looking for a challenge throughout their high school career.

### ENGLISH DEPARTMENT

PATH 1	PATH 2	PATH 3
<b>Freshman</b>	<b>Freshman</b>	<b>Freshman</b>
Basic English I	English I	Honors English I
<b>Sophomore</b>	<b>Sophomore</b>	<b>Sophomore</b>
Basic English II	English II	Honors English II
<b>Junior</b>	<b>Junior</b>	<b>Junior</b>
Basic English III	English III	Honors English III
Literature in Pop Culture (0.5 credit)		
<b>Senior</b>	<b>Senior</b>	<b>Senior</b>
Basic Novels	English IV	AP English Lit & Comp
Literature in Pop Culture (0.5 credit)	Composition	

#### English Electives: (1 semester/0.5 credit classes)

Best Sellers (9-12)	Oral Communications (9-11)
Creative Writing I (10-12)	Public Speaking (11-12)
Creative Writing II (10-12)	Real World Writing (11-12)
Drama & Stagecraft (9-12)	Scholarship Essay Writing (11-12)
Gothic Literature (10-12)	Science Fiction (9-12)
Greek Mythology I (9-12)	Shakespeare I (10-12)
Greek Mythology II (9-12)	Shakespeare II (10-12)
International Debate (9-12)	Women in Literature (9-12)
Literature in Hollywood (9-12)	School Publication (10-12) Full year – 1 credit
Literature of the Holocaust (9-12)	

Note: All English classes are full year/1 credit classes unless otherwise noted.

**NOTE:** School Publication and Drama & Stagecraft do not count toward the 4-year English requirement for graduation.

## MATHEMATICS DEPARTMENT

<b>PATH 1</b>	<b>PATH 2</b>	<b>PATH 3</b>
<b>Freshman</b>	<b>Freshman</b>	<b>Freshman</b>
Algebra IA/Algebra IB*	Algebra I	Honors Geometry
<b>Sophomore</b>	<b>Sophomore</b>	<b>Sophomore</b>
Basic Geometry	Geometry	Honors Algebra II
<b>Junior</b>	<b>Junior</b>	<b>Junior</b>
Algebra II	Algebra II	Honors Pre Calculus
<b>Senior</b>	<b>Senior</b>	<b>Senior</b>
Pre Calculus	Pre Calculus	Calculus
		AP Calculus AB

### Math Electives: (1 semester/0.5 credit classes)

Statistics in Sports and Weather (9-10)

ACT Test Prep (11-12)

**Note:** All Mathematics classes are full year/1 credit classes unless otherwise noted.

\*Algebra 1A/IB is a full year double blocked course worth 2 credits.

**Note:** The math elective courses, Statistics in Sports and Weather and ACT Test Prep, may not be used to meet the three year math requirement for graduation. Beginning with the class of 2009, Illinois law requires 3 years of math, including Algebra and Geometry.

## SCIENCE DEPARTMENT

<b>PATH 1</b>	<b>PATH 2</b>	<b>PATH 3</b>
<b>Freshman</b>	<b>Freshman</b>	<b>Freshman</b>
Life Science	Integrated Science	Honors Biology I
<b>Sophomore</b>	<b>Sophomore</b>	<b>Sophomore</b>
Physical Science	Biology I	Honors Chemistry
<b>Junior</b>	<b>Junior</b>	<b>Junior</b>
Conceptual Physics	Chemistry I	AP Biology (1.5 credits)
	Anatomy & Physiology	AP Chemistry (1.5 credits)
<b>Senior</b>	<b>Senior</b>	<b>Senior</b>
Biology	Physics	AP Chemistry (1.5 credits)
Biological Science App. in Ag	Chemistry II	Honors Physics
Physical Science App. in Ag	Anatomy & Physiology	AP Biology (1.5 credits)

**Note:** All Science classes are full year/1 credit classes unless otherwise noted.

**Note:** Only path 3 junior and senior courses are weighted. However, students are encouraged to take additional courses while enrolled in weighted courses.

## SOCIAL STUDIES DEPARTMENT

<b>PATH 1</b>	<b>PATH 2</b>	<b>PATH 3</b>
<p style="text-align: center;"><b>Freshman</b></p> <p style="text-align: center;">Basic World History*</p> <p style="text-align: center;"><b>Sophomore</b></p>  <p style="text-align: center;"><b>Junior</b></p> <p style="text-align: center;">Basic United States History*</p>   <p style="text-align: center;"><b>Senior</b></p>	<p style="text-align: center;"><b>Freshman</b></p> <p style="text-align: center;">World History*</p> <p style="text-align: center;"><b>Sophomore</b></p>  <p style="text-align: center;"><b>Junior</b></p> <p style="text-align: center;">United States History*</p>   <p style="text-align: center;"><b>Senior</b></p> <p style="text-align: center;">AP Microeconomics AP Macroeconomics AP US Government &amp; Politics</p>	<p style="text-align: center;"><b>Freshman</b></p> <p style="text-align: center;">Honors World History*</p> <p style="text-align: center;"><b>Sophomore</b></p> <p style="text-align: center;">AP European History</p>  <p style="text-align: center;"><b>Junior</b></p> <p style="text-align: center;">AP United States History* AP US Government &amp; Politics AP European History AP Macroeconomics</p>  <p style="text-align: center;"><b>Senior</b></p> <p style="text-align: center;">AP Microeconomics AP Macroeconomics AP European History AP US Government &amp; Politics</p>

**Social Studies Electives: (1 semester/0.5 credit classes)**

- American Civil War (10-12)
- Economics (9-11)
- Eastern Geography (9-12)
- European Monarchies (10-12)
- Geography (9-12)
- Government (9-12)
- Psychology (11-12)
- Sociology (11-12)
- Women's Biography (10-12)

Note: All Social Studies classes are full year/1 credit classes unless otherwise noted.

\*denotes required class.

The following is the sequence of courses for the other departments at Highland High School.

## AGRICULTURE DEPARTMENT

\* Notes: Students are not restricted to courses listed in a path. Integration from all paths is encouraged. Cooperative Education opportunities are available to seniors and can be added to any path. Orientation to Technology is suggested for students who wish to explore current technologies and wish to explore the various courses offered at HHS, specifically within the Technology, Manufacturing, Agriculture or Building Trades fields.

\*\* Home Repairs I & II are designed for students that are not enrolled in other vocational arts courses but are interested in learning the basic use of manual hand tools as well as simple power tools.

\*All Intro to Agriculture students will begin in a SOEP Record Book and are encouraged to keep these all 4 years.

Horticulture Sequence	Ag Mechanics	Ag Business Management/Science
<b>Freshman</b> Intro to Agriculture	<b>Freshman</b> Intro to Agriculture	<b>Freshman</b> Intro to Agriculture
<b>Sophomore</b> Intro to Horticulture or Ag Science	<b>Sophomore</b> PSAA or Ag Science	<b>Sophomore</b> Ag Science or BSAA
<b>Junior</b> Ag Greenhouse Management Ag Landscape and Turfgrass Mgt. I Floral Design	<b>Junior</b> PSAA Ag Machinery Service Construction I Ag Construction & Technology I (Ag Welding I)	<b>Junior</b> BSAA Ag Machinery Pre-Veterinary I
<b>Senior</b> Ag Greenhouse Management Ag Landscape and Turf Mgt. I Floral Design Ag Business Management Diversified COOP	<b>Senior</b> Ag Power Machinery Construction II Diversified COOP Ag Construction & Technology II (Ag Welding II) Ag Power Mechanics	<b>Senior</b> Ag Business Management Diversified COOP Pre-Veterinary II

Note: All classes in the Agriculture Department are full year/1 credit classes.

### Alphabetical list with grade levels

Ag Business Management (12)	Ag Science (10)	Floral Design (11-12)
Ag Greenhouse Management (11-12)	BSAA (10-12)	Home Repairs I & II (9-12)
Ag Landscape and Turf Mgt. I (11-12)	Construction I (11)	Intro to Agriculture (9-10)
Ag Machinery Service (11)	Construction II (12)	Intro to Horticulture (10)
Ag Power Machinery (12)	Diversified COOP (12)	PSAA (10-12)
		Pre-Veterinary I (11-12)
		Pre-Veterinary II (12)

**College Bound Students** are encouraged to gain exposure to topics in technology, manufacturing, agriculture, horticulture and construction practices. Those students with an interest in Science and Engineering will benefit from gaining a greater understanding of the various types of Engineering careers that are possible through these fields. For in depth information on all of the courses offered in the technology, manufacturing, or agriculture department - please contact one of our instructors.

## ART DEPARTMENT

Note: Students must take Art I and Art II as a prerequisite to all other art courses. Students may enter the art program at any time: however those participating in Advanced Placement Portfolio must take an art class each semester. It is recommended that students remain in the same studio area both semesters in a school year unless scheduling makes this impossible. Students can choose to take all three studio areas during their high school career or focus on one area.

Painting	Ceramics/Sculpture	Advanced Drawing/Prints
Art I (1 <sup>st</sup> sem) Art II (2 <sup>nd</sup> sem)	Art I (1 <sup>st</sup> sem) Art II (2 <sup>nd</sup> sem)	Art I (1 <sup>st</sup> sem) Art II (2 <sup>nd</sup> sem)
Painting I (1 <sup>st</sup> sem) Painting II (2 <sup>nd</sup> sem)	Ceramics/Sculpt. I (1 <sup>st</sup> sem) Ceramics/Sculpt. II (2 <sup>nd</sup> sem)	Adv. Draw/Prints I (1 <sup>st</sup> sem) Adv. Draw/Prints II (2 <sup>nd</sup> sem)
The following courses require teacher recommendation:		
Painting III (1 <sup>st</sup> sem) Painting IV (2 <sup>nd</sup> sem)	Ceramics/Sculpt. III (1 <sup>st</sup> sem) Ceramics/Sculpt. IV (2 <sup>nd</sup> sem)	Adv. Draw/Prints III (1 <sup>st</sup> sem) Adv. Draw/Prints IV (2 <sup>nd</sup> sem)

Note: All Art classes are semester/0.5 credit classes.

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## MUSIC DEPARTMENT

Note: Classes with an \* require an audition, membership in a performing ensemble, or teacher recommendations.

### **Freshman & Sophomore**

#### Full Year (1 Credit)

Acappella Choir\*  
Band\* (Marching; Concert; Symphonic)  
Mixed Chorus  
Treble Choir  
Flags

#### One Semester (0.5 Credit)

Music Appreciation  
Music Theory/Ear Training I  
AP Music Theory\*  
Musical Theater  
Vocal Technique\*  
World Music

### **Junior & Senior**

#### Full Year (1 Credit)

Acappella Choir\*  
Band\* (Marching; Concert; Symphonic)  
Mixed Chorus  
Treble Choir  
Flags

#### One Semester (0.5 Credit)

Music Appreciation  
Music Theory/Ear Training I  
AP Music Theory\*  
Musical Theater  
Vocal Technique\*  
World Music

# BUSINESS/COMPUTER INFORMATION SYSTEMS DEPARTMENT

## Notes:

- Students are not restricted to courses listed in a path; integration from all paths is encouraged.
- Community Service and Consumer Education classes not listed in the paths below serve as compliments to all paths.
- The JILG (Jobs For Illinois Graduates) course is for seniors only and can be added to any path.

*Suggested Paths* for Marketing, Office Occupations, TV/Radio, and Web Design interests.

## Marketing

### Freshman

Computer Concepts or Business Ethics

### Sophomore

Word Processing & Business Presentations

Spreadsheets & Databases

Economics

### Junior

Intro to Marketing (2 semesters)

Accounting (2 semesters)

### Senior

AP Macroeconomics (2 semesters)

AP Microeconomics (2 semesters)

Co-Op Marketing (2 semesters)

## TV/Radio

### Freshman

Tech Orientation (2 semesters)

### Sophomore

TV/Radio I (2 semesters)

### Junior

TV/Radio II (2 semesters)

### Senior

TV/Radio Master Technician

## Office Occupations

### Freshman

Computer Concepts or Business Ethics

### Sophomore

Word Processing & Business Presentations

Spreadsheets & Databases

### Junior

Accounting (2 semesters)

### Senior

Co-Op Office (2 semesters)

## Web Design

### Freshman

Comp. Concepts or Word Proc. & Business Presentations

Desktop Publishing (optional)

### Sophomore

Web Graphics

Web Design I

### Junior

Web Design II

Web Design III

### Senior

Note: All Business/Computer Information System classes are 0.5 credits per semester

## Alphabetical Course List with Grade Levels

Accounting (11-12)

Business Ethics (9-10)

Co-Op Marketing/Management Occupations (12)

Co-Op Office/Administrative Occupations (12)

Community Service I (10-12)

Community Service II (11-12)

Computer Concepts & Software Applications (9)

Consumer Education (9-10)

Desktop Publishing (9-12)

Introduction to Marketing (11-12)

Introduction to Multimedia (10-12)

Jobs for Illinois Graduates (12)

Stagecraft Technician (9-12)

Spreadsheets & Databases (9-12)

TV & Radio Production I (10-12)

TV & Radio Production II (11-12)

TV & Radio Production Master Technician (12)

Web Design I (10-12)

Web Design II (11-12)

Web Design III (11-12)

Web Graphics (10-12)

Word Processing & Business Presentations (9-12)

## FAMILY AND CONSUMER SCIENCE DEPARTMENT

### **Food Service, Hospitality and Management Services**

Foods I (Foods & Nutrition I & II) Full year/1 credit  
Foods II (Food Services I & II) Full year/1 credit  
Interrelated Cooperative Education

### **Child, Day Care and Education Services**

Child Development  
Child and Day Care Services I and II  
Home Economics Related Occupations

### **Family and Career Studies:**

Child Development, Clothing I, or Foods I (Foods & Nutrition I & II)  
Living Environments  
Resource Management  
Parenting  
Adult Living  
Interrelated Cooperative Education

### **Clothing and Apparel Services**

Introduction to Clothing (Clothing I & II)  
Advanced Clothing-Tailoring  
Dressmaking-Clothing and Textiles D  
Fashion Merchandising I & II  
Interrelated Cooperative Education

Note: All Family and Consumer Science classes are semester/0.5 credit classes unless otherwise noted.

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## FOREIGN LANGUAGE DEPARTMENT

Note: Students enrolled in a foreign language should maintain at least a “C” average in regular English class. Students must successfully complete the previous semester of the foreign language to continue the sequence. Native speakers of Spanish or French requiring or desiring a foreign language credit will take the language class different from their spoken language.

### **Freshman**

Spanish I  
French I

### **Sophomore**

Spanish I & II  
French I & II

### **Junior**

Spanish I, II, & III  
Advanced Spanish III  
French I, II, & III

### **Senior**

Spanish II & III  
Advanced Spanish IV  
French II, III, & IV

Note: All classes in the Foreign Language Department are full year/1 credit classes.

# INDUSTRIAL TECHNOLOGY AND MANUFACTURING DEPARTMENT

\* Notes: Students are not restricted to courses listed in a path. Integration from all paths is encouraged. Cooperative Education opportunities are available to seniors and can be added to any path. Orientation to Technology is suggested for students who wish to explore current technologies and wish to explore the various courses offered at HHS, specifically within the Technology, Manufacturing, Agriculture or Building Trades fields.

\*\* Home Repairs I & II are designed for students that are not enrolled in other vocational arts courses but are interested in learning the basic use of manual hand tools as well as simple power tools.

Suggested Paths for Engineering, Construction or Manufacturing Interests.

Engineering and Architecture	Construction Trades	Manufacturing
<p style="text-align: center;"><b>Freshman</b></p> <p>Technology Orientation *PLTW Intro to Engineering Design</p> <p style="text-align: center;"><b>Sophomore</b></p> <p>Drafting I Technology Orientation *PLTW Principles of Engineering</p> <p style="text-align: center;"><b>Junior</b></p> <p>Drafting I or Drafting II Construction I *PLTW Civil Eng. &amp; Architecture</p> <p style="text-align: center;"><b>Senior</b></p> <p>Drafting II Construction II Cooperative Education *PLTW Engineering Design and Dev.</p>	<p style="text-align: center;"><b>Freshman</b></p> <p>Technology Orientation Industrial Orientation I</p> <p style="text-align: center;"><b>Sophomore</b></p> <p>Drafting I Technology Orientation Industrial Orientation II</p> <p style="text-align: center;"><b>Junior</b></p> <p>Drafting I or Drafting II Construction I</p> <p style="text-align: center;"><b>Senior</b></p> <p>Drafting II Construction II Cooperative Education</p>	<p style="text-align: center;"><b>Freshman</b></p> <p>Technology Orientation Industrial Orientation I *PLTW Intro to Engineering Design</p> <p style="text-align: center;"><b>Sophomore</b></p> <p>Technology Orientation Industrial Orientation II *PLTW Principles of Engineering</p> <p style="text-align: center;"><b>Junior</b></p> <p>Drafting I or Drafting II Agricultural Welding I Agricultural Construction I &amp; II (Cabinetmaking I &amp; II) *PLTW Civil Eng. &amp; Architecture</p> <p style="text-align: center;"><b>Senior</b></p> <p>Drafting II Agricultural Construction I &amp; II (Cabinetmaking I &amp; II) Agricultural Welding II Metal Fabrication Cooperative Education *PLTW Engineering Design and Dev.</p>

Note: All Manufacturing Occupations classes are full year/1 credit classes except Cabinetmaking I, Cabinetmaking II, Home Repairs I, and Home Repairs II are semester/0.5 credit classes.

**Alphabetical list with grade levels**

Ag Construction I & II (11-12)	Drafting I & II (10-12)	*PLTW Civil Engineering & Architecture (11)
Ag Welding I & II (11-12)	Home Repairs I & II (9-12)	*PLTW Intro to Engineering Design (9-10)
Construction I (11)	Industrial Orientation I (9-11)	*PLTW Principles of Engineering (9-10)
Construction II (12)	Industrial Orientation II (10-12)	Technology Orientation (9-11)
Cooperative Education (12)	Metal Fabrication (9-12)	

**College Bound Students** are encouraged to gain exposure to topics in technology, manufacturing, agriculture, horticulture and construction practices. Those students with an interest in Science and Engineering will benefit from gaining a greater understanding of the various types of Engineering careers that are possible through these fields. The asterisked (\*) courses above, represent a series of engineering courses that are being added one per year. *Engineering Design and Development* will be added in 2011-12. (The Project Lead the Way courses are under review and are subject to change by 2010-11.)

## MEDICAL OCCUPATIONS DEPARTMENT

### Junior

Medical Occupations

### Senior

Medical Occupations

Note: All classes in the Medical Occupations Department are full year/1 credit classes.

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## PHYSICAL EDUCATION DEPARTMENT

### Freshman

PE

Aerobics

Recreation & Fitness for Life

Driver Education (0.25 credit)

Aerobics/Aquarobics

### Sophomore

Health

Driver Education (0.25 credit)

PE

Aerobics

Recreation & Fitness for Life

Aerobics/Aquarobics

### Junior

PE

Aerobics

Recreation & Fitness for Life

Aerobics/Aquarobics

### Senior

PE

Aerobics

Recreation & Fitness for Life

Aerobics/Aquarobics

Note: All classes in the Physical Education Department are full year/1 credit classes unless otherwise noted.

Note: Driver Education is taken either Freshmen or Sophomore year depending on the student's birth date. Career Pathways is taken the opposite quarter the student takes Driver Education.