

COURSE CANCELLATION

North Hardin High School reserves the right to drop any course due to insufficient enrollment.

CHANGE OF SCHEDULE

The registration process and the development of student schedules takes place in the spring at which time faculty and staff counsel with students. This process includes input from parents, teachers, counselors and administrators. The school’s master schedule is built and new staff hired based on the registration requests.

Students are expected to honor their commitments and to attend and complete the courses for which they register during the registration period. Requests for schedule changes, therefore, will be considered only for the following reasons:

1. A student has already earned credit for the course.
2. A student has failed to meet the prerequisite for the course.
3. A student is scheduled for too many or not enough courses.
4. A clerical error was made.

PROMOTION CRITERIA

In order to be promoted at the end of each year, students must have earned the following credits:

9th to 10 th Grade _____	5 credits
10 th to 11 th Grade _____	11 credits
11 th to 12 th Grade _____	17 credits

GRADUATION REQUIREMENTS

To earn a standard diploma at North Hardin High School, a student is required to complete 24 credits as follows:

English.....	4 credits
Mathematics.....	3 credits*
(Algebra I, Geometry, Algebra II)	
Science.....	3 credits
(Int.Sci, Biology & Chemistry/Earth Space)	
Social Studies.....	3 credits
(Civics, World Civ & US History)	
Health.....	1/2 credit
Physical Ed.....	1/2 credit
Arts & Humanities.....	1 credit
Electives.....	9 credits

* If Algebra I credit is awarded at the 8th grade level, the third high school credit must be an advanced math course. To meet state graduation requirements a mathematics course must be taken each year of high school to ensure readiness for postsecondary education or the workforce based on the student's individual learning plan.

ACADEMIC STUDIES REQUIREMENTS

Minimum Graduation Requirements plus:

- 3 of 4 English credits must be Honors level or higher.
- Biology must be Honors level. The third science must be either Chemistry or Physics.
- Two credits of a foreign language must be earned.
- Maintain a cumulative GPA (grade point average) of a 3.0.

GRADING SCALE

Letter grades are assigned the following percentage:

A 92% - 100%	Excellent
B 83% - 91%	Good
C 74% - 82%	Average
D 68% - 73%	Below Average
F Below 68%	Unsatisfactory

ADVANCED PLACEMENT CLASSES

Advanced Placement courses are offered in English, Biology, Chemistry, Calculus, United States History and Foreign Language. Guidelines for entrance to any of these programs are as follows.

All students entering an advanced placement class will have an average of “B” or better in the subject area. All students will have completed the pre-subject requirements, if any, for entrance to the subject area. The academic requirements of the advanced placement program may be more demanding than the traditional course offering in the subject field. Exceptions to these guidelines may be approved by the building principal.

DUAL CREDIT CLASSES

Dual Credit is an opportunity for qualified high school seniors to enroll in a course and receive both high school and college credit upon successful completion of that course. Classes are taught at the high school during regular high school hours. The advantage of dual credit course work is that students can finish high school with up to 12 hours of college credit already completed.

Acceptance into dual credit is based upon merit and is, therefore, a privilege and an honor. Students must have a 3.25 GPA and have a composite ACT/PLAN or total SAT/PSAT score above the national mean that places the student in the 60th percentile or higher nationally in order to enroll in the class.

First time applicants must submit a signed college application form. There will be both book and tuition costs associated with these classes.

NCAA CLEARINGHOUSE/ATHLETIC REQUIREMENTS

Students who plan to participate in Division I or II college athletics and/or accept an athletic scholarship must register with and be certified by the NCAA Initial-Eligibility Clearinghouse. Basic eligibility guidelines include: Graduate from high school, successfully complete a core curriculum of at least 16 academic courses in specified courses (a list of specific courses is available from the counselors), and have a "qualifier" core-course grade point average and a combined SAT and ACT sum score based on the qualifier index scale. Students should register with the NCAA Clearinghouse following their junior year of high school. The Clearinghouse procedure includes very specific and detailed guidelines. It is important that students consult with the athletic director for specific information, registration materials, and assistance with the Clearinghouse process

KHSAA REQUIREMENTS FOR ATHLETES

A student must be enrolled as a full-time student and passing in four full credit hours worth of classes. Bylaw 5-2 Eligibility of a student on the first day of school requires that a 10th grade student have earned 4.90 credits, an 11th grade student 10.90 credits and a 12th grade student 16.90 credits for a school that requires 24 credits for graduation. North Hardin High School does not offer .4 or .9 credit, therefore, the requirement is raised to 5 credits for a sophomore, 11 credits for a junior and 17 credits for a senior. The requirement for reinstatement is 6 credits in one school year.

KEES SCHOLARSHIP PROGRAM

Students enrolled in a certified Kentucky high school can earn scholarships based on their high school performance. Students are eligible for scholarships based on their grade point average for each year of high school and bonus awards based on their highest ACT score. The scholarships are for students to use at any participating accredited public or private institution in Kentucky, including community and technical colleges. More information is available in the counseling office.

TEST DATES FOR ACT, SAT, PLAN AND PSAT

ACT –April 14, 2012; June 9, 2012 (**March 6, 2012 Statewide Test for Juniors**); September 8, 2012; October 27, 2012; December 8, 2012; February 9, 2013; (**March 5, 2013 Statewide Test for Juniors**), April 13, 2013; June 8, 2013.

SAT – March 10, 2012; May 5, 2012; June 2, 2012;
PLAN – September 2012 (required for all sophomores)
PSAT – October 2012 (suggested for juniors)

INDIVIDUAL LEARNING PLAN

The Individual Learning Plan (ILP) is an academic and career plan for all students beginning in the 6th grade. The ILP will help students identify their educational and career goals, as well as identify requirements for high school graduation. Students will complete activities that will provide the knowledge and skills needed to prepare for a successful career. The ILP will also include personal information about a student's hobbies, interests, school and community activities, work experiences and awards, as well as the names of people who may provide good references. Also included may be the results of an interest inventory, a learning style inventory, and/or a career aptitude assessment. Results of Kentucky's Commonwealth Accountability Testing System (CATS), the EXPLORE, PLAN, ACT, SAT or other assessment results may also be included. An electronic version of your student's ILP is available to you online. To view your child's work within the electronic ILP, a user ID and password has been assigned to your student.

END OF COURSE EXAMS

Senate Bill 1 (SB 1), enacted in the 2009 Kentucky General Assembly, requires a new public school assessment program beginning in the 2011-12 school year. The legislation allowed, with approval by the Kentucky Board of Education, an end-of-course (EOC) assessment program at the high school level.

Kentucky has completed the state-required procurement process and ACT, Inc. has been awarded the contract to provide EOC assessments for the 2011-12 school year. Assessments for English II, Algebra II, Biology and US History have been purchased as part of ACT's QualityCore® program. The program is syllabus-driven and will include curriculum and instruction support materials. QualityCore® has been developed based on research in high-performing classrooms that focus on the essential standards for college and career readiness.

Instructions to access the instructional support materials for the four EOC courses will be shared with districts and schools in the coming weeks.

The EOC assessments will be administered throughout the year as students earn credit in each course. In addition to the EOC assessments, Kentucky students in grades 10 and 11 will also complete writing assessments provided by NCS Pearson.

THE FRESHMAN ACADEMY

Your son or daughter's first year in high school as a freshman will be exciting, yet very challenging. Therefore, we have developed a Freshman Academy carefully designed with very intentional activities that begin in the spring of the 8th grade year to transition students to high school. Students will be scheduled into courses sharing a common set of teachers to create a team approach in setting goals to help all students be successful.

APPLICATION CLASSES / OFFICE AIDE POSITIONS

As you look through the curriculum guide, you will see several classes that require an application. Applications will be available in the counseling office and/or from the person listed below.

Applications must be returned to the teacher listed below no later than Feb 14th.

Agriculture Employability Skills / Co-op – 12 th Grade	Ms. Wilson	Room 123
Advanced Graphic Design 11 th -12 th Grade	Ms. Edwards	Room 225
Newspaper Journalism – 10 th -12 th Grade	Ms. Clear	Room 238
Yearbook Production - 10 th – 12 th Grade	Ms. Clear	Room 238
Creative Writing - 11 th -12 th Grade	Ms. Buehler	Room 305
Culinary I & II - 11 th and 12 th Gr.	Ms. Miller	Room 104
Child Development Services I&II - 11 th and 12 th Gr.	Ms. Hooker	Room 109
Chorus – 10 th – 12 th Grade	Ms. Root	Room 105
Chorus II Advanced Choir	Ms. Root	Room 105
Vocal Ensemble (women)	Ms. Root	Room 105
Camera Op/Sound Production 10 th – 12 th Grade	Ms. Shagool	Room 107
Performance & Scripting - 10 th – 12 th Grade	Ms. Shagool	Room 107
Video Editing – 11 th – 12 th Grade	Ms. Shagool	Room 107
Studio Directing – 11-12 th Grade	Ms. Shagool	Room 107
JROTC IV-12 Grade	Maj. Fisher	Room 130
AVID	Ms. Burke/Russell	Counseling Office
Main Office Aide – 12 th Grade	Ms. Browning	Main Office
Assistant Principal Aide – 12 th Grade	Ms. Lucas	Assist. Princ. Office
Counseling Office Aide – 12 th Grade	Ms. Skeeters/Warren	Counseling Office
Library Aide – 12 th Grade	Ms. Sexton	Media Center
Family Resource Center – 12 th Grade	Ms. Pfeiffer	YSC
Work Based Learning (Cafeteria)	Ms. Cecil	Cafeteria
Peer Tutoring	P. Hendricks/Radford	Rms. 125/120
	Holbert/Newman	Rms. 100/122

Typical Four Year Plan

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I	English II	English III	English IV
Algebra I	Geometry	Algebra II	Math*
Integrated Science	Biology	Chem/Adv. Int. Sci	Elective
Civics	World Civilization	US History	Elective
Health/PE	Elective	Arts & Humanities	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

It is important for students to plan their four years of high school, even as incoming ninth grade students. Use the space below to pencil in the courses you would like to take each year in high school. This in no way commits you to these classes; however, it will help you to look to the future and make sure the courses you take meet your future goals. Please pay particular attention to courses that have a prerequisite.

My Four Year Plan

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I	English II	English III	English IV
Math_____	Math_____	Math_____	Math_____
Integrated Science	Biology	Chemistry or Earth/Space _____	
Civics	World Civ	US History	_____
Health/PE	_____	Arts & Humanities	_____
_____	_____	_____	_____
_____	_____	_____	_____

***Alg I, Geometry and Alg II are required for graduation. Some students may have earned Algebra I credit in middle school, therefore their Math sequencing could be different from the typical student. New KY graduation requirement: Math must be taken each year of high school.**

Agriculture Career Majors

Animal Systems	
Classes Needed to Complete Career Major	Possible Careers Related to Career Major
Principles of Agriculture* Animal Technology* Small Animal Technology* Animal Science* Equine Science* Vet Science* Ag Co-op Agriculture Employability Skills	Veterinarian Groomer Trainer Artificial Insemination Technician Butcher Lab Technician Zoologist

Horticulture and Plant Systems	
Classes Needed to Complete Career Major	Possible Careers Related to Career Major
Principles of Agriculture* Greenhouse* Landscape and Turf Grass Management* Floral Design* Small Power and Equipment Agriculture Sales and Marketing Ag Co-op Agriculture Employability Skills	Greenhouse Operator Golf Course Manager Forester Florist Gardener/Groundskeeper Landscaper Landscape Architect Pesticide Applicator Turf Farmer

Agricultural Power, Structural, and Technical Systems	
Classes Needed to Complete Career Major	Possible Careers Related to Career Major
Principles of Agriculture* Agriculture Construction Skills* Small Power and Equipment* Agriculture Power and Machinery* Ag Co-op Agriculture Employability Skills	Welder Small Engine Tech Carpenter Electrician Safety Specialist Equipment Operator Machinist Hydraulic Engineer Diesel Mechanic

*Must have three recommended classes in order to complete major.

NHHS Business Career Majors

Earn a career Major Certificate while in High School to investigate career possibilities and help prepare you for the next step. At NHHS Business, we are proud to offer the following majors:

Accounting
Administrative Support
Business Management
Business Technology
Information Processing
Web Page Design

Earn your certificate by following these course requirements:

ALL BUSINESS AND TECHNOLOGY MAJORS SHOULD BEGIN WITH **Computer Applications AS SOON AS POSSIBLE!**

ACCOUNTING MAJOR

Computer Applications
Accounting and Finance
Foundations
Financial Accounting
One other business elective

BUSINESS MANAGEMENT MAJOR

Computer Applications
Any two of the following:
 Business Principles
 Accounting and Finance Foundations
 Financial Accounting
 Business Economics/Financial Literacy
 Business Law
Business Management

ADMINISTRATIVE SUPPORT MAJOR

Computer Applications
Advanced Computer Technology
Applications
Accounting and Finance
Foundations
One other business elective (at any time)

BUSINESS TECHNOLOGY MAJOR

Computer Applications
Any three other business electives

INFORMATION PROCESSING MAJOR

Computer Applications
Advanced Computer Technology
Applications
Microsoft Office Systems
Certification*
One other business elective—
suggested:
 Web Page Design
 Multimedia Publishing*

WEB PAGE DESIGN MAJOR

Computer Applications
Web Page Design
Multimedia Publishing*
One other business elective—suggested:
 Web Site Design
 Advanced Computer Technology
 Applications
 Microsoft Office Systems
 Certification*

NHHS Family Consumer Science Career Majors

CAREER MAJORS

Consumer & Family Management	Early Childhood Education	Family & Consumer Sciences Education
		This Career Major is not Currently offered
Recommended Courses	Recommended Courses	Recommended Courses
FACS Life Skills Relationships Money Skills Foods & Nutrition	Child/Human Development Child Development Services I Child Development Services II	FACS Life Skills Child/Human Development Cadet teaching
Elective Courses	Elective Courses	Elective Courses
Parenting Child/Human Development Advanced Foods/Nutrition Fashion & Interior Design I *Business Management *Computer Applications	Parenting FACS Life Skills Relationships Money Skills *Business Management *Computer Applications	Fashion & Interior Designs Money Skills Relationships Foods & Nutrition *Speech/Public Speaking *Computer Applications

Culinary & Foods Services	Fashion & Interior Designs
Recommended Courses	Recommended Sources
Food & Nutrition Culinary I Culinary II	FACS Life Skills Fashion Interior Design I Fashion & Interior Design II
Elective Courses	Elective Courses
Advanced Foods & Nutrition Money Skills Relationships FACS Life Skills *Accounting *Business Principles *Business Management *Computer Applications	Money Skills Relationships *CAD *Business Management *Business Principles *Computer Applications *Landscaping Management Floral Design/Landscaping
* Other courses directly related to career major.	

NOTE:

- Three credits must come from recommended courses to complete a career major.
- The starred courses are acceptable classes outside of the FCS department.
- Students must earn four career-related credits within the major and 3 Math, 2 Science, 4 English, 2 Social Studies and ½ Health and ½ Physical Education credits to meet graduation requirements.

Telemedia Technology Career Majors

Telemedia Technology	
Classes Needed to Complete Certificate of Achievement Camera Operation/Sound Production Performance & Scripting Video Editing Studio Directing	Add for a Career Major Television Production Co-op***

***Students may join the Co-op program after two courses from NHHS and instructor recommendation.

Project Lead The Way

PLTW's **Pathway To Engineering (PTE)** curriculum is designed as a four-year high school sequence. Foundation courses (Introduction to Engineering Design, Principles of Engineering, and Digital Electronics) are supplemented by a number of electives to create eight rigorous, relevant, reality-based courses:

Foundation Courses

Introduction to Engineering Design (IED) (implemented during 2011-2012 school year)

Designed for 9th or 10th grade students, the major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

Principles of Engineering (POE) (will be offered starting 2012-2013 school year)

This survey course of engineering exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems.

Digital Electronics (DE) (will be offered starting 2013-2014 school year)

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation.

Specialization Course

Computer Integrated Manufacturing (CIM) (will be offered starting 2013-2014 school year)

Students answer the questions: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation.

Capstone Course

Engineering Design and Development (EDD) (will be offered starting 2014-2015 school year)

This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead The Way courses.

Place Student Name Label Here

North Hardin High School
9th Grade Registration Form (2012-2013)
Class of 2016

ACADEMIC/CORE COURSES (chosen by current teachers):

All students must take an English, Math, Science, and Social Studies Course. Student's current teachers will make recommendations for the level of English and Math to be taken next school year.

Teachers, please initial the box next to the course recommended for the student.

<input type="checkbox"/> English I (230107A/B)	<input checked="" type="checkbox"/> Int. Science (303091A/B)
<input type="checkbox"/> Honors English I (230108 A/B)	
<input type="checkbox"/> Alg I (270304A/B)	<input checked="" type="checkbox"/> Civics (451001A/B)
<input type="checkbox"/> Hon Alg I (270305A/B)	
<input type="checkbox"/> Hon Geom (270402A/B)	

HEALTH/PE

Students need to take Health/PE or JROTC I. In order for JROTC to count for the Health/PE credit, a student must earn credit in JROTC I & II at NHHS.

_____ Health/PE (340133A/340216A) **OR** _____ JROTC I (580240A/B)

ELECTIVE COURSES:

Students will take two elective classes in addition to the five core classes. Please select courses you would like to take and rank in order of preference (1,2,3,4,5). If five options are not ranked, we reserve the right to place you where there is room.

It is recommended that you have *at least* a B average in your current Language Arts class prior to signing up for a Foreign Language as a 9th Grade student.

_____ Principles of Agriculture (030715A/B)	_____ Foods & Nutrition (200441A/B)
_____ Art I (500001A/B)	_____ Money Sk./Relation.(200121/200171)
_____ Intro to Journalism (239199A/B)	_____ German I (160508A/B)
_____ Accounting & Finance Found (060122A/B)	_____ Spanish I (161108A/B)
_____ Comp & Tech Applications (060112A/B)	_____ Band (500913A/B)
_____ Business Principles & App. (060111A/B)	_____ Men's Vocal Ensemble (500910A/B)
_____ Women's Vocal Ensemble (500903A/B)	_____ African-American St.(450877A/B)
_____ Web Page Design (110802 A/B)	_____ FACS Life Skills (200113A/B)
_____ Intro to Engineering Design (219902A/B)	_____ Fashion & Int. Design I (200821A/B)

Please be sure you have chosen the courses you would like to take. Materials are ordered and teachers are hired based on the course selections of students.

I have discussed my course selections with my parents and teachers. *I understand that once my schedule is made, it will not be changed.*

Student Signature

Parent/Guardian Signature

10th Grade Registration Form (Class of 2015)

Core content classes are recommended and chosen by current core teachers. Students will take three electives in addition to the four core content classes. Students should rank in order of preference at least 6 classes they would like for electives (1 being the course you want most). If six electives are not ranked, we reserve the right to place you in courses where there is room.

Core Content Classes

English English II or Honors English II AP English II	Math Geometry or Honors Geometry Algebra II or Honors Algebra II	Soc. Studies World Civilization AP World History	Science Biology or Honors Biology
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*Application required for these courses

Agriculture Elective

020212A Animal Tech
030771A Small Animal Tech

010621A Floral Design
010111A Ag Sales and Marketing

010641A/B Greenhouse Tech

010631A/B Landscape Mgmt

030715A/B Principles of Ag.

020211A Animal Science
020261A Equine Science

Art Electives

500001A/B Art I

500002A/B Art II

500701A/B Graphic Design

Business Electives

060122A/B Acct & Finance Foun.

070122A/B Financial Accounting

060121A/B Business Law

060111A/B Business Principles and App

060170A Financial Literacy
060511A Business Economics

060112A/B Comp & Tech Appl.

060700A/B Multimedia Publishing

English Electives

239199A/B Intro to Journalism

239111A/B Newspaper (1 cr.) *

239100A/B Newspaper (2 cr.) *

239141A/B Yearbook (1 cr.) *

239140A/B Yearbook (2 cr.) *

Family/Cons. Sci

200123A/B Child/Human Develop.

200441A/B Food & Nutrition

200451A/B Advanced. Food & Nut

200821A/B Fashion & Int. Des. I

200825A/B Fashion & Int. Des. II

200121A Money Skills
200171A Relationships

200113A/B Life Skills

Language Electives

160508A/B German I

160509A/B German II

161108A/B Spanish I

161109A/B Spanish II

PE Electives

340218A/B Adv. Physical Ed.

340217A/B Conditioning

Music Electives

500902A/B Chorus

500932A/B Advanced Women's Ens.*

500904A/B Advanced Chorus *

500905A/B Musical Theatre*

500927A/B Ind. Vocal Tech*

500913A/B Band

500908A/B Chamber Winds

Soc. Studies Electives

451029A/B Political Science

450877A/B African American St.

Technology Electives

110802A/B Web Page Design Lev.I

110804A/B Web Site Design Lev II

219902A/B Intro Engineering Des

219901A/B Principles of Engineering

Telemedia

480401A/B Camera Op/Sound *

480402A/B Performance Script *

Miscellaneous

1037A/B AVID II*

If you have not taken Health/PE as a 9th grader you will need to select that below or if you took JROTC I you will need to select JROTC II below to fulfill your graduation requirement

Health/PE

340133A Health

340216A PE

580241A JROTC II

My Elective Choices (In order of preference):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

11th Grade Registration Form (Class of 2014)

Core content classes are recommended and chosen by current core teachers. Students will take two electives in addition to the four core content classes and fulfill the Arts and Humanities requirement. Students should rank in order of preference at least 5 classes you would like for electives (1 being the course you want most). If five electives are not ranked, we reserve the right to place you in courses where there is room.

Core Content Classes

<u>English</u>	<u>Math</u>	<u>Soc. Studies</u>	<u>Science</u>
English III or Honors English III or AP English III	Algebra II or Honors Algebra II or Math Elective	US History or AP US History	Chemistry or Honors Chemistry or Adv. Int. Science

* Application required for these courses

** College Readiness must be paired with either Psychology, Sociology, Financial Literacy or Business Economics

Act Prep

1033A College Readiness**

Agriculture Elective

030715A/B Principles of Ag

020212A Animal Tech
030771A Small Animal Tech

010621A Floral Design
010111A Ag Sales and
Marketing

010641A/B Greenhouse Tech

010631A/B Landscape Mgmt

020211A Animal Science
020261A Equine Science

010231A Small Pwr Equip
010212A Ag Pwr & Mach Op

Art Electives

500001A/B Art I

500002A/B Art II

500003A/B Adv. Art III

500701A/B Graphic Design

500720A/B Adv. Graph. Design

Business Electives

060122A/B Acct & Fin. Foun I.

070122A/B Financial Acct'ing II

060121A/B Business Law

060411A/B Bus Management

060111A/B Business Principles

060170A Financial Literacy**
060511A Business Econ**

060112A/B Comp & Tech Appl.

060700A/B Multimedia Publish

070750A/B Microsoft Office
Specialist (MOS)

English Electives

239199A/B Intro to Journalism

239111A/B Newspaper (1 cr.) *

239100A/B Newspaper (2 cr.) *

239141A/B Yearbook (1 cr.) *

239140A/B Yearbook (2 cr.) *

231021A Oral Communications
230127A Drama

230511A/B Creative Writing *

230126A/B Mythology & Fables

Family/Cons. Sci

200123A/B Child/Human Dev.

200441A/B Food & Nutrition

200451A/B Adv. Food

200413A/B Culinary I & II

200821A/B Fashion&Int. Des. I

200825A/B Fashion&Int. Des. II

200121A Money Skills
200171A Relationships

200263A/B Child Dev Serv.
I&II*

Language Electives

160508A/B German I

160509A/B German II

160510A/B German III

161108A/B Spanish I

161109A/B Spanish II

161110A/B Spanish III

PE Electives

340218A/B Adv. Physical Ed.

340217A/B Conditioning

340222A/B Adv. Conditioning

Music Electives

500902A/B Chorus

500932A/B Advanced Women's
Ens.*

500904A/B Advanced Chorus *

500905A/B Musical Theatre*

500927A/B Ind. Vocal Tech*

500913A/B Band

500908A/B Chamber Winds

500928A/B Music Theory

JROTC Electives

580241A/B JROTC II

580242 A/B JROTC III

Science Elective

302631A/B Anatomy

304821A/B Physics

302646A/B AP Biology

Soc. Studies Electives

451029A/B Political Science

450877A/B African Am. St.

59901A Psychology**

451121A Sociology**

Technology Electives

110802A/B Web Page Des I

110804A/B Web Site Des. II

219901A/B Principles of
Engineering

Telemedia

480401A/B Camera Op/Snd *

480402A/B Perfor. Script *

480403A/B Video Editing*

480404A/B Studio Directing*

Miscellaneous

1038A/B AVID III*

1070A/B Credit Recovery

Arts and Humanities is a graduation requirement. You may fill this requirement by taking Art I, II, and III or by taking three years of Band or Chorus Choose the option below to fulfill your graduation requirement

500111A/B Arts and Human.

500112A/B Band (3rd year)

500113A/B Chorus (3rd year)

500003A/B Advanced Art

**My Elective Choices
(In order of preference):**

1. _____
2. _____
3. _____
4. _____
5. _____

COURSE DESCRIPTIONS

12th Grade Registration Form (Class of 2013)

Core content classes are recommended and chosen by current core teachers. Students will take two core content classes and four or five electives depending on if they still need to fulfill the Arts and Humanities requirement. Students should rank in order of preference at least 8 classes you would like for electives (1 being the course you want most). If nine electives are not ranked, we reserve the right to place you in courses where there is room.

Core Content Classes

English English IV or Honors English IV or Dual Credit English IV	Math Math Elective	Soc. Studies None Required	Science None Required
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* Application required for these courses

** College Readiness must be paired with either Psychology, Sociology, Financial Literacy or Business Economics

Act Prep

1033A College Readiness**

Agriculture Elective

030715A/B Principles of Ag

020212A Animal Tech
 030771A Small Animal Tech

010621A Floral Design
 010111A Ag Sales and Marketing

010641A/B Greenhouse Tech

010631A/B Landscape Mgmt

020211A Animal Science
 020261A Equine Science

010231A Small Pwr Equip
 010212A Ag Pwr & Mach Op

Art Electives

500001A/B Art I

500002A/B Art II

500003A/B Adv. Art III, IV, V

500701A/B Graphic Design

Business Electives

060122A/B Acct & Fin. Foun I.

070122A/B Financial Acct II

060121A/B Business Law

060411A/B Bus Management

060111A/B Business Principles

060170A Financial Literacy**
 060511A Business Econ**

060112A/B Comp & Tech Appl.

060700A/B Multimedia Publish
 070750A/B Microsoft Office Specialist (MOS)

English Electives

239199A/B Intro to Journalism

239111A/B Newspaper(1 cr.) *

239100A/B Newspaper(2 cr.) *

239141A/B Yearbook (1 cr.) *

239140A/B Yearbook (2 cr.) *

231021A Oral Commu.
 230127A Drama

230511A/B Creative Writing *

230126A/B Myth & Fables

Family/Cons. Sci Electives
 200123A/B Child/Hum Develop.

200441A/B Food & Nutrition

200451A/B Adv. Food

200413A/B Culinary I & II

200821A/B Fash & Int. Des. I

200825A/B Fash & Int. Des. II

200121A Money Skills
 200171A Relationships

200263A/B Ch Dev. Serv. I&II*

Language Electives

160508A/B German I

160509A/B German II

160510A/B German III

160530A/B AP German IV

161108A/B Spanish I

161109A/B Spanish II

161110A/B Spanish III

161130A/B AP Spanish IV

PE Electives

340218A/B Adv. Physical Ed.

340217A/B Conditioning

340222A/B Adv. Conditioning

Music Electives

500902A/B Chorus

500932A/B Advanced
 Women's Ens.*

500904A/B Advanced Chorus *

500905A/B Musical Theatre*

500927A/B Ind. Vocal Tech*

500913A/B Band

500908A/B Chamber Winds

500928A/B Music Theory

JROTC Electives

580242 A/B JROTC III

580243A/B JROTC IV

580244A/B JROTC V

Science Elective

302631A/B Anatomy

302646A/B AP Biology

304526A/B AP Chemistry

302616A/B Forensics

304821A/B Physics

Soc. Studies Electives

451029A/B Political Science

450877A/B African Am St.

459901A Psychology**

451121A Sociology**

450876A/B AP World History

Technology Electives

110802A/B Web Pg Des Lev.I

110804A/B Web Site DesLev II

Telemedia Tech Electives

480401A/B Camera Op/Snd *

480402A/B Perform Script *

480403A/B Video Editing*

480404A/B Studio Directing*

480410A/B TVP Coop (2 cr.) *

Miscellaneous

1039A/B AVID IV*
 1070A/B Credit Recovery
 906012A/B Peer Tutoring*

ECTC Tech Program

1040A/B Tech Prog (1/2 day)
 1041A/B Tech Prog (full day)

Arts and Humanities is a graduation requirement. If you have not taken A&H or been in Band/Chorus for 3 years you must sign up.

500111A/B Arts and Human.

My Elective Choices (In order of preference):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

COURSE DESCRIPTIONS

ACT PREPARATION

College Readiness/(ACT Prep) 1033

½ credit *

Recommended Grade Level: 11-12
This course will be paired up with another ½ credit classes

Kaplan's ACT program is a commercial test preparation course designed to take away the mystery of the exam and relieve fear and anxiety by reviewing subject content, introducing test taking strategies, and developing test taking skills. Kaplan students learn how to think their way to the right answer. The course will consist of lecture/teaching and 4 full-length ACT practice exams. The course materials include a computer-analyzed diagnostic exam, personalized study plan based on results of diagnostic exam, course book, reference materials, instructor-led classes and the 4 practice, but actually previously released, full-length exams.

*When signing up for the College Readiness course, please choose another ½ credit elective as well. It is suggested that you choose one of the following to pair with ACT Prep: Financial Literacy, Business Economics, Sociology or Psychology.

AGRISCIENCE DEPARTMENT

Principles of Agriculture (Agriscience): 030715

1 credit

Recommended Grade Level: 9

This course introduces students to the various segments of the agricultural industry. Local and state occupational opportunities will be emphasized. Basic animal, plant and land science, and agricultural mechanics skills will be introduced along with the selection and planning of an agricultural experience program and related record keeping. Leadership development will be provided through FFA. Students will receive personal guidance and counseling with preparatory instructional program selection.

Animal Technology: 020212

½ credit

Taken with Small Animal Tech

Recommended Grade Level: 10-11

This course develops knowledge and skills pertaining to livestock identification, selection, nutrition, reproduction and genetics, health management and marketing one or more species of farm animals. The latest biogenetic applications will be included. The content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA.

Small Animal Technology: 030771

½ credit

Taken with Animal Tech

Recommended Grade Level: 10-11

This a second semester course designed to be taken following the Animal Technology class. Small Animal Technology develops scientific knowledge and skills pertaining to nutrition, health, general care, and breed identification for small animals such as dogs, cats, rabbits, poultry, etc. Leadership will be provided through FFA.

Greenhouse Technology: 010641

1 credit

Recommended Grade Level: 10-12

Recommended to have taken:

Principles of Ag, or Landscaping.

This course includes plant propagation, plant growth, and identification of plants and greenhouse structures. Growing and transplanting in the greenhouse will be included. Leadership will be provided through FFA.

Landscape & Turf Mgmt: 010631

1 credit

Recommended Grade Level: 10-12

Recommended to have taken:

Principles of Ag or Greenhouse.

This program consists of planning a landscape, drawing the plants, learning to identify and correctly install the plants, and the care and identification of plants on the school grounds. Leadership will be provided through FFA.

Floral Design: 01062A

½ credit

Recommended Grade Level: 10-12

Recommended to have taken 2 of the following 3: Principles of Ag, Greenhouse, Landscaping. This course is taken with Ag Sales and Marketing

Floriculture and floral design provides instruction to develop floral design techniques using silk. Dried, and fresh flowers. Students will learn operation and management techniques of a florist business as well as identification, production and cultural maintenance practices of plants used in floral design and interior landscaping. Content may be enhanced by utilizing appropriate technology. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

Ag Sales and Marketing: 01011A

½ credit

Recommended Grade Level: 10-12

Recommended to have taken 2 of the following 3: Principles of Ag, Greenhouse, Landscaping. This course is taken with Floral Design

This course provides an introduction to agricultural sales and marketing, including. Course material will include: competition in the agriculture market place, marketing decisions, types of markets, contracting, government programs and regulations, personal development, employee and employer responsibilities, communications, promotion strategies, records, files, purchasing materials, stocking, selling and business account procedures. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

COURSE DESCRIPTIONS

Animal Science: 020211

½ credit

Recommended Grade Level: 10-11
This course is taken with Equine Science

This is a first semester course which includes the scientific knowledge and skills of animal science. Livestock judging, advanced production and biotechnology application of beef, horses, swine, sheep and dairy are included. Leadership will be provided through FFA.

Equine Science: 020261

½ credit

Recommended Grade Level: 10-11
This course is taken with Animal Science

This is a second semester course designed to be taken following Animal Science. This course develops scientific knowledge and skills pertaining to breed identification and selection, anatomy, physiology, nutrition, genetics and reproductive management, training principles, grooming, health disease control, and sanitation practices. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA.

Small Power Equipment: 010231

½ credit

Recommended Grade Level: 11-12
This course is taken with Ag Pwr and Mach. Op.

This is a first semester course that includes maintenance, repair and operation of small engines including two and four cycle engines. Tool identification and proper use of the tools will be stressed. A short unit on welding will be included. Leadership will be provided through FFA.

Agriculture Power & Machinery Operation: 010212

½ credit

Recommended Grade Level: 11-12
This course is taken with Small Pwr Equipment

This is a second semester course designed to be taken following Small Power Equipment. This course

provides hands-on experience in equipment and machinery operation, maintenance, and repair. Welding, metalwork, and painting will be included. Leadership will be provided through FFA.

Agriculture Employability Skills:

710121

1 credit

Recommended Grade Level: 12

Prerequisite: Have taken 2 agriculture classes; application required

Agriculture Employability Skills

Co-op: 010001 (must be enrolled in Ag Employability Skills course)

1 credit

Agriculture Employability Skills is a class for agriculture students who have been enrolled in at least two agriculture classes, in good academic standing, and good behavioral standing with both the agriculture department and the school. Students enrolled in the course/co-op will be able to learn valuable work skills in a real-life agricultural work setting. Students will be required to keep a time log, undergo employer evaluations, and present several presentations throughout the year. After meeting with the instructor, students will leave the last period of the day to travel to their place of employment.

Classes to be offered again 2013-2014 school year

Agriculture Construction Skills:

010241

1 credit

Recommended Grade Level: 11-12

Recommended to have taken

Principles of Ag or Small Power/Ag Power.

Prepares students to construct and maintain agricultural structures and equipment. Develops basic skills such as: tool identification, interpreting plans, calculating a bill of materials, electrification, carpentry, welding, metal fabrication, plumbing, and masonry. Content may be enhanced with appropriate computer applications. Leadership

will be provided through FFA. Every student will be expected to have a supervised agricultural experience program. This course may be extended to two credits offered on a two-hour basis provided that instruction is enhanced with laboratory experience, project construction, and in-depth skill development.

Advanced Animal Science (Dual Credit): 020201A

½ credit, 3 college credits

Recommended Grade Level 11-12

Will be taken with Veterinary Science To be eligible for Dual Credit students must have 18 Composite on ACT or PLAN.

This is a semester course taught through Murray State University, using their AGR 100 curriculum. This is a basic course in animal science including the importance and place of livestock in agriculture types, market classes, and grades of beef, sheep and swine, origin and characteristics of breeds, and the judging of beef, sheep, and swine. Additional content in the field of animal science may be added to enhance the curriculum. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

Veterinary Science: 020160A

1/2 credit

Recommended Grade Level: 11-12

Will be taken with Adv. Animal Science

Recommended to have taken 2 of the following 3: Principles of Ag, Animal/Equine Science, Animal Tech/Sm. Animal Tech

This course introduces students to the field of veterinary science. Major topics include veterinary terminology, safety, sanitation, anatomy/physiology, clinical exams, hospital procedures, parasitology, laboratory techniques, nutrition, disease, office management, and animal management. Careers are also explored. Leadership development

COURSE DESCRIPTIONS

will be provided through FFA. Each student will be expected to have an agricultural experience program.

ART DEPARTMENT

Art I: 50001

1 credit

Recommended Grade Level: 9-12

Art I is a basic art class. The students will learn about the elements and principles of design, several different types of mediums and their different uses, and take a brief look at art history, criticism, and appreciation.

Art II: 50002

1 credit

Recommended Grade Level: 10-12

Prerequisite: Art I

Art II is primarily an art history class. The students will learn about the different time periods throughout history and their impact on the art of that time. The course will cover from prehistoric cave art to modern day styles and also review the elements and principles of design.

Advanced Art: 50003

1 credit

Recommended Grade Level: 11-12

Prerequisite: Art II

This class is designed for the serious art student and will consist of individual study of drawing, sculpture, painting, and mixed media. The students may need to bring in certain materials they would like to utilize. Written and drawing assignments will be given.

Graphic Design: 500720

1 Credit

Recommended Grade Level: 10-12

Prerequisite: Art I

As an introductory course into Graphic Design, students will be engaged in a brief study of the history and contemporary role of digital art. Students engaged in this course will gain an understanding of the basic features of graphic design, influence of the visual arts, the purposes and characteristics of design (graphics), a survey of advertising, research, and graphic

design technology. Students engaged in this course must have an appreciation for the arts and a natural interest in the visual arts, as well as technology.

Advanced Graphic Design: 500720

1 Credit

Recommended Grade Level: 10-12

Prerequisite: Art I and Graphic Design with a B average or better

This course is designed for the serious art student interested in developing and/or mastering their individual study of digital art. The course will include the use of mixed media along with the use of the Adobe CS5 computer software. Students engaged in this course will gain a greater understanding of the graphic arts and their roles in the past and present societies. Students will work in collaboration with beginning graphic design students and the faculty. Students selected for this course must have a great appreciation for the arts and digital design.

Art taken in the 9th, 10th and 11th grade year at NH will fulfill the Arts/Humanities requirement.

ARTS AND HUMANITIES

Arts and Humanities: 50011

1 credit

Recommended Grade Level: 11-12

All students are required to complete a full year credit in the history and appreciation of visual and performing arts. The survey class examines the beliefs, traditions, and customs of mankind as reflected in the disciplines of dance, visual arts, music, theater, and literature. This high school class strives to create an awareness that arts and humanities are influenced by diverse cultures and historical periods. "The main focus is to enable students to respond to all art forms through describing, analyzing, interpreting, evaluating, and considering the arts as significant human achievements." (Program of Studies, Kentucky Department of Education, 1998, p.168)

Arts and Humanities: 500112 **(Band students)**

Arts and Humanities: 500113 **(Choral students)**

1 credit

Recommended Grade Level: 11

Prerequisite: Must be entering the 3rd year of either band or chorus at NHHS

In the spring of 2002, North Hardin Site-Based Council passed a policy that allows instrumental and vocal music students the opportunity to complete the required arts and humanities course through a three year combined course of study in instrumental and vocal music and arts and humanities. At the end of the junior year, the student transcript will show a credit in Arts and Humanities, not instrumental or vocal music. If a student does not complete three years of instrumental or vocal music at North Hardin either by individual choice or by lack of director recommendation, the student will take the Arts and Humanities class during the junior year.

BUSINESS EDUCATION

Accounting & Finance

Foundations Level I: 060122

1 credit

Recommended Grade Level: 9-12

This course is geared toward students who are interested in pursuing a business or accounting degree or interested in becoming a business owner. This course introduces a systematic means of record keeping per general journal approach. Students should be able to understand basic accounting concepts, principles, and practices as well as complete an accounting simulation, which will put these concepts and principles into practice.

Financial Accounting Level II: 070122

1 credit

Recommended Grade Level: 10-12

Prerequisite: Accounting and Finance Foundations Level I

The accounting principles taught in this course include an in-depth study

COURSE DESCRIPTIONS

of accounting principles, procedures, and techniques used in keeping financial records for sole proprietorships, partnerships, and corporations. There is an emphasis on automated accounting.

Business Law: 060121

1 credit

Recommended Grade Level: 10-12

Business Law develops an understanding of legal rights and responsibilities in personal and business law. Hands-on activities are used which apply to everyday roles as consumers, citizens, and employees. The topics covered include the American legal system, the criminal and civil justice system, contracts, consumer protection, insurance, employment, and adulthood (marriage, divorce, renting/owning, etc.). Landmark American court cases are studied throughout the year, particularly during Black History Month. Students are also introduced to and may participate in the Hardin County Teen Court.

Business Management: 060411

1 credit

Recommended Grade Level: 11-12

Do you hope to be the boss someday? Investigate and develop your leadership skills and business knowledge with this class. This project- and team- oriented class looks at types of business ownership, management functions, leadership, business financials, marketing, and the employment process. Get the advantage over others in the job market and prepare yourself for a business career. Co-curricular development is provided through FBLA.

Business Principles & Application: 060111

1 credit

Recommended Grade Level: 9-10

This course establishes basic foundations for further study in business and marketing courses and provides essential information for making financial and economic decisions. Students learn about the

fundamentals of the American free enterprise system and world economics; applications of sound money management for personal and family finances; credit management; consumer rights and responsibilities; forms of business ownership; risk and insurance; and the importance of international trade. Leadership development will be provided through FBLA and/or DECA.

Financial Literacy: 060170

½ credit

Recommended Grade Level: 10-12

The financial literacy principles taught in this course include a study of economics, money in the economy, budgeting, credit, consumer rights and responsibilities, taxes, employee benefits, insurance, investments, and retirement planning. These principles will be taught using hands-on activities for personal use or in the business world.

Business Economics: 060511

½ credit

Recommended Grade Level: 10-12

Business Economics is an interdisciplinary elective course designed to be a comprehensive study of economics, which meets the economics core content requirement for graduation. It provides an in-depth study of how people produce, distribute, and consume goods and services. Economic terminology, theory, and a comparison of economic systems and policies are integral to the course. Simulations and/or actual work situations may be used to provide practical experience with various economic conditions. Instruction will focus on social studies core content for KCCT.

Computer and Technology Applications: 060112

1 credit

Recommended Grade Level: 9-12

This course spends the first six to nine weeks developing and/or enhancing the proper technique using the touch method for the alphabetic and numeric keys and the numeric

keypad. Students apply techniques for proofreading, editing, word division, word choice, spelling, capitalization, and punctuation for production of mailable copies. Students use application software including Microsoft Word, Excel, Access and PowerPoint to prepare elementary documents; students also have supervised access to the Internet for research purposes. Students will be allowed to use email for classroom purposes. Career awareness and employability skills are highly emphasized. The impact of computers on society and ethical issues is also presented.

Multimedia Publishing: 060700

1 credit

Recommended Grade Level: 10-12

Prerequisite: Computer and Technology Applications

This hands on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include brochures, reports, catalogs, newsletters, flyers, business forms, graphs, web pages, on-screen presentations and video productions. Equipment such as scanners, digital cameras, video cameras, and color laser printers will be utilized in creating documents. Formatting, editing, page layout and design concepts are taught.

Micorsoft Office Specialist (MOS): 070750

1 credit

Recommended Grade Level: 11-12

Prerequisite: Computer and Technology Applications

This course is designed to prepare students to certify in MOS applications (Word, Excel, Access, and PowerPoint). Students will be provided with practical applications to prepare them for entry-level office positions. Most colleges have technology requirements for their students. Earn your credentials now and don't have to pay to earn them in college!

COURSE DESCRIPTIONS

ENGLISH DEPARTMENT

English I: 230107

1 credit

Recommended Grade Level: 9

English I focuses on the development of students' language arts abilities in reading, writing, speaking, listening, and thinking. Students will study a variety of literary types and terms, define their abilities to handle writing mechanics, and write for different audiences and purposes.

Honors English I: 230108

1 credit

Recommended Grade Level: 9

English I focuses on the development of students' language arts abilities in reading, writing, speaking, listening, and thinking. Students will study a variety of literary types and terms, define their abilities to handle writing mechanics, and write for different audiences and purposes. In CP English, the students will be given supplemental assignments and will be evaluated at a higher level to receive college prep credit. Possible assignments include a vocabulary notebook, outside projects, a research paper, extra reading, additional writing assignments and foundational portfolio development.

English II: 230110

1 credit

Recommended Grade Level: 10

English II includes the study of reading (informational, literary, persuasive, and technological/workplaces; inquiry skill), speaking, listening, observational skills, and writing to include further portfolio development. In literature, students will become familiar with the elements of the short story, novels, plays, and poetry. Grammar usage will also be stressed.

Honors English II: 230111

1 credit

Recommended Grade Level: 10

CP English II is a course which focuses on developing reading, writing, and listening skills necessary for college work; which would

include improving vocabulary by studying words, synonyms, antonyms and usage for college bound students; improving grammar usage skills; refining skills in writing various sentence structures for proficient writing; and tracing the development of short stories, novels, and poems.

AP English II (Literature): 230170

1 credit

Recommended Grade Level: 10

All students will be administered practice and graded AP exams to evaluate knowledge and preparation, review elements of good writing, acquire new vocabulary, compose a research paper, recite several literary passages, participate in group assignments and projects, polish old writings as well as compose new ones, and complete a senior portfolio with the goal of a proficient score. Vigorous class participation and assignments should be expected. Argumentative essay writing will be emphasized for college preparation. Instruction and practice in reading critically, thinking logically, responding to texts, and developing research skills will also be thoroughly addressed.

English III: 230113

1 credit

Recommended Grade Level: 11

English III is a survey course of American literature focusing on both fiction and non-fiction works. This will include tracing the chronological development of American literature from the colonial period through the twentieth century and showing how each piece fits into its time period through the related reading, writing, and discussions. Development of sight vocabulary will continue through exercises and tests, and literary terminology and contextual vocabulary through selected literary works. The course will also cover writing a variety of academic compositions as they relate to academic expectations.

Honors English III: 230114

1 credit

Recommended Grade Level: 11

CP English III is a survey course of American literature focusing on both fiction and non-fiction works. This will include tracing the chronological development of American literature from the colonial period through the twentieth century and showing how each piece fits into its time period through the related reading, writing, and discussions. Development of sight vocabulary for college work will continue through exercises and tests, and literary terminology and contextual vocabulary through selected literary works. The course will also cover writing a variety of academic compositions as they relate to academic expectations further preparing the student for college level work.

AP English III (Language and Composition): 230166

1 credit

Recommended Grade Level: 11

The AP Language and Composition course I is designed for students who are interested in studying and writing various kinds of analytical or persuasive essays on nonliterary topics. The AP course will be taught with three primary objectives: students will take and pass (3+) the AP Language exam; students will develop analytical skills in reading and writing; students will develop critical thinking skills.

English IV: 230116

1 credit

Recommended Grade Level: 12

English IV is the final stage in the development of students' competencies in language arts. Grammar skills are reinforced; speaking, listening, and observing skills are expanded; vocabulary skills are refined; reading skills, both practical and literary, are stressed; research skills are continued; and writing skills are polished. The curriculum is guided by the Exit Expectations for Twelfth Grade English adopted by North Hardin's SBDM Council, the state criteria for

COURSE DESCRIPTIONS

the Twelfth Grade Writing Portfolio, and Core Content.

Honors English IV: 230117

1 credit

Recommended Grade Level: 12

College Preparatory English IV is the final stage in the development of students' competencies in language arts. Grammar skills are reinforced; speaking, listening, and observing skills are expanded; college vocabulary skills are refined; reading skills, both practical and literary, are stressed to prepare for college work; research skills are continued; and writing skills are polished. The curriculum is guided by the Exit Expectations for Twelfth Grade English adopted by North Hardin's SBDM Council, the state criteria for the Twelfth Grade Writing Portfolio, and Core Content.

English IV – Dual Credit: 230199

1 credit

Recommended Grade Level: 12

Prerequisite: See dual credit requirements

The first semester is ENG 101—Writing I, a course in writing, emphasizing argumentative. Instruction and practice in reading critically, thinking logically, responding to texts, developing research skills, writing substantial essays through systematic revision, addressing specific audiences, and expressing ideas in standard and correct English will be covered. Includes grammar and mechanics review.

The second semester is ENG 102—Writing II, a course in argumentative writing. Emphasis on development of a fluent, precise, and versatile prose style. Continued instruction and practice in reading critically, thinking logically, responding to texts, developing research skills, writing substantial essays through systematic revision, addressing specific audiences, expressing ideas in standard and correct English will be covered. Includes grammar and mechanics review. Several essays plus an 1800-2000-word research essay will be required.

Students will also be responsible for all material covered in Honors ENG IV (see course description). They will be required to pay Univ. of Campbellsville tuition and purchase course texts.

Creative Writing: 230511

1 credit

Recommended Grade Level: 11-12

Prerequisites: Application process

Creative Writing is a workshop-based course for juniors and seniors who have a genuine interest in writing. During this class, students will be encouraged to analyze, explore, and use the techniques and characteristics of the various forms of writing, to include drama, poetry, short story and creative non-fiction. Students will be strengthening their mastery of the writing process as well as their personal reading skills, and there is an emphasis in this class on self-expression and self-efficacy. Students will learn to think about writing as being multi-faceted; they will understand how writing can be used as a form of communication, of expression, of narration, and of social commentary.

Intro to Journalism: 239199

1 credit

Recommended Grade Level: 9-10

As an introductory course into Newspaper-Journalism, Yearbook-Journalism, and TVP, students will be engaged in a brief study of the history and contemporary role of mass media. Students engaged in this course will gain an understanding of the basic features of journalism and journalism copy (writing), the purposes and characteristics of design (graphics), a survey of advertising, photojournalism, research and interviewing skills, ethics in journalism and First Amendment Law. This is a writing course and is a prerequisite for newspaper, yearbook and TVP.

Journalism Newspaper: 239111

1 credit

Journalism Newspaper: 239100

2 credits

Recommended Grade Level: 10-12

Prerequisite: application process

Journalism Newspaper teaches students the skills required to be successful in the field of journalism by incorporating journalistic writing skills, interviewing skills, Quark Xpress and Adobe Photoshop (the computer software the professionals use) and photography. Students learn what it is like to work together as a staff to produce the school's monthly newspaper, *The Trojan Triumph*. Students will be expected to utilize their class time to get their work submitted prior to deadlines and will be expected to stay after school when necessary. The student must also sell \$300.00 worth of ads to local businesses to be printed in the paper.

Yearbook Production: 239141

1 credit

Yearbook Production: 239140

2 credits

Recommended Grade Level: 10-12

Prerequisite: application process

Journalism-Yearbook teaches students the skills required to be successful in the field of journalism by incorporating journalistic writing skills, interviewing skills, Adobe InDesign CS2 and Adobe Photoshop (the computer software the professionals use) and photography. Students learn what it is like to work together as a staff to produce the school's annual, *The Trojan*. Students on the yearbook staff will study all the procedures and concepts used in building a professional, quality publication. Students will be expected to utilize their class time to get their work submitted prior to deadlines and will be expected to stay after school when necessary and finish the production of the book following the end of the academic year. The student must also sell \$300.00 worth of ads to local businesses to be printed in the paper.

COURSE DESCRIPTIONS

Oral Communications: 231021

½ credit

Recommended Grade Level: 11-12

Oral Communications is a first semester class that focuses on how to effectively communicate with a given audience, a task that will take several forms, including, but not limited to: formal as well as impromptu speeches, debates, oral interpretation, storytelling, and written expression. We will develop and practice such skills as listening, observing, speaking, writing and researching, as well as engage in on-going self-reflection to determine if we are growing as effective speakers. Class participation is a given—you will be asked to participate in all class discussions and to complete all class assignments.

Drama: 230127

½ credit

Recommended Grade Level: 11-12

Drama is a second semester class which is intended to serve as an introduction to drama. As a result of this course, students will be exposed to the field of drama and public speaking in a variety of ways. Students will explore the history of theater, examine the development of the motion picture industry, engage in acting techniques, experience some of the greatest scripts and films of theater and stage, and develop an understanding of the aesthetic art of drama. Students will work to polish and improve oratory and acting skills by reading and studying plays of the past and present, as well as by writing and performing scripts and speeches. Students will study diction and voice techniques and learn how to control stage fright, as well as learn about theater layout and design. Various theater professions /occupations will also be explored. This course should only be taken by those students wishing to undergo an intense study of this art.

Mythology & Fable: 230126

1 credit

Recommended Grade Level: 11-12

Mythology is an introductory course that focuses on the ancient Romans and Greeks. Although students will

start by examining some world myths, they will spend most of the course discovering Greek and Roman gods, monsters, and heroes. The class will not only survey all major gods and heroes, together with their associated stories, but will also pay particular attention to what the myth “does,” how it operates, and what it seeks to achieve. From there, students will read ancient plays, learn about the heroic sagas, and then see how various schools of thought have interpreted both the myths and sagas. Finally, students will analyze how modern writers and moviemakers interpret the ancient stories, and make their own interpretations.

FAMILY AND CONSUMER SCIENCES

FACS Life Skills: 200113

1 credit

Recommended Grade Level: 9-10

This comprehensive course provides an opportunity for acquiring basic life skills and allows students to select specific areas for concentrated study. Emphasis is on work and family, adolescent development, selection and care of clothing, consumer spending, housing choices, challenges of child rearing, and guidance in establishing relationships.

Child/Human Development: 200123

1 credit

Recommended Grade Level: 10-12

This course addresses the practical problems related to understanding the types and stages of human growth and development, recognizing effects of heredity and environment on human growth and development, meeting the needs of exceptional children, promoting optimum growth and development in the infancy, toddler, and preschool stages. Careers in child/human development are explored.

Child Development Services I & II: 200263

2 credits

Recommended Grade Level: 11-12
Prerequisite: Child/Human Development and application process

This course provides training for entry-level positions in day care centers, nurseries, kindergartens, and private homes. Students study careers in child development, child development and guidance, children’s health and well being in group care, value of play, teaching strategies and management, and curriculum development. The subject content is reinforced with work experience in a variety of childcare establishments.

Culinary I & II: 200413

2 credits

Recommended Grade Level: 11-12
Prerequisite: Advanced Foods and Nutrition and application process

This course prepares students in career competencies in food production and service for a variety of commercial foods establishments such as schools, hospitals, nursing homes and restaurants. Orientation to the food service industry and development of food preparation skills are reinforced with shadowing and work experience during the latter part of the course. Students will gain hands-on work experience running the Trojan Treats Café, a restaurant within the school.

Adv. Foods and Nutrition : 200451

1 credit

Recommended Grade Level: 10-11
Prerequisite: Foods and Nutrition

This course is designed to provide training for employment in hospitality services in the area of food service. Career decisions and demands on family life are explored as well as skills and concepts related to supportive services such as public relations, food and beverage operations, management techniques and entrepreneurship. Instruction will include on-the-job experiences.

COURSE DESCRIPTIONS

Fashion and Interior Design I: 200821

1 credit

Recommended Grade Level: 9-12

This course provides opportunities for students to develop career competencies in the fashion and/or interiors industry by applying information related to social, economic, and media influences. Students apply knowledge of design principles and processes through skill performance activities, including sewing skills with use of sewing machine.

Fashion and Interior Design II : 200825

1 credit

Recommended Grade Level: 10-12

Prerequisite: Fashion and Interior Design I

This course provides opportunities for students to develop career competencies in the fashion and/or interiors industry. Practical problems include advanced textile construction techniques, and/or the creation of floor plans using technological resources. Entrepreneurial opportunities will be explored. Application of skills will occur in a variety of work sites. Students will gain hands-on work experience by running "Trojan Stitchery", a school-based computerized embroidery business.

Foods and Nutrition: 200441

1 credit

Recommended Grade Level: 9-12

Course Description: This course is designed to assist students in making critical decisions about food, which contributes to health and well-being. Laboratory instruction is included as an application process. Practical problems addressed relate to attitudes toward food, nutrition facts, special health concerns and diets, Money Skills/Relationships

Money Skills: 200121

½ credit

Recommended Grade Level: 9-12

This course is taken with Relationships

This course is designed to prepare students to understand and use sound financial management skills and practices contributing to financial stability, improving the quality of life for individuals and families. Decision-making, problem solving, goal setting and using technology are integrated throughout the content.

Relationships: 200171

½ credit

Recommended Grade Level: 9-12

This course is taken with Money Skills

This course assists students to develop self-understanding, understand others better, improve interpersonal skills both within and outside the family, be more considerate of other person's needs and property, and maintain mental and emotional wellness. Family Life education comprises a portion of this course, including dating and married relationships. Preparations for and the achievement of a successful marriage are emphasized.

FOREIGN LANGUAGES

It is recommended that students who sign up for foreign language in the 9th grade level have at minimum a C average in 8th grade English/Language Arts.

German I: 160508

1 credit

Recommended Grade Level: 9-12

This course introduces the student to the German language, with emphasis on the development of the four communication skills: listening, speaking, reading and writing. Students learn to communicate in German, develop an awareness of the German culture, and develop connections to the German culture and his or her own.

German II: 160509

1 credit

Recommended Grade Level: 10-12

Prerequisite: German I

This course is a continuation of German I. The student's vocabulary is broadened as he or she continues to improve the four communication skills: listening, speaking, reading and writing. The activities create language competence in real life situations that are of interest in communicating in the German language. In addition to studying grammar and systematically acquiring vocabulary, students read short stories in order to develop literary and cultural appreciation as well as conversational skills. The use of multimedia resources, written resources and short lectures reinforces sensitivity to the cultures of the various German-speaking countries.

German III: 160510

1 credit

Recommended Grade Level: 11-12

Prerequisite: German II

In this class students continue to sharpen their skills to develop intermediate level proficiency in listening, speaking, reading, and writing through activities that create language competence in real-life experiences and simulations. Increased insight into the German culture in relation to their own is emphasized. Literary readings and the use of more complex grammatical structures are introduced, providing opportunities for connecting to other content areas and comparing cultures.

AP German IV: 160530

1 credit

Recommended Grade Level: 12

Prerequisite: German III

This course continues the development of listening, speaking, reading and writing skills from German III through activities that create language competence in real-life experiences and simulations. Increased insight into the German culture in relation to their own is emphasized. Literary readings and the advanced use of more complex

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grammatical structures provide opportunities for connecting to other content areas and comparing cultures, thus preparing the students for the Advanced Placement test.

Spanish I: 161108

1 credit

Recommended Grade Level: 9-12

This course introduces the student to the Spanish language, with emphasis on the development of the four communication skills: listening, speaking, reading and writing. Students learn to communicate in Spanish, develop an awareness of the Spanish culture, and develop connections to the Spanish culture and his or her own.

Spanish II: 161109

1 credit

Recommended Grade Level: 10-12

Prerequisite: Spanish I

This course is a continuation of Spanish I. The student's vocabulary is broadened as he or she continues to improve the four communication skills: listening, speaking, reading and writing. The activities create language competence in real life situations that are of interest in communicating in the Spanish language. In addition to studying grammar and systematically acquiring vocabulary, students read short stories in order to develop literary and cultural appreciation as well as conversational skills. The use of multimedia resources, written resources, and short lectures reinforces sensitivity to the cultures of the various Spanish-speaking countries.

Spanish III: 161110

1 credit

Recommended Grade Level: 11-12

Prerequisite: Spanish II

In this class students continue to sharpen their skills to develop intermediate level proficiency in listening, speaking, reading, and writing through activities that create language competence in real-life experiences and simulations. Increased insight into the Spanish culture in relation to their own is emphasized. Literary readings and

the use of more complex grammatical structures are introduced, providing opportunities for connecting to other content areas and comparing cultures.

AP Spanish IV: 161130

1 credit

Recommended Grade Level: 12

Prerequisite: Spanish III

This course continues the development of listening, speaking, reading and writing skills from Spanish III through activities that create language competence in real-life experiences and simulations. Increased insight into the Spanish culture in relation to their own is emphasized. Literary readings and the advanced use of more complex grammatical structures provide opportunities for connecting to other content areas and comparing cultures, thus preparing the students for the Advanced Placement test.

HEALTH & PHYSICAL EDUCATION

Health Education I: 340133

½ credit

Recommended Grade Level: 9

This course emphasizes instruction in the health essential skills areas which are personal wellness, community/consumer health, safety and accident prevention, substance use and abuse, growth and development, personal health, mental health, family life, environmental health and nutrition education. The successful completion of one semester of health is required for high school graduation.

Physical Education I: 340216

½ credit

Recommended Grade Level: 9

Physical Education I provides instruction in various activities to meet individual needs and interests of pupils. The main focus of this class will be an emphasis on lifetime physical wellness and psychomotor skills. The assessments used will be primarily individual in nature. The class has a book and some activities

are done in the classroom setting. There will be other activities such as individual, team sports, and rhythmic activities. Students are required to dress in appropriate gym clothing and participate in class. The successful completion of one semester of physical education is required for high school graduation.

Advanced Physical Education: 340218

1 credit

Recommended Grade Level: 10-12

Prerequisite: Health and PE I

Advanced PE is provided for students who have successfully completed Physical Education I. The course introduces new activities involving physical fitness. Advanced skill development, rule knowledge, strategy acquisition, and lifetime skill development is emphasized. Content will include nutrition, diet and special health concerns. Written activities and learner objectives are a focus for integrating experiences and knowledge from other subject matter fields with the physical education program. Students are required to dress in appropriate gym clothing.

Conditioning: 340217

1 credit

Recommended Grade Level: 10-12

Prerequisite: Physical Education I and Health Education

This is an advanced Physical Education class that stresses physical conditioning. The class consists of an organized program of cardiovascular, plyometric and strength training. Students are required to dress in appropriate gym clothing. (Note: A student may enroll in either Physical Conditioning or Physical Education. He/She may not be allowed to enroll in both classes during the same school year.)

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Advanced Conditioning: 340222

1 Credit

Recommended Grade Level 11-12

Prerequisites: Physical Education I and Health Education, 1 year of Conditioning or equivalent with a B or better, North Hardin Student Athlete and coach approval

This is an advanced Physical Education class that stresses physical conditioning. The class consists of an organized program of cardiovascular, plyometric and strength training. Students are required to dress in appropriate gym clothing. Class will focus on sports specific conditioning and weight training. Students will be given differentiated workouts to meet the needs of each student athlete for both in season and out of season conditioning. (Note: A student may enroll in either Physical Conditioning or Physical Education. He/She may not be allowed to enroll in both classes during the same school year.)

MATHEMATICS DEPARTMENT

Algebra I: 270304

1 credit

Recommended Grade Level: 9

This course emphasizes computation with algebraic expressions and the analyzing and solving of linear equations and inequalities through multiple strategies. Polynomials will be explored using factoring, the quadratic formula, and completing the square. Graphing of various equations will be investigated through the use of technology.

Honors Algebra I: 270305

1 credit

Recommended Grade Level: 9

This course emphasizes the analyzing and solving of linear equations and inequalities through multiple strategies. Polynomials will be explored using factoring, the quadratic formula, and completing the square. Graphing of various equations will be investigated through the use of technology.

Algebra 1.5/Introduction to

Algebra 2: 270310

1 credit

Recommended Grade level: 10-11

Prerequisite: Algebra I

This course is designed for those students who have completed their Algebra I graduation credit, but are not deemed sufficiently prepared to attempt a rigorous, Algebra II course. The intent of this course is to go beyond Algebra I and prepare students for the Algebra II course. This course could serve as a mathematics elective for high school graduation, but not as the required Algebra II credit for high school graduation.

Algebra II: 270311

1 credit

Recommended Grade Level: 11

Prerequisite: Algebra I and Geometry

This course is designed to give students a strong mathematical background in preparation for college level mathematics. Topics explored include solving linear and quadratic equations and inequalities using a variety of strategies (i.e. graphing, arithmetic combination, substitution, matrices). Logarithms, trigonometric relationships, statistics and probabilities will be explored.

Honors Algebra II: 270312

1 credit

Recommended Grade Level: 11

Prerequisite: Algebra I and Geometry

This course is designed to give students a strong mathematical background in preparation for college level mathematics. Topics explored include solving linear and quadratic equations and inequalities using a variety of strategies (i.e. graphing, arithmetic combination, substitution, matrices). Logarithms, trigonometric relationships, statistics and probabilities will be explored.

Geometry: 270401

1 credit

Recommended Grade Level: 10

Prerequisite: Algebra I

Deductive and inductive reasoning will be developed in relationship to

lines, planes, and angles. Properties of parallel and perpendicular lines will be explored as well as congruent polygons. Area, surface area, and volume will be analyzed with regard to two and three-dimensional figures. Graphing techniques will be emphasized through the use of technology.

Honors Geometry: 270402

1 credit

Recommended Grade Level: 9-10

Prerequisite: Algebra I

Deductive and inductive reasoning will be developed in relationship to lines, planes, and angles. Properties of parallel and perpendicular lines will be explored as well as congruent polygons. Area, surface area, and volume will be analyzed with regard to two and three-dimensional figures. Graphing techniques will be emphasized through the use of technology.

College and Career Readiness

Mathematics: 270718

1 Credit

Recommended Grade Level: 11-12

This course is for students who need additional time and support to complete the mathematics requirements for graduation or who may not have attained the mathematics benchmark ACT score, set by the Council on Postsecondary Education. It addresses the KY high school core academic standards for mathematics and the ACT's college readiness standards, with a strong emphasis on real world connections and/or connections with other disciplines of study. This course could serve as a mathematics elective for high school graduation, but not as one of the 3 required math courses for high school graduation: Algebra I, Geometry or Algebra II.

Mathematics Concepts: 270309

1 Credit

Recommended Grade Level: 12

This course is designed for students who need additional time and help with mathematical strategies. This course uses hands-on activities and experiments with graphing calculators to support the study of the

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concepts addressed in the relevant statements in the High School Mathematics Program of Studies for a high school. This course can be individualized to enhance a student's college or career readiness. This course could serve as a mathematics elective for high school graduation, but not as one of the 3 required mathematics credits for high school graduation: Algebra I, Geometry or Algebra II.

College Algebra (Dual Cr): 270651 **1 credit**

Recommended Grade Level: 12
Prerequisite: Algebra I, Geometry, Algebra II and minimum 18 on ACT or 80% on placement test

Course topics include basic concepts of algebra including the study of various types of functions such as linear, quadratic, rational, radical, logarithmic, exponential and absolute value. An in-depth look at complex number systems, equations, inequalities and graphs of the above-mentioned functions allow students to possibly earn college credit along with high school credit in this course. Additional topics which may be introduced are conic sections, inverse functions, operations and compositions of functions, systems of equations, sequences and series and the binomial theorem.

Pre-Calculus: 270501

1 credit

Recommended Grade Level: 11
Prerequisite: Honors Algebra II

This course includes the topics traditionally taught as trigonometry and analytic geometry. It integrates additional work with families of functions including the translations and transformations of quadratics, cubics, rational functions and other polynomial functions. The use of a graphing calculator is required on a daily basis.

AP Calculus AB: 270513

1 credit

Recommended Grade Level: 12
Prerequisite: Pre-Calculus

This course is designed to prepare students to take the advanced

placement examination given each spring, for which placement and/or credit may be awarded at the college level if a qualifying score is obtained. Content of the college-level course as defined by the Advanced Placement Course Description for Calculus AB by the College Board.

MILITARY SCIENCE **EDUCATION**

JROTC (Junior Reserve Officer Training Corps) is an elective course designed to teach high school students the value of citizenship, leadership, service to community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. Its focus is reflected in its mission statement, "To motivate young people to be better citizens." It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as an American citizen.

Army Junior ROTC Level I: 580240*

1 credit

Recommended Grade Level: 9

LET 1 is a comprehensive program that introduces first year cadets to the JROTC program. The classroom environment is very structured. Weekly uniform wear is a requirement. LET 1 subjects are: Leadership, Drill, Foundations for Success, First Aid, Citizenship and American History, plus Winning Colors and Unlocking Your Potential. The course is a survey type course that provides the cadets with an overview of the entire program.

Army Junior ROTC Level II: 580241*

1 credit

Recommended Grade Level: 10-11

LET 2 is a comprehensive program that continues from and builds on subjects taught in the LET 1 year. It prepares cadets for even greater positions of leadership and responsibility. As in the LET 1 year, the classroom environment is very

structured. Weekly uniform wear is a requirement. LET 2 subjects are: Leadership, Drill, Foundations for Success, First Aid, Citizenship and American History, plus Winning Colors, Unlocking Your Potential, and the High School Financial Planning Program. Emphasis this year includes enhanced communication skills, teaching a class, goal setting, physical well being, and first aid, and the military history of the United States from 1776 through the American Civil War. * JROTC instructors reserve the right to not allow your student to continue in JROTC if their performance in prior years was not satisfactory.

*** Students completing LET I & II at NH will fulfill the Health/PE requirement.**

Army Junior ROTC Level III: 580242

1 credit

Recommended Grade Level: 11-12

LET 3 is a comprehensive program that explores in greater depth many of the subjects introduced during the first two years of JROTC. The classroom environment continues to be very structured and weekly uniform wear is a requirement. LET 3 subjects emphasize Leadership Theory and Application and include, Drill, Foundations for Success, Wellness and Fitness, Citizenship and American History, plus Winning Colors and Unlocking Your Potential. Emphasis this year includes understanding the Department of Defense and its components, problem solving and decision-making skills, basic financial planning skills, self understanding and improvement, career planning, and physical well being. *JROTC instructors reserve the right to not allow your student to continue in JROTC if their performance in prior years was not satisfactory.

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Army Junior ROTC Level IV:
580243 (Must be taken in conjunction with Level V)
1 credit

Army Junior ROTC Level V:
580244 (Must be taken in conjunction with Level IV)

Recommended Grade Level: 12
Prerequisite: Completion of Level III with at least a 74% average.
Must submit application to Maj. Fisher prior to approval for taking course.

Let 4/5 is a comprehensive two-credit program that explores in greater depth many of the subjects introduced during the first three years of JROTC. The classroom environment is very unstructured this year, with the students expected to provide structure during both their LET 4 and LET 5 classes. The LET 4 period is the didactic portion of the course, while the LET 5 portion is the practical application phase where the Cadet applies those theories and concepts learned in previous years and in LET 4. LET 4/5 emphasizes Leadership Theory and Application, Service Learning, and Responsibility for Self. The major emphasis during this year is on advanced leadership and decision-making skills, peer counseling, and environmental issues. The major vehicles for much of the learning are the LET 5 period where the cadet holds a leadership or staff position and is expected to apply the techniques of leadership and management they have learned in a "real world" setting and a variety of service learning projects that the Cadets plan and implement. Subjects include, Drill, Foundations for Success, Wellness and Fitness, Citizenship and American History, plus Winning Colors and the Success Profiler. *JROTC instructors reserve the right to not allow your student to continue in JROTC if their performance in prior years was not satisfactory.

LET V Cadet Student Teaching
(JTA & North Middle)

2 Credits

In order to be eligible, cadets must have completed LET I, LET II, LET

III, and currently be enrolled as an active LET IV senior cadet in the NHHS JROTC program. Cadet must be in good standing and selected, by the Senior Army Instructor, as the appropriate type of "role model" capable of teaching & coaching in the middle school. This course IS NOT to be considered available to all LET IV seniors

MUSIC DEPARTMENT

Chorus: 500902

1 credit

Recommended Grade Level: 10-12

This is a choir for male and female voices. Various styles of music will be performed in 3 and 4-part harmony. There are required performances and also volunteer performance opportunities throughout the school year. There is a strong emphasis on developing music reading skills and sight-singing skills in this class. The Arts & Humanities curriculum is incorporated in this class also.

Men's Vocal Ensemble: 500910

1 Credit

Freshmen only

This is a choir for all incoming freshmen to North Hardin High School. It will consist of learning the basic elements of music, including reading music, and developing proper singing technique. There are required performances and also various volunteer performance opportunities throughout the year. Incorporated into the course (usually one day per week) will be Arts & Humanities curriculum. Any students who are enrolled in choir for their Freshman, Sophomore and Junior years will receive their one required Arts & Humanities credit.

Women's Vocal Ensemble: 500903

1 Credit

Freshmen only

This is a choir for all incoming freshmen to North Hardin High School. It will consist of learning the basic elements of music, including reading music, and developing proper singing technique. There are required performances and also

various volunteer performance opportunities throughout the year. Incorporated into the course (usually one day per week) will be Arts & Humanities curriculum. Any students who are enrolled in choir for their Freshman, Sophomore and Junior years will receive their one required Arts & Humanities credit.

Advanced Women's Ensemble: 500932

1 credit

Recommended Grade Level: 10-12

Prerequisite: Audition and/or teacher approval (See Ms. Root in room 105)

This is a choir for females only. We will be performing various styles of music in 2,3,and 4-part harmonies. This choir continues developing music-reading skills, performance skills and proper vocal technique. The Arts & Humanities curriculum is also incorporated into this class.

Advanced Chorus: 500904

1 credit

Recommended Grade Level: 10-12

Prerequisite: Audition and/or teacher approval (See Ms. Root in room 105)

Chorus courses provide the opportunity to sing and perform a variety of music styles for men's and women's voices, and are designed to develop vocal techniques and abilities. Course covers the structure, humanities, purposes, processes, and interrelationships of the arts as they apply to music. There are required performances and also volunteer performance opportunities throughout the school year.

Musical Theatre: 500905

1 credit

Recommended Grade Level: 10-12

Prerequisite: Audition and teacher approval (See Ms. Root in room 105)

This is a smaller, select mixed choir that requires an audition and a teacher recommendation. A large range of music styles will be

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performed in this class including a significant amount of acappella singing as well as some “show choir” selections. This group will be singing a more difficult level of music; therefore, will require strong skills in music reading, singing, performance and self-discipline.

Individual Vocal Technique: 500927

1 credit

Recommended Grade Level: 10-12

Prerequisite: Audition and teacher approval (See Ms. Root in room 105)

This class must be taken in conjunction with another advanced level choir class. An individual technique is a class for the advanced, highly independent vocal student. Students will develop individual techniques and apply them to solo performances, in addition to small group ensembles. Various literature styles and language styles will be emphasized, in addition to preparation for post high school vocal music experiences.

Band: 500913

1 credit

Recommended Grade Level: 9-12

The mission of the North Hardin High School instrumental department is to promote musical appreciation, knowledge, and participation through the study and performance of high quality literature. The performance courses offer a unique content that has value, demands rigor, and is worthy of academic study. Students are placed in the bands based on a number of factors including commitment level, dedication, and performance level. Band is co-curricular class, meaning that there are after school requirements involved including, but not limited to, concerts, music festivals, pep band and practice/sectionals. Students will also have an opportunity to participate in solo/ensemble festivals as well as auditions for placement in all-district and all-state bands. Continued student membership in any of the

instrumental music classes must have the approval of the directors. Students will also receive arts and humanities instruction on a weekly basis in the areas of music, dance, drama, and visual art. Upon the completion of three years of band, students will receive an arts and humanities credit, as well. Students will be placed either in Concert Band, Symphonic Band, or Wind Symphony based on auditions and/or instructor recommendation.

Chamber Winds: 500908

1 credit

In this course students will develop skills in regards to soloistic and small ensemble playing. Students will be exposed to the standard repertoire of their instrument, as well as music written for small ensembles such as woodwind quintets and brass quintets. Students majoring in music will have special opportunities to receive mentorship and instruction in regards to attaining music scholarships at the collegiate level. The class will also feature enrichment in the areas of music history, music theory, pep band and arts and humanities.

Jazz Band: 500920

1 credit

Jazz Band will encourage students to learn the basics of jazz performance, as well as exposing students to the various vehicles of jazz music including small jazz combos, and big band. Students that play instruments such as the saxophone, trumpet, trombone, piano, drum set, or guitar would be eligible for the class. Students will experiment with and perform jazz techniques including improvisation. This class is co-curricular and students will have to meet certain after school requirements including, but not limited to, rehearsals, music festivals, concerts, pep band and other community performances. Students must have permission from the instructor to enroll in the class.

Music Theory: 500928

1 credit

Recommended Grade Level: 11-12

In this course you will study the organizational structure of Western music. Students will be exposed to both written and oral theory and will be expected to reach certain levels of keyboard proficiency. Some basic concepts covered in this course are major and minor scales, music notation, harmonic progression, intervals, triads and seventh chords, figured bass symbols, solfeggio, sight-singing, rhythm and meter, transposition, part-writing, form, and cadences. There will also be a research unit on music history with group presentations as the culminating activity.

SCIENCE DEPARTMENT

Integrated Science: 303091

1 credit

Recommended Grade Level: 9

This course is designed to acquaint students with the knowledge of the world around them, then challenge students to make decisions and formulate their own viewpoints about issues facing them in the field of science. Hands-on laboratory activities will be incorporated into all areas of science, such as physical science, life science, environmental science and earth science.

Biology: 302601

1 credit

Recommended Grade Level: 10

This course will give students a basic understanding of the living world. Subjects studied will include methods of scientific investigation, atomic and molecular structure, cell structure and function, reproduction, DNA and heredity, genetics, ecology, and change over time.

Honors Biology: 302603

1 credit

Recommended Grade Level: 10

The basic idea behind this course is to present the facts of biology within a pattern of unifying concepts that helps students understand the larger significance of the details they are learning. Material will be presented to stimulate the students' curiosity about biology and the significance for their lives now and as adults.

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AP Biology: 302646

1 credit

Recommended Grade Level: 11-12

Prerequisite: Honors Biology, Chemistry (may be taken concurrently)

This course is designed to be the equivalent of a college introductory biology. Topics covered in this course include biochemistry, genetics, physiology, ecology, evolution, and an overview of the full range of living organisms.

Chemistry: 304521

1 credit

Recommended Grade Level: 11-12

The focus of the course is an enhancement in science literacy and an emphasis on the role of chemistry in society. The course is a student centered, activity based, issue oriented chemistry course that encourages small group learning.

Honors Chemistry: 304527

1 credit

Recommended Grade Level: 11-12
Prerequisite: Algebra I

This course is designed to expose students to the fundamental concepts of chemistry and show how they relate to our everyday lives. Such topics as matter and its properties, atomic structure, periodic table, bonding, equations and mass relationships, gas laws and solutions are covered.

AP Chemistry: 304526

1 credit

Recommended Grade Level: 12

Prerequisite: Honors Chemistry

This course offers students advanced-level and enrichment experiences in concepts that involve chemical changes in matter. Laboratory experiments will be used to promote the spirit of inquiry and investigation. The focus of the course will be preparation for the AP Chemistry examination.

Anatomy: 302631

1 credit

Recommended Grade Level: 11-12

Prerequisite: Biology

This course deals with the detailed study of the structure and functions of the human body. Topics covered include anatomical language, cells and tissue, skin, skeleton system, muscles, nervous system, senses, hormones, circulatory, digestive and reproductive system.

Earth Space Science: 304611

1 credit

Recommended Grade Level: 11

This course is designed to help students develop a conceptual understanding of Earth/Space science, as outlined in the KY Program of Studies, through the use of scientific inquiry. They experience Earth/Space concepts such as energy in the Earth system, geochemical cycles, formation and ongoing changes of the universe. A scientific inquiry approach uses concrete, hands-on experiences that require students to apply critical thinking skills. It is suggested that the physical science course be taken Earth/Space science.

Physics: 304821

1 credit

Recommended Grade Level: 11-12

Prerequisite: Algebra I and one of the following: chemistry, honors chemistry or advanced integrated science

This course offers pupils general conceptual experiences and activities centered upon the physical interactions of matter and energy. A brief review of essential mathematics is followed by a more detailed investigation of motion and all its factors.

Forensics: 302616

1 credit

Recommended Grade Level: 12

Prerequisite: Integrated Science, Biology and one of the following: chemistry, honors chemistry or advanced integrated science

The study of special topics such as forensics will be intertwined with the teaching of physics, chemistry, biology and earth science. This course will be largely hands-on with a tremendous emphasis on analytical skills and writing.

SOCIAL STUDIES **DEPARTMENT**

Civics: 451001

1 credit

Recommended Grade Level: 9-10

This course is designed to be an overview of US Government. Students will compare types of governments and economies as well as learn to compile graphs and charts. Students will study the workings of government, the Constitution, civil liberties, civil rights, global perspectives, international trade and economics as well as other issues involving the political process.

World Civilization: 450842

1 credit

Recommended Grade Level: 10

This course is designed to give students knowledge of the current political, social and economic world by showing them the path from which it evolved. The course will emphasize Western Civilization 1500-present. The course will include the geographical perspective of history with use of maps, charts and the five themes of geography.

AP World History: 450876

1 Credit

Recommended Grade Level: 10-12

Prerequisite: It is highly recommended that the student be earning an A in a social studies class when he or she elects the AP course.

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of

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changes in international frameworks and their causes and consequences, as well as comparisons between major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the last thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 650 C.E. Periodization, explicitly discussed, forms the organizing principle for dealing with change and continuity from that point to the present. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. Students will be offered the College Board test in the Spring.

US History: 450812

1 credit

Recommended Grade Level: 11

The United States History course enhances students' knowledge of American History and will give students an understanding of the past and present social, economic and political situation. The course will emphasize various periods of U.S. History from Reconstruction to the present. Other Social Studies disciplines such as Economics, Geography, Political Science and Art and Literature will be integrated into the American History curriculum as it occurs chronologically.

AP US History: 450814

1 credit

Recommended Grade Level: 11

Prerequisite: It is highly recommended that the student be earning an A in a social studies class when he or she elects the AP course.

Advanced Placement U.S. History is designed to provide college level experiences for high school students. The course follows the curriculum established by the College Board and prepares students to take the

Advanced Placement examination in American History. The program is designed to provide students with the analytical skills and factual knowledge necessary to assess historical material, weighing the evidence and interpretations presented in historical scholarship. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documentation and historiography.

The AP exam is given in May (approximate cost is \$83.00). Registration for the exam takes place in March. Although the exam is NOT required, it is highly recommended and may earn college credit.

African American Studies: 450877

1 credit

Recommended Grade Level: 9-12

This class will focus on African American history from a cultural, political, historical, economical and global perspective. Students will participate in an in-depth study of the relationship between minorities and the American Government as well as the analysis of African American history from Africa to contemporary America.

Political Science: 451029

1 credit

Recommended Grade Level: 10-12

Through the use of headline news, current events, court cases, and primary source documents this course will examine the structures of governments, economies and institutions. It will offer an opportunity for in depth study of the decision-making process and power dominance as well as helping to develop problem-solving skills in the areas of political and global concern. This would be obtained through the study of the Constitution of the United States, State Constitutions, Local Laws and Ordinances as well as Kentucky Revised Statute and other Commonwealth policies. Democratic values and involved citizenship are stressed throughout the course.

Psychology: 459901

½ credit

Recommended Grade Level: 11-12

Psychology is the systematic study of individual behavior and human mental processes. It studies both the cognitive aspects of the mind and the affective aspect or how humans feel about their experiences. How individuals perceive, learn, react and relate to each other and to themselves are a major aspect of psychology.

Sociology: 451121

½ credit

Recommended Grade Level: 11-12

Sociology is the scientific study of human relationships. It focuses on human behavior in-group situations and on group dynamics. Sociology also focuses on dominant/minority status relationships. It consists of the study groups including political, religious, ethnic, and racial.

TECHNOLOGY EDUCATION

Web Page Design Level I: 110802

1 credit

Recommended Grade Level: 9-12

Recommended that students have a proficient understanding of basic word processing and keyboarding skills.

Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multi-media web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras, and sound recording devices will be utilized through hands-on instruction

Web Site Design Level II: 110804

1 Credit

Recommended Grade level: 10-12

Prerequisite: Web Page Design Level I or equivalent.

This course focuses on the overall Web site production process involving layout, navigation, and interactivity, with particular emphasis on design. It will expose the student to the operation of digital

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video camera, scanners, and sound equipment. The design, layout, and composition of images, animation, and video suitable for Web site production is stressed. Developing site specifications and methods to increase the appeal and effectiveness of web sites are included. How to prepare web documents appropriate for use in business and professional web sites will be covered.

Project Lead the Way **(PLTW)**

Introduction to Engineering Design (IED): 219902 **1 credit**

Recommended Grade Level: 9-10
In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global impacts, engineering standards, and technical documentation.

Principles of Engineering (POE) **1 credit**

Recommended Grade Level: 10-11
Prerequisite: Intro to Engineering
This survey course of engineering exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community.

More PLTW courses to be offered in the coming years.

Digital Electronics (DE) **1 credit**

Recommended Grade Level: 10-11
Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. This course is designed for 10th or 11th grade students.

Specialization Course **Computer Integrated Manufacturing (CIM)**

Recommended Grade Level 11-12
Students answer the questions: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems. This course is designed for 10th, 11th or 12th grade students.

Capstone Course **Engineering Design and Development (EDD)**

Recommended Grade Level 11-12
This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead The Way courses. The

use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable set for students in the future. This course is designed for 12th grade students.

TELEMEDIA TECHNOLOGY

This course of study can result in issuance of a certificate from the state of Kentucky for those students accepted into the program and those successfully completing either 3 courses in Telemedia Technology for a Certificate of Achievement or 4 courses in the Telemedia Technology as well as a one-semester co-op offered at HCEC-TV for a Certificate of Mastery. Students may also be asked to participate in Skills Standards Testing.

The first four levels of Telemedia Technology classes are offered during 1st and 2nd periods in a combined class level format. Students will be able to complete 2 courses from the Telemedia Technology Career Major over the span of 1 school year. All courses listed provide Level III Vocational/Technical Education course training.

Camera Operation/Sound Production Level I: 480401

1 credit; 1st class in a series of 4
Recommended Grade Level: 10-12
Prerequisite: Application process

In Camera Operation/Sound Production, students are responsible for producing the daily news program/news magazine program entitled "Trojan Headlines." Students concentrate on learning proper use of studio cameras as well as audio/sound operation for both in Studio and location productions. Students will be expected to produce a professional product and therefore must agree to accept the workload required and the responsibility demanded of a professional. Successful completion is measured in

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grades, passing of exit exams, attitude, behavior, working 3 required volunteer night or weekend productions per 9 weeks and attendance. All students are required to complete three night or weekend productions for test grades (AKA, practicums) per nine weeks.

Performance & Scripting Level II: 480402

1 credit; 2nd class in a series of 4
Recommended Grade Level: 10-12
Prerequisite: Successful completion of or concurrently enrolled in Camera

Operation/Sound Production

Students enrolled in this course are responsible for writing and presenting news, sports, weather, or feature news plus interviewing and news delivery techniques, using single-cameras or multiple cameras in Studio as well as on location (“in the field”) to complete special stories and/or packages that air during Trojan Headlines as well as on HCEC-TV. Students will be expected to produce a professional product and therefore must agree to accept the workload required and the responsibility demanded of a professional. Successful completion is measured in grades, passing of exit exams, attitude, behavior, working 3 required volunteer night or weekend productions per 9 weeks and attendance. All students are required to complete three night or weekend productions for test grades per nine weeks.

Video Editing Level III: 480403

1 credit; 3rd class in a series of 4
Recommended Grade Level: 11-12
Prerequisite: Successful completion of Camera

Operation/Sound Production and Performance & Scripting.

In this 3rd level of the Telemedia Technology Certification, students will concentrate on conceptualizing (including storyboarding), and editing of a product, ranging from Trojan Headlines packages to nine weeks’ projects to longer, more complex productions such as short videos or movies. Students use a combination of studio skills and

electronic field production techniques to produce more advanced post-production editing projects. Students will be expected to produce a professional product and therefore must agree to accept the workload required and the responsibility demanded of a professional. Successful completion is measured in grades, passing of exit exams, attitude, behavior, working 3 required volunteer night or weekend productions per 9 weeks and attendance. All students are required to complete three night or weekend productions for test grades (AKA, practicums) per nine weeks.

Studio Directing Level IV: 480404

1 credit; 4th class in a series of 4
Recommended Grade Level: 11-12
Prerequisite: Successful completion of Camera

Operation/Sound Production, Performance & Scripting and Video Editing (may be enrolled in Video Editing at the same time).

At this level, students explore how to organize a Studio Production and lead a crew. Production responsibilities revolve around planning entire programs and packages. Students will be expected to make crew assignments for studio and remote productions, serve as a producer/director, and in general work in all aspects of production in order to “pull it all together.” Students will be expected to produce a professional product and therefore must agree to accept the workload required and the responsibility demanded of a professional. Successful completion is measured in grades, passing of exit exams, attitude, behavior, working 3 required volunteer night or weekend productions per 9 weeks and attendance. All students are required to complete three night or weekend productions for test grades per nine weeks.

Broadcast Technician Co-op: 480410

2 credits
Recommended Grade Level: 11-12
Prerequisite: Successful completion of Camera

Operation/Sound Production and Performance & Scripting, completed application, recommendation of TVP instruction, 2.5 GPA, and a very good attendance record. Limited number of student slots available.

This course is an advanced level III television production vocational course training students for job roles in broadcast television production transmission and video production facilities. Students learn and apply broadcast production skills in a working television production facility. Students expand their abilities in operating broadcast studio production equipment, remote location studio operation, working with multiple varieties of digital equipment, production switchers, editing suites and program formats. Students demonstrate aptitude in producing *live, live to tape*, three-camera studio and mobile studio set-ups, and complicated post-production programs. Students use advanced skills in leadership, organization, directing, producing, videotaping, editing, managing and scripting productions weekly, which air on local access, cable channels. Students produce independent projects for film/video competition. Certification in Telemedia Technology is earned with successful completion of this course.

Students are instrumental in producing all local origination programming on HCEC-TV. Production topics/content/formats include experimental, educational, informational, promotional, documentary, event capture and entertainment value.

Students are expected to work independently, responsibly and professionally at all times in a real-world working video production studio environment. Students are required to work productions after class time. Students are encouraged to participate in TSA and VICA vocational student organizations. Students are transported to the studios of Hardin County

Educational and Community Television at the Central Office Annex.

Students have many opportunities to work for pay or earn credit for field trips that explore job opportunities and production in large media markets (Los Angeles, New York, Chicago and Atlanta) on evening and weekend production assignments that occur outside of the regular school day.

**Upon successful completion Camera Operation/Sound Production, students who distinguish their production ability skills in practice, performance and theory may be accepted into this course. Acceptance requires student to participate in working production assignments after regular school hours, the recommendations of the high school television production instructor, school's counselor and an interview with the director of the program.*

VOCATIONAL EDUCATION

Tech Program (Co-op at ECTC): 1040 (1/2 day program)

Tech Program (Coop at ECTC): 1041 (Full day program)

Recommended Grade Level: 12

High school seniors who wish to pursue a technical program at Elizabethtown Community and Technical College (ECTC) may register for either partial day program at ECTC or a full day program. In order to be eligible for the full day program, students will need to have completed their core content requirements with the exception of English IV. If a student still needs World Civ, it may be possible to complete that as part of the full day program as well. This would be

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determined individually prior to the end of the school year. Following is the tentative list of programs available:

- Carpentry
- CAD
- Culinary Arts
- Engineering Technology
- Electrical Technology
- Information Technology
- Machine Tool
- Welding Technology

Students in the tech program will be required to follow the ECTC calendar of classes and will be responsible for their own transportation. If interested, sign up for the program and prior to the end of the school year, a representative from ECTC will be on site at NHHS to register students. If a program is unavailable, or the schedule will not work for a student, other course selections can be chosen.

MISCELLANEOUS

AVID I, II, III & IV: 1034, 1037, 1038, 1039

1 credit

Recommended Grade Level: 9-12

Prerequisite: Application and interview

AVID is an elective course that focuses on college readiness. The class uses various activities like, Cornell note taking, test taking strategies, tutorials, organizational tools, etc. Student application and teacher recommendation required.

Peer Tutoring: 906012

1 credit

Recommended Grade Level: 12

Prerequisite: Application Process

This course is for students who have an interest in working with students who have moderate and severe disabilities. The role of the peer tutor will be to provide academic assistance to the student with a disability and model appropriate social behavior. At all times, a certified Special Education teacher will supervise the peer tutors.

Credit Recovery: 1070

0 credits

This class is designed to assist students in recovering credits for graduation. Priority is given to seniors first, then juniors and then sophomores. This class is not recommended for freshmen. Students ability to earn credits is based on their own work within the class. The class is run through an online system called APEX Learning. Students should be able to recover a minimum of 1 full credit during each semester. Lack of progress in this class could result in removal.