



**York High School**  
**COURSE DESCRIPTIONS**  
**2025- 2026**

**YHS Counseling Center**

# York High School - Graduation Requirements



Department	Required Credits	Courses	Total
English	45 Credits	English 9 English 10 Speech English 11 Senior English Senior Lit	_____ _____ _____ _____ _____ _____
Math	30 Credits	Year 1 Year 2 Year 3 Year 4 (recommended)	_____ _____ _____ _____
Science	30 Credits	Physical Science Biology Chemistry	_____ _____ _____
Social Studies	30 Credits	World History-Geography American History Political Science Economics	_____ _____ _____ _____
Physical Education	20 Credits	Freshman PE & Health Skill Class Strength Class	_____ _____ _____
Fine Arts	5 Credits	Art, Drama, Band, Choir	_____
Practical Arts	10 Credits	Personal Finance Computing Fundamentals (2028+)	_____ _____
Foreign Language	0 Credits	Spanish I, II, III, IV	_____
Electives	75 Credits		_____
Total	245 Credits		_____

# YORK HIGH SCHOOL COURSES

## 2025-2026

### ENGLISH

English 9	1005 A/B	Senior English College Sr. English (SCC)	1305 1306
English 10	1100 A/B	Appreciation of Literature College Novel (SCC)	1406 1401
English 11	1301 A/B	ACT Prep	8800 A/B
Speech	1200	Holocaust Lit	1319
College Speech	1210	Journalism / Yearbook	1420 A/B

### MATH

Algebra I	3010 A/B	Algebra 3015 Algebra 3020	3015 3020
Geometry	3200 A/B	Geometry Concepts	3100 A/B
Algebra II	3300 A/B	Algebra II Concepts	3350 A/B
Trigonometry	3405	Tech Math College Tech Math (SCC)	3450 A/B 1020
Pre-Calculus	3420	Math Essentials I Math Essentials II Math Essentials III Math Essentials IV	3110 3111 3112 3113
Adv. Algebra & Trigonometry College Algebra & Trigonometry (SCC)	3401 A/B 3400 A/B	ACT Prep	8800 A/B
Calculus College Calculus (SCC)	3410 A/B 3411 A/B	Statistics	3402

### SCIENCE

Physical Science	4005A/B	Life Science	4000A/B
Biology	4100A/B	Advanced Biology College Biology (Peru)	4405A/B 4450A/B
Chemistry	4300A/B	Conceptual Chemistry	4315A/B
Advanced Chemistry College Chemistry (SCC)	4410A/B 4411A/B	Physics	4400A/B
Anatomy & Physiology	4500A/B	*Hospital Internship	5660

## SOCIAL STUDIES

World History - Geography	2100A/B	American History	2300A/B
Economics Econ Foundations	2420 2421	Street Law	2600
Political Science Political Science Foundations	2415 0400A	Modern Issues	2700A /2700B
College Political Science (SCC)	2416		
College Psychology (SCC, Online)	2306	Life-span Human Development (SCC, Online)	2307
CA: Intro to Criminal Justice (SCC, Online)	9400	CA: Police & Society (SCC, Online)	9415
CA: Juvenile Justice (SCC, Online)	9404	CA: Courts & Judicial Process (SCC, Online)	9410

## PHYSICAL EDUCATION

Freshman PE & Health	7000A/B	Athletic Training / Sports Injury	7100
Lifetime Fitness	7206	Strength & Conditioning (fitness)	7207A/B
Individual Skills	7209	Team Skills	7208
Swimming Fitness	7205	Leadership	6500

## FOREIGN LANGUAGE

Spanish I	8000A/B	Spanish II	8100A/B
Spanish III	8300A/B	Spanish IV	8400A/B

## FINE ARTS

Band	9120A/B	Art Intro	9000
Concert Choir	9302A/B	Art Exploration	9105A/B
Chamber Singers	9303A/B	Graphic Design	9100
Dukes & Duchesses	9315A/B	Independent Art	9005
American Music	9125	Intro to Theatre (Peru)	9114
Music Appreciation	9127	Intro to Theatre (HS)	9113

## EDUCATION ACADEMY

Teaching Profession (Wayne)	5800	Peer	9500
Best Practices in Education (Wayne)	5801	YPS Para Program	5215
Field Experience in Education & Training (Wayne)	5802		

## HEALTH ACADEMY

CA: Basic Med Terms (SCC, Online)	5601	CA: Comprehensive Med Terms (SCC)	5600B
CA: Basic Nutrition (SCC, Online)	5655	CA: Basic Nursing Assisting (BNA) (SCC)	5650B

## AG SCIENCE, HORTICULTURE, & MANUFACTURING

Animal Science	6060	Beginning Woods	6011
Advanced Animal Science	6120	Structural Systems	6100
Natural Resources & Wildlife	6040	Welding I	6065
AG Leadership	1108 A/B	Welding II	6320
AG Business Portfolio	6243 A/B	Intro to Horticulture	HORT 1130/ 6045A
Live Animal Sel & Carcass Eval	AGRI 1257/5950	Horticulture	6045 B
Intro to Meats	AGRI 1258	Agriculture Occupation Explore	ARGI 1123
<b><u>FUNDAMENTALS OF AG CERT:</u></b>		<b><u>WELDING TECHNOLOGY CERT:</u></b>	
Fundamentals of AG Marketing	ARGI 1211	SMAW I (ARC)	WELD 1101
Crop & Food Science	ARGI 1131	SMAW II	WELD 1109
Intro to Livestock Production	ARGI 1126	GMAW I (MIG)	WELD 1123
Companion Animals	ARGI 1177/ 5945	Oxy-Fuel Plasma	WELD 1107

## BUSINESS

Personal Finance	5315		
Accounting I	5300A/B	Accounting II	5400A/B
CA: Principles of Management (SCC)	5700B / 5415 (YHS)	CA: Intro to Business (SCC)	5710A / 5711A(YHS)
CA: Entrepreneurship (SCC)	5700A / 5701 (YHS)	CA: Marketing (SCC)	5306B / 5305(YHS)

### COMPUTER TECHNOLOGY

Computing Fundamentals	5125	Advanced Computing	5126
Media Productions	5111 A/B	Computer Science Principles	5131

### JOBS FOR AMERICA'S GRADUATES

J.A.G. I	8700	J.A.G. II	8701
J.A.G. III	8702	J.A.G. IV	8703

### EL Program

EL English I EL English II	8030 A/B 8031 A/B	EL Physical Science EL Life Science	8020 A/B 8021 A/B
EL English III EL English IV	8032 A/B 8033 A/B	EL American History EL World History & Geography	8025 A/B 8026 A/B

### Special Education Tier III & IV

<u>English</u>		<u>Science</u>	
English 9 Essentials English 10 Essentials English 11 Essentials Sr. English Essentials AOL Essentials Speech Essentials	1431 A/B 1432 A/B 1433 A/B 1434 A/B 1435 A/B 1437 A/B	Physical Science Essentials Life Science Essentials Conceptual Chemistry Essentials	4007 A/B 4001 A/B 4316 A/B
Basic English I Basic English II Basic English III Basic English IV Basic Speech	0501 A/B 0502 A/B 0503 A/B 0504 A/B 0508 A/B	Basic Science I Basic Science II Basic Science III Basic Science IV	0810 A/B 0811 A/B 0812 A/B 0813 A/B
<u>Math</u>		<u>Social Studies</u>	
Math Essentials I Math Essentials II Math Essentials III Math Essentials IV	3110 A/B 3111 A/B 3112 A/B 3113 A/B	WHG Essentials American History Essentials Political Science Essentials Economics Essentials	2102 A/B 2302 A/B 2418 A/B 2433 A/B
Basic Math I Basic Math II Basic Math III Basic Math IV	0801 A/B 0802 A/B 0803 A/B 0804 A/B	Basic Social Studies I Basic Social Studies II Basic Social Studies III Basic Social Studies IV	0815 A/B 0816 A/B 0817 A/B 0818 A/B
Essential Study Skills (2.5)	9700 A/B	York Vocational Program Project Search Crave - Milford	0700 A/B 0430 A/B 0750 A/B
Basic Study Skills Basic Life Skills	9550 A/B 0420 A/B		

## OTHER

Study Hall Sr. Study Hall	9600 9610	Education Work Study (Unpaid, 2.5 credits)	5211
Access (2.5 Credits)	9850 A/B	Work Study (120 hrs = 5 credits)	5210A/B
Edgenuity	9992	Independent Study/College Course	9998
Enrichment Center	9990A/B	Transcript Transfer	9990

# English Department

## English 9.....1005A/B

PREREQUISITE: None

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** Students will read and analyze various genres of literature, including but not limited to: *The Tragedy of Romeo and Juliet*, *To Kill A Mockingbird*, various short stories, and various poetry. Students will read, comprehend, and analyze literature through writing of various forms among other activities. In addition to literature, students will compose multiple essays, including a 3-5 page research paper, a personal narrative, and a persuasive essay. English usage and conventions will be reviewed and used in the correct manner.

## English 9 Essentials.....1431 A/B

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This course is designed to support students in developing foundational skills in reading, writing, and language usage. Students will explore selected literature, including simplified excerpts from *The Tragedy of Romeo and Juliet*, *To Kill a Mockingbird*, *Animal Farm*, short stories, and poetry. Instruction will focus on improving reading comprehension, identifying key themes, and basic literary analysis through modified assignments. Writing tasks will be tailored to individual needs and include shorter, structured compositions such as personal reflections and opinion paragraphs. Students will also work on enhancing their understanding of English grammar, usage, and conventions in a practical context. The course is modified for success, and students will be assessed on a pass/fail basis, emphasizing effort, participation, and progress.

## **English 10.....1100 A/B**

PREREQUISITE: English 9

1 YEAR / 5 CREDITS PER SEMESTER

### **COURSE DESCRIPTION:**

Students will read and analyze various genres of literature, including but not limited to: a Shakespearean play, various short stories, two novels, and various poetry while also including nonfiction selections as well. Students will read, comprehend, and analyze literature through writing of various forms among other activities. In addition to literature, students will compose multiple essays, including a 4-6 page research paper. English usage and conventions will be reviewed and used in the correct manner.

## **English 10 Essentials.....1432 A/B**

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This modified pass/fail course supports lower-functioning students in developing essential literacy skills. Students will engage with various literary genres, including short stories, novel excerpts, basic poetry, and nonfiction texts. The focus will be on building reading comprehension, critical thinking, and basic writing skills. Writing assignments will be shorter and focused on personal reflections, summaries, and structured paragraphs. Grammar and usage will be introduced at a foundational level to enhance understanding of written and spoken English. Instead of a research paper, students will complete guided projects that reinforce key skills. The course emphasizes practical application and personal growth, ensuring all students can progress at their own pace.

## **English 11.....1301**

PREREQUISITE: English 10

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** Students will read and analyze various genres of literature, including but not limited to the following: *The Crucible*, *The Great Gatsby*, poetry, short stories, and nonfiction. Students will draw their own conclusions about the various works, and defend those conclusions with textual evidence and thoughtful commentary. Students will continue to learn the writing process. The course covers basic writing skills of usage, vocabulary, and conventions while covering multiple genres of writing. Students will write paragraphs, short essays, and longer essays as a way to cover genres such as: narrative, expository, persuasive, and reflective. A research paper covering 4-6 pages will be an argumentative essay.



## **English 11 Essentials.....1433 A/B**

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This course provides students with foundational reading, writing, and critical thinking skills through a simplified approach to literature and writing. Students will explore a variety of texts, including *The Crucible*, *The Great Gatsby*, poetry, short stories, and selected nonfiction works. Emphasis will be placed on comprehension, discussion, and drawing basic conclusions from the texts. Writing assignments will focus on clear communication, basic sentence structure, and paragraph development, allowing students to practice narrative, expository, and reflective writing in short forms. Vocabulary and grammar will be integrated into daily activities to support writing and reading skills. Students will engage in simplified research activities, culminating in a short, guided essay rather than a formal research paper.

## **Senior English.....1305**

PREREQUISITE: English 11

1 SEM / 5 CREDITS

**COURSE DESCRIPTION:** This class will build off of the writing skills students learned in Junior Composition. Students will write using a variety of modes, including research papers, resumes, cover letters, opinion pieces, and personal narratives. Students will also use multimedia components to complete projects pertaining to their writing. Multiple writing formats will be applied.

## **Senior English Essentials.....1434 A/B**

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This course reinforces and develops essential writing skills in a supportive environment. Students will engage in practical writing tasks such as creating personal narratives, opinion pieces, and simple research projects. Emphasis will be placed on real-world writing formats, including resumes and cover letters. Multimedia elements may be introduced to enhance projects, allowing students to express their ideas creatively. The course accommodates individual learning needs, focusing on progress and participation rather than formal assessments.

## **College Senior English.....1306**

PREREQUISITE: English 11, B average

1 SEM / 5 CREDITS YHS

ENGL 1010 / 3 CREDITS SCC

**COURSE DESCRIPTION:** This is a dual-credit course that fulfills the Senior English graduation requirement and provides 3 college credit hours in English Composition through Southeast Community College. The class will build off of the writing skills students learned in Junior Composition and provide them with the writing, thinking, analytical, and rhetorical skills needed to be successful to write papers and research projects assigned in their college English classes as well as other curriculum areas. Students will exit from the class with a variety of topics and projects they may use as resources for their college writing experiences.

**COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

## **Appreciation of Literature (AOL).....1406**

PREREQUISITE: English 11

1 SEM / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:**

Appreciation of Literature is a senior British literature course. This class introduces students to the evolution of literature throughout each specific British time period. Verbal and written analysis of all types of literature is the focus for this course.

## **Appreciation of Literature Essentials.....1435 A/B**

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This is a modified British literature course designed for senior students. This class focuses on providing a foundational understanding of British literature by exploring key works from various historical periods. The course emphasizes guided reading, discussion, and simplified literature analysis to help students connect with the material. Assessments are based on participation, comprehension, and engagement, with a pass/fail grading system to support diverse learning needs.

## **College Novel.....1401**

PREREQUISITE: College Senior English

1 SEM / 5 CREDITS YHS

ENGL 2100 / 3 CREDITS SCC

**COURSE DESCRIPTION:** This is a dual-credit course that fulfills the Literature graduation requirement and provides 3 college credits in Introduction to Literature through Southeast Community College. The class is intended to improve reading, critical thinking, writing, and verbal skills that will prepare students for the rigor and pace of reading literature and other materials at the college level. Students are challenged to analyze the readings while making societal and personal connections.

**COLLEGE COURSE FEES:**

SCC	\$129.15
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Materials Fee	35.00
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TOTAL	\$164.15
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## **Introduction to Speech.....1200**

PREREQUISITE: Sophomore or Junior standing

1 SEM / 5 CREDITS

**COURSE DESCRIPTION:** This is a preliminary exposure to public speaking and making students feel comfortable talking in front of small groups. Students are required to give one speech per week. These presentations will increase in time and difficulty throughout the semester. An MLA outline is required with each speech presentation.

## **Speech Essentials.....1437 A/B**

PREREQUISITE: Tier III

1 YEAR / 5 CREDITS PER SEMESTER

**COURSE DESCRIPTION:** This course offers an introductory experience in public speaking, designed to help students build confidence in speaking before small groups. The focus is on fostering a supportive environment where students can practice communication skills independently. Students will deliver short, informal presentations, with a gradual increase in length and complexity over the semester. Assignments will be adjusted to individual student needs, and support will be provided to ensure success. MLA outlines will be simplified to match student abilities, focusing on structure and clarity. Assessment will be based on participation, effort, and progress.

## **College Speech.....1210**

PREREQUISITE: Intro to Speech, JR/SR standing

1 SEM / 5 CREDITS YHS

SPCH 152 / 3 CREDITS PERU

### **COURSE DESCRIPTION:**

This is a dual-credit course for high school elective credit and 3 college credits in Speech through Peru State College. In addition to writing and delivering speeches, the students will explore various aspects of interpersonal communication as well as group and team roles/dynamics. Students also learn about and practice effective listening strategies. Unit tests are required through the textbook.

### **COLLEGE COURSE FEES:**

Peru State College	\$180.00
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Materials	Fee	35.00
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TOTAL	\$215.00
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## **Holocaust Literature.....1319**

PREREQUISITE: 10-12 grade

1 SEM / 5 CREDITS YHS

**COURSE DESCRIPTION:** In this course, you will explore the Holocaust from the overlapping perspectives of literature and history—through memoirs, historical documents, poetry, documentary footage, film, and novels. You will expand your knowledge of the literature of the Holocaust, Eastern and Western European Jewish communities, the origins and development of antisemitism, the establishment of labor and extermination camps, resistance movements, and the Holocaust as a problem for world history.

## **JOURNALISM / YEARBOOK.....1420A/B**

PREREQUISITE: SO/JR/SR in good standing

1 YEAR / 5 CREDITS PER SEMESTER (May be taken multiple semesters)

### **COURSE DESCRIPTION:**

Students in this course will produce the school's yearbook and a monthly publication, gaining hands-on experience in writing, editing, photography, design, and media production. Emphasis is placed on teamwork, meeting deadlines, and developing strong communication skills in a real-world setting.

## **ACT Prep.....8800 A/B**

1 SEMESTER / 5 CREDITS

COURSE DESCRIPTIONS: This ACT prep course is designed to help high school students improve their performance on the English, Reading, and Math sections of the ACT exam. Through focused lessons and practice, students will strengthen their skills in grammar, punctuation, reading comprehension, algebra, and geometry. The course will also cover essential test-taking strategies, such as time management, question prioritization, and techniques for eliminating incorrect answers. By the end of the course, students will feel more confident and prepared to tackle the ACT with improved accuracy and speed.

# **Math Department**

## **MATH ESSENTIALS I - IV.....3110-3113**

PREREQUISITE: Teacher / Counselor Recommendation

1 SEM / 5 CREDITS

COURSE DESCRIPTION: The course provides students instruction in the basic elements of mathematics and provides a baseline experience for future math classes.

## **ALGEBRA 3015/3020.....3015A/B & 3020A/B**

PREREQUISITE: Recommendation of Previous Instructor

2 YEARS / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This is a two-year sequential course designed to extend the student's mathematical knowledge from arithmetic to formal mathematics. Skills in algebra are developed and supported by extensive practice, problem solving, and applications of algebra to the real world. Recommended for students who may need more time to fully comprehend the topics covered in traditional Algebra.

## **ALGEBRA I.....3010A/B**

PREREQUISITE: Pre-algebra or its equivalent

1 YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This is a one year course designed to begin the extension of the student's mathematical knowledge from arithmetic to formal mathematics. Algebra is the study of the set of real numbers and the operations performed on the members of the set. Skills in algebra are developed and supported by extensive practice, problem solving, and applications of algebra in the real world.

## **GEOMETRY CONCEPTS.....3100A/B**

PREREQUISITE: Algebra 3015/3020

1 YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Geometry Concepts was designed to follow in the Algebra 3015/3020 sequence. The course was created to help students discover, learn, and apply geometry without focusing on the study of formal proofs. Students will be challenged to make connections from concrete examples to abstract concepts while comprehending the practical value of geometry. The pace of the course is determined by the student's abilities.

## **GEOMETRY.....3200A/B**

PREREQUISITE: Algebra 3010A/B

1 YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Geometry introduces the study of points, segments, triangles, polygons, circles, solid figures, and their associated relationships as a mathematical system. Emphasis is placed on the description and use of inductive, deductive, and intuitive reasoning skills. Powers of abstract reasoning, spatial visualization and logical reasoning patterns are improved through this course. Points, segments, triangles, polygons, circles, and solid figures are the structures studied. The focus is on comparisons between these figures concerning surface areas, volumes, congruency, similarity, transformations, and coordinate Geometry.

## **ALGEBRA II CONCEPTS.....3350A/B**

PREREQUISITE: Geometry or Geometry Concepts

1 YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This course contains the same basic topics as Algebra II, but moves at a slightly slower pace. This course is a natural progression from Geometry Concepts and is a continuation of skills developed in Algebra I.

## **ALGEBRA II.....3300A/B**

PREREQUISITE: Geometry

1 YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Students will develop proficiency with mathematical skills, expand understanding of mathematical concepts, and improve logical thinking and problem solving abilities. A progression occurs from the sets of numbers of elementary algebra to a more abstract understanding of the real and complex number systems. Understanding and skills are developed about mathematical inequalities, functions, systems of equations, equations of second degree, sequences and series. As students learn to solve more complicated mathematical sentences, they can solve more realistic applied problems.

## **STATISTICS.....3402**

PREREQUISITE: Algebra II  
1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course may be taken alongside Pre-Calculus, College Algebra, Trigonometry, or Calculus. Topics covered include the study of how data is gathered, ways to organize and display data, probability, and expected values.

## **TRIGONOMETRY.....3405**

PREREQUISITE: Algebra II  
1 SEM / 5 CREDITS

COURSE DESCRIPTION: Trigonometry is recommended for all students who intend to pursue a career in mathematics, science, medicine, or a related field. Trigonometry is a prerequisite to any study of complex numbers, vectors, analytic geometry or calculus.

## **PRE-CALCULUS.....3420**

PREREQUISITE: Trigonometry  
1 SEM / 5 CREDITS

COURSE DESCRIPTION: Pre-Calculus involves the study of sequences, series, logarithms, and functions. Special emphasis is given to the meaning of functions and their graphs. This course is a prerequisite to any study of calculus and is recommended for all students pursuing a career in mathematics, science, medicine, or a related field.

## **COLLEGE ALGEBRA.....3400A/B**

PREREQUISITE: B or better in Algebra II  
\*Juniors must take concurrent with Trigonometry  
1 YEAR / 5 CREDITS PER SEMESTER  
MATH 1150 / 3 CREDITS PER YEAR SCC

COURSE DESCRIPTION: This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

## **COLLEGE CALCULUS.....3410A/B, 3411A/B**

PREREQUISITE: B or better in Pre-Calculus or qualifying Accuplacer score

1 YEAR / 5 CREDITS PER SEMESTER

MATH 2080 / 5 CREDITS PER YEAR, SCC

COURSE DESCRIPTION: The objective of this class is to educate the student in the nature of mathematics as a logical system to present a unified treatment of the basic ideas of algebra, trigonometry, analytic geometry and calculus. Contents include: functions, limits, and continuity; topics from plane analytic geometry; differentiation of polynomial functions, trigonometric functions, and applications of the definite integral.

### **COLLEGE COURSE FEES:**

SCC	\$215.25
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$250.25

## **College TECH MATH.....1020**

HS: **3450**

PREREQUISITE: Geometry, Jr/Sr

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course provides the practical mathematics skills needed in a wide variety of trade, technical, and other occupational areas, including plumbing, automotive, electrical and construction trades, machine technology, landscaping, HVAC, and allied health. Tech Math uses a practical approach that emphasizes careful, complete explanations and actual on-the-job applications.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

## **ACT Prep.....8800 A/B**

This ACT prep course is designed to help high school students improve their performance on the English and Math sections of the ACT exam. Through focused lessons and practice, students will strengthen their skills in grammar, punctuation, reading comprehension, algebra, and geometry. The course will also cover essential test-taking strategies, such as time management, question prioritization, and techniques for eliminating incorrect answers. By the end of the course, students will feel more confident and prepared to tackle the ACT with improved accuracy and speed.



# SCIENCE DEPARTMENT

## **PHYSICAL SCIENCE.....4005A/B**

PREREQUISITE: NONE

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Physical Science is divided into two semesters, chemistry and physics. The introductory unit covers fundamental concepts which are applied throughout the course.

Major goals addressed by Physical Science are:

1. To increase student understanding of physical science concepts
2. To increase scientific literacy with emphasis on science, technology, and society
3. To increase student interest in science

## **BIOLOGY..... 4100A/B**

PREREQUISITE: PHYSICAL SCIENCE

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: General Biology is designed to give students basic knowledge in the areas of cytology (study of cells), microbiology, human biology, genetics, and ecology.

Investigative laboratory procedures will be employed to stimulate student interest and to help in the understanding of basic biological concepts.

## **LIFE SCIENCE..... 4000A/B**

PREREQUISITE: SCIENCE DEPARTMENT RECOMMENDATION

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Life Science is intended to meet the needs of students who require the basic skills in the area of biology. The course is a self-paced program involving 18 units corresponding with the topics in the General Biology course.

## **CHEMISTRY..... 4300A/B**

PREREQUISITE: BIOLOGY, ALGEBRA I. (Completion of Geometry or enrollment in

FULL YEAR / 5 CREDITS PER YEAR Algebra II is recommended.)

COURSE DESCRIPTION: This course is a general inorganic chemistry course designed to meet the needs of students who wish to take a more rigorous approach to Chemistry and/or are planning a career in Chemistry, Physics, Engineering, Biological Science, or other science related fields. A variety of laboratory activities are employed to provide students the opportunity to develop an understanding of stoichiometry, reaction rates, equilibrium, energy and other concepts.

\*May be taken concurrent with Physics

## **CONCEPTUAL CHEMISTRY.....4315A/B**

PREREQUISITE: SCIENCE DEPARTMENT RECOMMENDATION

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This course is a general inorganic chemistry course designed to meet the needs of students who will not be pursuing a career in science or a science related field. This course will explore the theoretical and practical aspects of inorganic chemistry.

## **PHYSICS.....4400A/B**

PREREQUISITE: CHEMISTRY, CONCURRENT ENROLLMENT IN/OR COMPLETION OF PRE-CALCULUS AND TRIGONOMETRY, JR/SR

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Physics involves the study of motion, forces, the law of motion, work, energy, momentum, gravity, vectors, thermodynamics, waves, light, electricity and magnetism. Physics offers students an opportunity to carry out numerous laboratory activities using the PASCOTM computer interface system. A great deal of time is spent on mathematical solutions to problems involving motion, force, etc. Physics is a prerequisite to any future study of medicine, engineering, or a related field.

## **ADVANCED CHEMISTRY/**

## **COLLEGE CHEMISTRY.....4410A/B / 4411A/B**

PREREQUISITE: B or better in CHEMISTRY and ALGEBRA II (or qualifying Accuplacer Score, 23+ ACT Math (Completion or enrollment in Pre-Calculus and Trigonometry is recommended.), JR/SR

FULL YEAR / 5 CREDITS PER SEMESTER

CHEM 1090 / 4 CREDITS SCC

COURSE DESCRIPTION: This course covers material typical of a first year college inorganic chemistry class. It consists of a solid comprehensive review of first year chemistry topics, many in depth laboratory experiences including a semester of qualitative analysis labs, and a thorough presentation on quantum mechanics, equilibrium, thermo-chemistry, chemical kinetics, and molecular bonding orbitals and geometric shapes.

COLLEGE COURSE FEES:

SCC	\$172.20
<u>Materials Fee</u>	<u>50.00</u>
TOTAL	\$222.20

## **ANATOMY & PHYSIOLOGY.....4500 A/B**

PREREQUISITE: CHEMISTRY, B or higher in Biology, SENIORS ONLY

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Anatomy/Physiology is a college prep course that covers all of the organ systems of the body. This class includes the opportunity to shadow in the medical profession through a partnership with York General Hospital. Students will participate in dissections and learning opportunities outside of the classroom in order to prepare them for a career in the medical field.

**\*HOSPITAL INTERNSHIP.....5660**

## **ADVANCED BIOLOGY /**

## **COLLEGE BIOLOGY.....4405A/B / 4450A/B**

PREREQUISITE: CHEMISTRY, JR/SR, B or higher in Science

FULL YEAR / 5 CREDITS PER SEMESTER

BIOL 130 / 4 CREDITS PERU

COURSE DESCRIPTION: Advanced Biology is specifically designed to prepare students for college level work in the life sciences. The first semester fields of study include cytology, botany, and genetics. The second semester includes human anatomy and physiology. Investigative laboratory procedures and animal dissection will be used to enhance the understanding of basic concepts. College Biology is offered as a dual-credit course for 4 college credits in Biology through Peru State College. The course will meet the general education requirement for Biology at most Nebraska colleges.

COLLEGE COURSE FEES:

Peru State College	\$240.00
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Materials Fee	35.00
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TOTAL	\$275.00
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# **Social Studies Department**

## **AMERICAN HISTORY -**

## **GEOGRAPHY.....2100A/B**

PREREQUISITE: None

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: World History - Geography (1500-Post World War Europe) focuses on the major themes and events in world history and geography beginning around 1500 and lasting through post World War Europe. Major topics include the Renaissance and Reformation, the Commercial Revolution and Age of Exploration, the French Revolution and Napoleon, Industrialization and Urbanization, as well as Imperialism and the World Wars.

## **AMERICAN HISTORY.....2300A/B**

PREREQUISITE: World History & Geography, Sophomore/Junior

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: American History places emphasis on the most recent 120 years of American History. Following an introductory unit over early history of the United States, an in-depth study of the late 19th & 20th centuries will occur. First semester covers the introductory unit through the Great Depression of the 1930's; and the second semester begins with World War II and covers many recent events.

## **POLITICAL SCIENCE /**

## **COLLEGE POLITICAL SCIENCE.....2415 / 2416**

PREREQUISITE: American History, Junior / Senior, "B" average for dual credit option

1 SEM / 5 CREDITS YHS

POLS 1000 / 3 CREDITS SCC

COURSE DESCRIPTION: Political Science is designed to help the student to understand the structure and function of our political system, with emphasis on the national government. A study is made of the United States Constitution, the Legislative, Executive, and Judicial branches of government at the national level, civil rights, political processes (parties, voting, & elections), Nebraska state government, and York city government. This course meets the general education requirement for American Government at most Nebraska colleges.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

## **MICRO/MACRO ECONOMICS.....2420**

PREREQUISITE: American History, Senior

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Economics is designed to help the student to understand the structure and functioning of our modified market economy, to understand economic rights and our economic responsibilities, and to improve our ability to be analytical and to solve economic problems.

## **STREET LAW.....2600**

PREREQUISITE: JUNIOR / SENIOR

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Street Law will assist students in gaining a practical understanding of the law and the legal system. Students will focus on legal issues relevant to their lives that will help them develop the knowledge and skills essential to living in our law-related society.

## **MODERN ISSUES.....2700A/B**

PREREQUISITE: Sophomore, Junior, Senior

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Modern Issues is a study of historical events from 1945 to the present (including propaganda techniques, logical fallacies, problem solving methods, and value analysis) and a flexible content area based in part on current American problems and issues including civil rights, poverty, economics, population, pollution, foreign policy, crime, national security, healthcare, education, etc. In addition to exposing students to proper forms of research, argumentation, and objective analysis, the course will ask students to understand many of the facts, opinions, and controversies that describe the current status of problems facing the United States. Students will also examine various historical origins and philosophies that have contributed to current issues facing the United States and propose possible desired goals and prospective steps to solve issues facing the United States, and propose possible desired goals and prospective steps to solve issues facing the United States.

## **COLLEGE PSYCHOLOGY**

**(online).....2306**

PREREQUISITE: Junior / Senior, "B" average for dual credit option

1 SEM / 5 CREDITS YHS

PSYC 1810 / 3 CREDITS SCC

COURSE DESCRIPTION: An introduction to Psychology. General topics include: The history of psychology, psychological research methods, cognitive processes, memory and thought, theories of personality, and psychological disorders. This course meets the general education requirement for Psychology at most Nebraska colleges.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$164.15
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+textbook purchase

## **Life-Span Human Development (online).....2307**

PREREQUISITE: Junior / Senior, College Psychology

1 SEMESTER / 5 CREDITS YHS

PSYC 2960 / 3 CREDITS SCC

COURSE DESCRIPTION: Integration of the basic concepts and principles of physical, cognitive and psychosocial development at each major stage of life. Provides an essential background for students in psychology, nursing, education, social welfare and home economics; for workers in community service; and for parents and prospective parents.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15
+textbook purchase	

## CA: INTRODUCTION TO CRIMINAL JUSTICE

**(online).....9400**

PREREQUISITE: Junior / Senior

1 SEMESTER / 5 CREDITS YHS

CRIM 1010 / 3 CREDITS SCC

COURSE DESCRIPTION: Provides an overview of the history, development and philosophies of the criminal justice system within America. Areas covered include crime and the criminal justice system, the police, the courts, corrections, and the juvenile justice system.

COLLEGE COURSE FEES:

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15
+textbook purchase	

## CA: COURTS & THE JUDICIAL PROCESS

**(online).....9410**

PREREQUISITE: Junior / Senior

1 SEMESTER / 5 CREDITS YHS

CRIM 1030 / 3 CREDITS SCC

COURSE DESCRIPTION: Surveys the United States judicial system. Topics include, but are not limited to, legal and constitutional concepts, institutions and processes. Coverage includes adult and civil courts.

COLLEGE COURSE FEES:

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15
+textbook purchase	

## **CA: JUVENILE JUSTICE (online) .....9404**

PREREQUISITE: Junior / Senior

1 SEMESTER / 5 CREDITS YHS

CRIM 2100 / 3 CREDITS SCC

COURSE DESCRIPTION: Examines the origins, philosophy, and objectives of the juvenile justice system. Topics include, but are not limited to causation of crime (i.e. race/gender, socioeconomic relevance, victimization), the juvenile court system, the law enforcement approach, corrections, and prevention.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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Materials Fee	35.00
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TOTAL	\$164.15
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+textbook purchase

## **CA: POLICE & SOCIETY (online).....9415**

PREREQUISITE: Junior / Senior

1 SEMESTER / 5 CREDITS YHS

CRIM 2030 / 3 CREDITS SCC

COURSE DESCRIPTION: Examines the role of the police in relationship to law enforcement and American society. Topics include, but are not limited to the role and function of police, the nature of police organizations and police work, and the patterns of police-community relations.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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Materials Fee	35.00
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TOTAL	\$164.15
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+textbook purchase

# **Physical Education Department**

## **FRESHMAN P.E. & HEALTH.....7000A/B**

PREREQUISITE: None

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This course is designed to improve your fitness level, while participating in a variety of activities which are fitness-related, skill-related, and health-related. Students will alternate days between activity and classroom.

## **STRENGTH & CONDITIONING.....7207**

PREREQUISITE: None

1 SEM / 5 CREDITS - MAY BE TAKEN MULTIPLE TIMES

COURSE DESCRIPTION: The purpose of this class is to improve a student's level of physical fitness with emphasis on muscular strength, endurance, and power. Students will gain knowledge of proper technique when performing lifts, identifying the major muscle groups used and maintaining a daily record of their progress.

## **LIFETIME FITNESS.....7206**

PREREQUISITE: Freshman P.E. & Health or Teacher recommendation

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course is designed to improve your fitness level for a lifetime. Students will have the opportunity to improve cardiovascular fitness, muscle fitness, flexibility, and control body fat. Activities include walking, aerobics, jumping rope, pilates, jogging and core building.

## **INDIVIDUAL SKILLS.....7209**

PREREQUISITE: Freshman P.E. & Health or Teacher recommendation

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This class is designed to improve your fitness level and involve the students in various individual and dual lifetime activities. Activities included are: tennis, golf, self-defense, badminton, archery, dance, and recreational games.

## **TEAM SKILLS.....7208**

PREREQUISITE: Freshman P.E. & Health or Teacher recommendation

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course will focus on participating in a variety of team activities, as well as continuing to improve fitness levels. Activities included are: soccer, football, softball, volleyball, basketball, and mass games.

## **ATHLETIC TRAINING / INJURY PREVENTION.....7100**

PREREQUISITE: Freshman P.E. & Health

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course will focus on basic anatomy structures of the human muscular and skeletal systems with an emphasis on common sports injuries. The class is intended to prepare the student to become aware of where injuries take place, how we can prevent them from happening, and procedures that an athletic trainer would perform such as taping and rehabilitation.



## **SWIMMING / FITNESS.....7205**

PREREQUISITE: PE 9

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This lifeguarding course is to provide entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide professional-level care for breaking and cardiac emergencies, injuries and sudden illnesses until emergency medical services take over. Participants will have to be able to pass a pre-requisite test of swimming a 300M, treading water for 2 minutes with no hands and dive for a 10lb brick in 10ft of water. This class will take place at both York High School and York Community Center. The book, CPR mask, and cost of the certification will be covered by York Parks & Recreation. At the end of this class and **after passing both the written and the water tests, the class participants will be fully lifeguard/CPR/AED/first aid certified with American Red Cross.**

## **Leadership.....6500**

PREREQUISITE: None

1 SEM / 5 CREDITS YHS

COURSE DESCRIPTION: Students will develop strategies to help them become better leaders on a team or as a part of any organization. Topics such as influence, trust, character, integrity, culture, and many others will be discussed.

# **Foreign Language Department**

## **SPANISH I.....8000A/B**

PREREQUISITE: NONE

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: This course provides the student with simple conversational skills and a basic understanding of simple grammatical structures. Listening and speaking skills are stressed, with limited reading and writing. Cultural elements are integrated throughout the course.

## **SPANISH II.....8100A/B**

PREREQUISITE: SPANISH I

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Spanish II includes a review and reinforcement of basic conversational and grammatical skills introduced in Spanish I. Added emphasis is placed on writing and reading comprehension. More advanced grammar is introduced throughout the year.

## **SPANISH III.....8300A/B**

PREREQUISITE: SPANISH II OR PERMISSION OF SPANISH DEPARTMENT

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Spanish III is designed to broaden the student's cultural awareness of the Spanish language through the combined skills of listening, speaking, reading, and writing. The focus is on more advanced work in grammar and reading of simple Spanish stories in the language. Creative writing and individual work in areas of the student's interest is encouraged.

## **SPANISH IV.....8400A/B**

PREREQUISITE: SPANISH III OR PERMISSION OF SPANISH DEPARTMENT

COURSE DESCRIPTION: Spanish IV seeks to further develop the skills of speaking and listening while placing more emphasis on reading and writing. The study of Spanish culture and advanced grammar will predominate.

# **Fine Arts Department**

## **INTRODUCTION TO ART.....9000**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: The objective of this course is to introduce students to the many areas of high school art. All students will experience success in working in the following areas: lettering, color, painting, block printing, basic drawing, perspective drawing, pottery, and others.

\$8.00 Course Fee

## **ART EXPLORATION.....9105A/B**

PREREQUISITE: Introduction to Art

1 SEM / 5 CREDITS, 2 SEM / 5 CREDITS EACH

COURSE DESCRIPTION: This course is designed to continue building on the areas covered in Art Introduction. Additional media include water color, glass, and other materials and techniques.

\$10.00 Course Fee

## **GRAPHIC DESIGN.....9100**

PREREQUISITE: Art Introduction

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course focuses on the commercial aspect of visuals used in the world today. Students will be introduced to the many and varied graphic arts, computer generated design, layout, advertising, computer enhancement and editing.

## **INDEPENDENT ART.....9005**

PREREQUISITE: Art intro, Art Exploration, Graphic Design, JR / SR, Instructor permission

COURSE DESCRIPTION: This course is an opportunity to specialize in the art study of your choice with an agreed upon contract with the instructor. Participation in a final art show is required.

\$10.00 Course Fee

## **VARSITY BAND.....9120A/B**

PREREQUISITE: Prior music training and/or director permission

2 SEM / 5 CREDITS EACH

COURSE DESCRIPTION: Members of the High School Band perform at various community events as well as home football games, volleyball games, basketball games and will march at several marching band competitions. Band members also perform in Concert Band, Jazz Band, Solos and Ensembles, and the District Music Contest in April. The band takes a major out-of-state trip every four years.

## **CONCERT CHOIR.....9302A/B**

PREREQUISITE: None

2 SEM / 5 CREDITS EACH

COURSE DESCRIPTION: This course provides the opportunity to develop your singing voice through voice training and learning to read music. Students will perform in two required concerts during the year.

## **CHAMBER SINGERS.....9303A/B**

PREREQUISITE: AUDITION ONLY

2 SEM / 5 CREDITS EACH

COURSE DESCRIPTION: This course is for students who wish to sing in a select ensemble that meets during the school day. Students participate in several concerts a year and serve as school ambassadors through clinics, competitions and community performances

## **College/HS - Introduction to Theatre.....9114/9113**

PREREQUISITE: JR/SR standing, Application or Teacher Recommendation (college)

DUAL CREDIT - Peru

1 SEM / 5 CREDITS YHS

THEA 232 / 3 CREDITS Peru

COURSE DESCRIPTION: Introduction to Theatre is a liberal studies course that surveys Theatre from the world of the ancient Greeks to the present day. Students gain an appreciation of the aesthetics and humanistic aspects of Theatre. Students will be exposed to dramatic literature from a variety of historical periods and ethnic cultures. The course will also require that the student critically read plays for plot, structure, character and theme. Finally, this course will assist students in developing effective writing skills. Students will be required to watch performances and to write a critical review of each performance. By the term's end, students will be able to: 1. Read a play (dramatic literature) identify and discuss: Plot, Character, Theme 2. Reflect on and discuss the "Art of Acting": 3. Delineate the contributions of "Design" in a live theatre experience. 4. Be an informed "Theatre-Patron": 5. Be capable of writing effectively about a live theatre presentation: 6. Recognize issues of gender, ethnic and class conflict scripted or presented through performance of theatre.

COLLEGE COURSE FEES:

PERU	\$180.00
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Materials Fee	35.00
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TOTAL	\$215.00
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## **American Music .....9125**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course studies the history and impact of music in the American society. It includes topics such as Jazz, Hip Hop, Rap, Country, Rock and Roll, Native, Appellation, and other styles of that nature.

## **Music Appreciation.....9127**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Music Appreciation surveys the art music of Western Civilization from 1500 to the present. With listening skills and basic musicianship as a focus, students become increasingly aware of the role of art music throughout the ages and the role it plays today and in the future.

# Education Academy

## **TEACHING AS A PROFESSION.....5800**

PREREQUISITE: JR/SR

DUAL CREDIT - WAYNE STATE

1 SEM / 5 CREDITS

EDU 150 / 3 CREDITS (WSC)

COURSE DESCRIPTION: This introductory course is designed to introduce students to career opportunities and related skills in the field of education and training. Topics covered include history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities, learner development, and professional development.

COLLEGE COURSE FEES:

WSC: \$49 per credit hour

Materials Fee: \$35.00

EDUCATORS RISING CHAPTER AND ORGANIZATION FEES:

State Dues: \$10

National Dues: \$15

**TOTAL: \$207.00**

## **BEST PRACTICES IN EDUCATION AND TRAINING.....5801**

PREREQUISITE: JR/SR

DUAL CREDIT - WAYNE STATE

1 SEM / 5 CREDITS

EDU 250 / 3 CREDITS (WSC)

COURSE DESCRIPTION: This intermediate course will focus on best practices in education building on concepts from the introductory courses. Topics covered include instructional and assessment methods, differentiated instruction, development of communication skills necessary for educators, and instruction planning. Knowledge and skills will be applied within a structured work-based learning experience, which may take place in a school, community, or business and industry setting. The focus of the hands-on experience will be immersion in an educational setting.

COLLEGE COURSE FEES:

WSC: \$49 per credit hour

Materials Fee: \$35.00

EDUCATORS RISING CHAPTER AND ORGANIZATION FEES:

State Dues: \$10

National Dues: \$15

**TOTAL: \$207.00**

## **FIELD EXPERIENCE IN EDUCATION AND TRAINING.....5802**

PREREQUISITE: JR/SR

DUAL CREDIT - WAYNE STATE

1 SEM / 5 CREDITS

EDU 275 / 3 CREDITS (WSC)

COURSE DESCRIPTION: This capstone course will focus on the thought processes needed in education building on concepts from the introductory and intermediate courses. Topics covered include ethics in education, instructional strategies, equitable learning opportunities, and effective, inclusive communication. Knowledge and skills will be applied within a structured work-based learning experience, which may take place in a school, community, or business and industry setting. The focus of the practicum experience will be on the improvement of instructional strategies.

COLLEGE COURSE FEES:

WSC: \$49 per credit hour

Materials Fee: \$35.00

EDUCATORS RISING CHAPTER AND ORGANIZATION FEES:

State Dues: \$10

National Dues: \$15.00

**TOTAL: \$207.00**

## **PEER.....9500**

PREREQUISITE: Sophomore - Senior Standing

1 SEM / 5 CREDITS YHS

COURSE DESCRIPTION: PEER is a course designed to help high school students find their niche. Students will look at college costs, applications, and college catalogs in search for post-secondary schools. Students will develop a career plan and research information about a career area they are interested in. Students will volunteer at the elementary school with students and teachers during the second quarter to get a glimpse of what a career in education is like.

# **Health Academy**

## **C.A: Basic Medical Terminology.....5601**

1 SEM / 5 CREDITS YHS

MEDA 1101 / 1.5 credits SCC

## **CA: MEDICAL TERMS I & II.....5600B**

PREREQUISITE: JR/SR Standing  
1 SEM / 5 CREDITS YHS  
HLTH 1060 / 3 CREDITS (SCC)

COURSE DESCRIPTION: This course establishes a solid foundation of prefixes, suffixes, word roots, abbreviations, medical terms and symbols. It emphasizes understanding the medical vocabulary as it applies to the anatomy, physiology, pathology, diagnostic procedures, and therapeutic procedures of the human body.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

+Textbook purchase

## **CA: BASIC NUTRITION (ONLINE).....5655**

PREREQUISITE: JR/SR Standing  
1 SEM / 5 CREDITS YHS  
FSDT 1350 / 3 CREDITS (SCC)

COURSE DESCRIPTION: The study of nutrients, digestion, absorption, metabolism, fitness, consumer concerns, food safety, nutrition throughout the life cycle, including cultural influences on food selection. The relation of nutrition to disease is explored.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

+Textbook purchase

## **CA: BASIC NURSING ASSISTING (BNA).....5650B**

PREREQUISITE: JR/SR Standing, Must be 16 years old  
1 SEM / 5 CREDITS YHS  
HLTH 1150 / 4 CREDITS (SCC)

COURSE DESCRIPTION: This course teaches basic nursing skills such as bathing, feeding, ambulation, transferring, and toileting. It is approved by the Nebraska Department of Health and Human Services Regulation and Licensure. Successful completion of this course allows the student to be placed on the Nebraska Nursing Assistant Registry. Nursing assistants may work in long-term care facilities, hospitals, home healthcare, hospice or mental health facilities.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$164.15

+Textbook purchase

# Ag Science, Horticulture & Manufacturing Department

## **BEGINNING WOODS.....6011**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This is a beginning level course in woods that introduces the student to basic knowledge and skills that are foundational to manufacturing. The emphasis of this class is to master shop, tool and equipment safety; measuring; project planning and billing materials; production and manufacturing processes. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **STRUCTURAL SYSTEMS.....6100**

PREREQUISITE: Beginning Woods

1 SEM / 5 CREDITS

COURSE DESCRIPTION: An advanced study of the processes used by modern industry using wood to manufacture consumer products. The emphasis of this class is to master shop and equipment safety, measurement, planning, machining, fabrication processes, finish processes, concrete construction, building construction, plumbing, electrical wiring, roofing, wall covering and tile. Career opportunities will also be explored. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **WELDING I.....6065**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course provides an introduction to metal and fabrication with metal products. The emphasis of this class is to master Safety in Shop with Tools and Equipment; Oxy-Acetylene welding and cutting; and Cutting with Power Shears and Plasma Arc. Required welds will be without rod, with steel rod and braising. It also provides the opportunity to explore careers in agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.



## **WELDING II.....6320**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Welding II builds upon the skills and knowledge of Welding I.

### **WELDING TECHNOLOGY CERTIFICATE:**

## **SMAW I.....WELD 1101**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3.5 CREDITS (SCC)

COURSE DESCRIPTION:

Study of Shielded Metal Arc Welding theory, safety, applications, procedures, and welding practices. Beginning welding of carbon steel on various joints and with various electrodes. Explanation of safe operation and proper use of equipment, power tools and hand tools.

COLLEGE COURSE FEES:

SCC	\$129.15
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Materials Fee	35.00
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TOTAL	\$164.15
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## **SMAW II.....WELD 1109**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 2.5 CREDITS (SCC)

COURSE DESCRIPTION: Intermediate welding of carbon steel with the Shielded Metal Arc Welding process on various joint configurations and positions with various electrodes.

## **GMAW .....WELD 1123**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3.5 CREDITS (SCC)

COURSE DESCRIPTION: Study of Gas Metal Arc Welding theory, safety, applications, manipulative skills, welding principles, and procedures. Study and use of various filler wires and shielding gases and welding power source set-up. Beginning welding of carbon steel with the Gas Metal Arc Welding process on various joint configurations.

COLLEGE COURSE FEES:

SCC	\$129.15
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Materials Fee	35.00
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TOTAL	\$164.15
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## **Oxy-fuel Plasma.....WELD 1107**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3.5 CREDITS (SCC)

COURSE DESCRIPTION: Theory, safety, equipment and applications of the Oxyacetylene Welding and cutting Process. Laboratory exercises with the Oxyacetylene Welding, Braze Welding, Oxyacetylene Cutting and related processes. Theory of Plasma Arc Cutting process and advanced laboratory exercises to include the use of automated equipment.

## **ANIMAL SCIENCE.....6060**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **ADVANCED ANIMAL SCIENCE.....6120**

PREREQUISITE: Animal Science

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Biology. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **Natural Resources & Wildlife.....6040**

PREREQUISITE: None

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. The course has an emphasis on the conservation of natural resources including outdoor recreation topics and provides students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

## **FUNDAMENTALS OF AGRICULTURE CERTIFICATE:**

### **CA: COMPANION ANIMALS.....AGRI 1177**

DUAL CREDIT - SCC High School: **5945**

PREREQUISITE: Advanced Animal Science

1 SEM / 5 CREDITS (YHS), 3 CREDITS (SCC)

COURSE DESCRIPTION: Principles and practices for the life cycle and care of companion animals which may include nutrient regimen, breed identification, various infections and non-infectious disease diagnostics and treatment, anatomy, physiology, parasitic life cycles and internal and external identification, medication requirements for certain problems and the importance of companion animals in contemporary society.

#### **COLLEGE COURSE FEES:**

SCC	\$129.15
Materials Fee	35.00
TOTAL	\$164.15

### **Fundamentals of AG Marketing.....AGRI 1211**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3 CREDITS (SCC)

COURSE DESCRIPTION: Study of new market opportunities in the agriculture industry. Developing a marketing plan and promotional strategies for agriculture products.

## **Crop & Food Science.....AGRI 1131**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3 CREDITS (SCC)

COURSE DESCRIPTION: Principles and practices of production of the major agronomic crops of the high plains.

## **Intro to Livestock Production.....AGRI 1126**

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 3 CREDITS (SCC)

COURSE DESCRIPTION: A comprehensive introduction to livestock production utilizing current literacy and terminology.

## **CA: ANIMAL SELECTION & CARCASS EVALUATION.....AGRI 1257**

HS: 5950

DUAL CREDIT - SCC

PREREQUISITE:

1 SEM / 5 CREDITS (YHS), 2 CREDITS (SCC)

COURSE DESCRIPTION: Methods of selection and evaluation of live animals and carcasses. Training in selection of replacement breeding animals of economic importance. Purchasing slaughter animals and carcasses for primal cut within the meat industry. *Transfers to UNL College of Agriculture SCI 200 Animal & Carcass Evaluation (3cr)*

COLLEGE COURSE FEES:

SCC	\$80.10
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$115.10

## **INTRO TO MEATS.....AGRI 1258**

DUAL CREDIT - SCC HS:

PREREQUISITE: AGRI 1257, **1141 Livestock Management**

1 SEM / 5 CREDITS (YHS), 2 CREDITS (SCC)

COURSE DESCRIPTION: Identification and grading of retail and wholesale cuts of meat of swine, beef and sheep, with emphasis on economic and nutritional value. Carcass grading and processing is covered.

COLLEGE COURSE FEES:

SCC	\$80.10
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$115.10
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## **Intro to Horticulture.....HORT 1130**

HS: 6045A

1 SEM / 5 CREDITS (YHS), 3 CREDITS (SCC)

COURSE DESCRIPTION: Introductory course designed to feature basic aspects and techniques of the horticulture industry. Emphasis will be placed on making the student aware of the different fields with the industry and the proper growing environment for indoor and outdoor horticulture crops.

COLLEGE COURSE FEES:

SCC	\$120.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$175.15
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## **HORTICULTURE.....6045 B**

PREREQUISITE: Intro to Horticulture

1 SEM / 5 CREDITS

COURSE DESCRIPTION:

This course focuses on knowledge, information, and skills related to the science of plant production and agronomy and provides the necessary skills for careers in horticulture, agricultural production and management, and science. The content includes plant growth and reproduction, biotechnology and research, fertilizers, plant and tree identification, controlling weeds and pests, and proper use of agricultural chemicals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

# **AG BUSINESS**

## **PORTFOLIO.....6243A/B**

PREREQUISITE: Instructor Permission  
1 SEM / 2.5 CREDITS

COURSE DESCRIPTION: An AG Business course designed to give students an overview of the Agriculture, Food and Natural Resources Career Cluster with an emphasis on entrepreneurship or placement in a supervised agriculture career program. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through the utilization of the AET record keeping program for developing a personal portfolio.

## **Agriculture Occupation Exploration.....AGRI 1123**

DUAL CREDIT - SCC HS:  
PREREQUISITE:  
1 SEM / 5 CREDITS (YHS), 2 CREDITS (SCC)

COURSE DESCRIPTION: Overviews of occupations in the field of agribusiness. In-depth exploration of several broad occupational areas and personal interview of at least two agribusiness management level employers.

### **COLLEGE COURSE FEES:**

SCC	\$80.10
<u>Materials Fee</u>	<u>35.00</u>
TOTAL	\$115.10

## **AG Leadership.....1108 A/B**

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This Agriculture Leadership course helps students develop leadership skills in the agricultural industry through communication, teamwork, and problem-solving. Students will engage in hands-on projects and activities to prepare for future leadership roles in agriculture and their communities.

# Business Department

## **PERSONAL FINANCE.....5315**

PREREQUISITE: None

1 SEMESTER / 5 CREDITS

COURSE DESCRIPTION: This course is designed to help students manage their resources and to make sound personal financial decisions. It will provide an overview of the opportunities used to determine how economic factors affect planning and budgeting. Students will learn to improve their judgement and abilities in using money, financial institutions, and investment opportunities.

## **ACCOUNTING I.....5300A/B**

PREREQUISITE: Grade 10, 11, 12

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: A study of the basic language of business that includes gaining knowledge of accounting concepts, principles, and practices. Students develop higher-order thinking and problem solving abilities.

- Applying accounting procedures to service and merchandising enterprises organized as proprietorships, partnerships, and corporations
- Preparing source documents and financial statements
- Maintaining journals and posting to ledgers
- Solving 2 or 3 accounting practice sets
- Auditing and adjusting accounting records
- Using computer and control systems

## **ACCOUNTING II.....5400A/B**

PREREQUISITE: Accounting I

FULL YEAR / 5 CREDITS PER SEMESTER

COURSE DESCRIPTION: Accounting II develops analytical and critical thinking skills needed in the accounting environment for success in collegiate accounting and related business courses.

- Review of business ethics
- Financial statements and analysis
- Partnership and corporation accounting
- Budgets and departmental accounting
- Cost accounting
- Voucher system and cash flow
- Depreciation for plant assets
- Notes receivable and notes payable
- Inventory control

## **CA: INTRODUCTION TO BUSINESS.....5710A / 5711A**

PREREQUISITE: Junior / Senior

1 SEM / 5 CREDITS YHS

BSAD-1050 / 3 CREDITS (SCC)

(Fall 25, Fall 27, Fall 29)

**COURSE DESCRIPTION:** An introductory study and overview of the role of business in society as well as a discussion of the various disciplines of business, including an overview of business organization, management, marketing, human resource management, and finance. Also, a study and discussion of various strategies for success of specific public and private firms as well as small business. Business vocabulary used to understand and interpret business news and information.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$164.15
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+Textbook purchase

## **CA: PRINCIPLES OF MARKETING.....5306B / 5305B**

PREREQUISITE: Junior / Senior

1 SEM / 5 CREDITS YHS

BSAD-2520 / 3 CREDITS (SCC)

(Spring 26, Spring 28, Spring 30)

**COURSE DESCRIPTION:** A study of the development of an effective marketing program, including consumer behavior, product, pricing, distribution, and promotional strategies.

### **COLLEGE COURSE FEES:**

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$164.15
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+Textbook purchase



## **CA: PRINCIPLES OF MANAGEMENT.....5700B / 5702**

PREREQUISITE: Junior / Senior

1 SEM / 5 CREDITS YHS

BSAD-2540 / 3 CREDITS (SCC)

(Fall 24, Fall 26, Fall 28, Fall 30)

COURSE DESCRIPTION: Introduction to management theory and practice for supervisors of employees or managers of organizations. Functions of planning, organizing, directing, controlling and supervising new and rapidly developing areas of management.

COLLEGE COURSE FEES:

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$164.15
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+Textbook purchase

## **CA: INTRODUCTION TO ENTREPRENEURSHIP.....5700A / 5701**

PREREQUISITE: Junior / Senior

1 SEM / 5 CREDITS YHS

ENTR-1050 / 3 CREDITS (SCC)

(Spring 25, Spring 27, Spring 29, Spring 31)

COURSE DESCRIPTION: The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy.

COLLEGE COURSE FEES:

SCC	\$129.15
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<u>Materials Fee</u>	<u>35.00</u>
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TOTAL	\$164.15
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+Textbook purchase

# Technology Department

## **COMPUTING FUNDAMENTALS.....5125**

PREREQUISITE: NONE

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, educational technology, computer literacy, information technology, and computer science. Students will also be given the opportunity to test for the Microsoft Office Certification in Word and PowerPoint. Skills, standards, and coursework align with industry certifications.

## **ADVANCED COMPUTING FUNDAMENTALS.....5126**

PREREQUISITE: COMPUTING FUNDAMENTALS

1 SEM / 5 CREDITS

COURSE DESCRIPTION: This course will focus on skill development in spreadsheets and the basics of programming and coding. Students will have the opportunity to test for the Microsoft Office Certification in Excel. Programming/Coding work will focus on JavaScript basics as well as HTML. Skills, standards, and coursework align with industry certifications.

## **COMPUTER SCIENCE PRINCIPLES.....5131**

PREREQUISITE: NONE

1 SEM / 5 CREDITS

COURSE DESCRIPTION: Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

## **MEDIA PRODUCTIONS.....5111A/B**

PREREQUISITE: NONE

1 SEM / 5 CREDITS (May be taken multiple semesters)

COURSE DESCRIPTION: Students will apply and expand their skills of interviewing, reporting, writing, editing, photography / videography and design. Students will explore careers while working together to create projects in a variety of media such as print, broadcast, video, audio, Internet, and/or mobile. Students in this class will use the Adobe Suite for anything they create including, but not limited to, Photoshop/Premiere/Audition/After Effects. Students are also responsible for live streaming events associated with York Public Schools and are required to work a minimum amount of events for each semester.

# Jobs for America's Graduates (JAG)

<b>JAG I.....</b>	<b>8700</b>
<b>JAG II.....</b>	<b>8701</b>
<b>JAG III.....</b>	<b>8702</b>
<b>JAG IV.....</b>	<b>8703</b>

PREREQUISITE: NONE

1 YEAR / 10 CREDITS YHS (Can be taken each year)

PROGRAM DESCRIPTION: Jobs for America's Graduates (JAG Nebraska) is dedicated to empowering students with the personal and professional development skills and support to achieve success in high school graduation, further education, and employment following high school graduation. JAG Nebraska programming is provided as in-school, for-credit class electives during the school day. Classes integrate project-based learning and employer engagement through hands-on, realistic learning experiences where students master up to 87 competencies translatable to the workforce. JAG also provides leadership development experiences through extracurricular activities which include student-led planning and engagement for public service and social awareness projects and activities in addition to participation in State and National JAG conferences throughout the school year. As a result of JAG Nebraska, students become equipped to contribute to the local community through attainment of meaningful employment and active civic engagement skills.