

Board of Education Work Session

January 25, 2016 6:00 PM

Platteview High School Cafeteria, 14801 S.  
108th St., Springfield, NE  
765 Main St  
Springfield, NE 68059

## **Agenda**

- I. Meeting Roll Call
- II. Notice of Open Meetings Act - Posted
- III. Learning Community Issues- Bellevue Boundary Agreement
- IV. Public Comment
- V. Items for Discussion (Discussion Only)
  - V.A. Platteview High School Curriculum Handbook
  - V.B. Springfield land purchase and possible plat plan
- VI. Future Planning
- VII. Adjourn



January 12, 2016

Dear District Residents East of 60th Street,

I hope the new year finds all of you well. The following information is a summary of the issues we have faced as a school district since the Learning Community was created and rationale for a direction our school district is heading in regards to the Learning Community and school district boundaries. Let me tell you up front that any boundary agreement we are negotiating with the Bellevue Public Schools is not valid unless the Learning Community's common levy is removed during the 2016 Nebraska legislative session.

We have been in discussion for several years with the Bellevue Public Schools concerning boundaries. School district boundaries have always been a point of contention among cities and school districts. Before the Learning Community law was passed, State Statute 79-473 gave authority to larger districts, such as Bellevue Public Schools, to annex our school district land as their cities grew. The Learning Community law froze school district boundaries as they were back in 2007. The negative thing about the Learning Community law is the common levy was created at the same time.

The common levy allows the Learning Community Coordinating Council to tax the two county area at \$.95 and then distribute out the dollars according to enrollment and needs throughout the school districts included in the Learning Community. Being a smaller district, we have always come out negative in the disbursement of such funding. As an example, we received \$9,798,153 from the first year of the common levy in 2010-11. We will receive \$9,118,441 in the 2015-16 school year. This leaves us 7% less revenue than we were receiving 6 years ago. We have lost more than \$10 million in six years of potential tax dollars from being a part of the Learning Community and more than \$3 million this year alone.

Our district tax valuation went up over 10% this fiscal year. This amounted to more than \$1.1 million in additional funds. Normally, a Board of Education in that situation can cut their levies to help reduce the tax burden on district taxpayers. In the Learning Community, we are not able to do that because we are not the main taxing authority. Instead of having extra dollars for our school district and cutting the tax rate for our taxpayers, all of these dollars went to Douglas County school districts and saved the state money. This is not sustainable for our school district over the long term.

We have been working hard with state senators, local cities, and Learning Community school districts to be part of a solution that all Sarpy County school districts and cities can support to get rid of the common levy. Because of old boundary laws, we need to make boundary concessions to allow all of us to come to an agreement and work together to have the common levy removed. The common levy is the most important issue for us as a school

district to be sustainable and to serve our students at a level our parents and community expect.

Attached is a summary of the pending boundary agreement with Bellevue. Please note that this agreement will mainly affect agricultural land purchased by a developer. Agricultural land would only be transferred to the Bellevue Public Schools at the agreed upon price when the land is sold to a developer. Any farmland would remain a part of our district until this would happen.

Bellevue can only acquire existing residential property within our district at a cost of 10 years of taxes. They currently do not have the funding to bring existing residential land into their district. This means current district residents will remain in our district until further notice. In the future, if there's a possibility of the transfer of boundaries for existing residential homes, we will notify homeowners of the situation.

If Bellevue ever decides to pay for existing residential properties to transfer boundaries, and you currently have students in our district, your student(s) and siblings will be grandfathered in and allowed to attend our school district. Transportation will continue to be provided to those students.

I would be glad to meet with or speak with any of you who would like additional information or have questions. Meetings with individuals or small groups can be arranged by calling the district office at 402-592-1300. Our Board of Education will have the potential Bellevue agreement on the agenda at our next work session on Monday, January 25 at 6:00 p.m., at the Platteview High School cafeteria, located at 14801 S. 108th St., Springfield, NE. The Board is likely to take action on the agreement at the Monday, February 8 meeting at 7:00 p.m. at the district's Central Office just north of the high school. Your participation in our meetings is always welcome.

Sincerely,

A handwritten signature in cursive script that reads "Brett Richards".

Brett Richards  
Superintendent

Tentative Boundary Agreement - SUMMARY - Between

Springfield Platteview Community Schools

and Bellevue Public Schools

January 2016

Upon elimination of the 95-cent Common Levy, Springfield Platteview Community Schools agrees to transfer to Bellevue Public Schools all school district boundaries to include properties East of 60th street from the northern most boundary of SPCS then south to the Platte River in accordance with the agreed upon procedures for various types of land outlined below. All properties will remain part of Springfield Platteview Community Schools until such time as the appropriate payment is received.

New Residential/Commercial/Industrial Development:

For land planned for new residential development, Bellevue Public Schools will pay Springfield Platteview Community Schools \$2,000 per acre for the transfer of land. The price per year will increase by 3.0% annually for a period of ten years. Payment and transfer will be considered after the property has received approval for final plat. After ten years, the Boards of Education will negotiate in good faith a new payment amount per acre related to economic factors and valuation increase/decreases of that time period. Agreed upon boundaries will stay as outlined in the agreement after ten years and beyond unless both parties agree otherwise.

Existing Residential/Commercial/Industrial:

Property that has previously been developed and current residential/commercial/industrial property within the new boundary can be transferred for a price not to exceed the current fiscal year General Fund value based on current tax levy and assessed value times 10 years.

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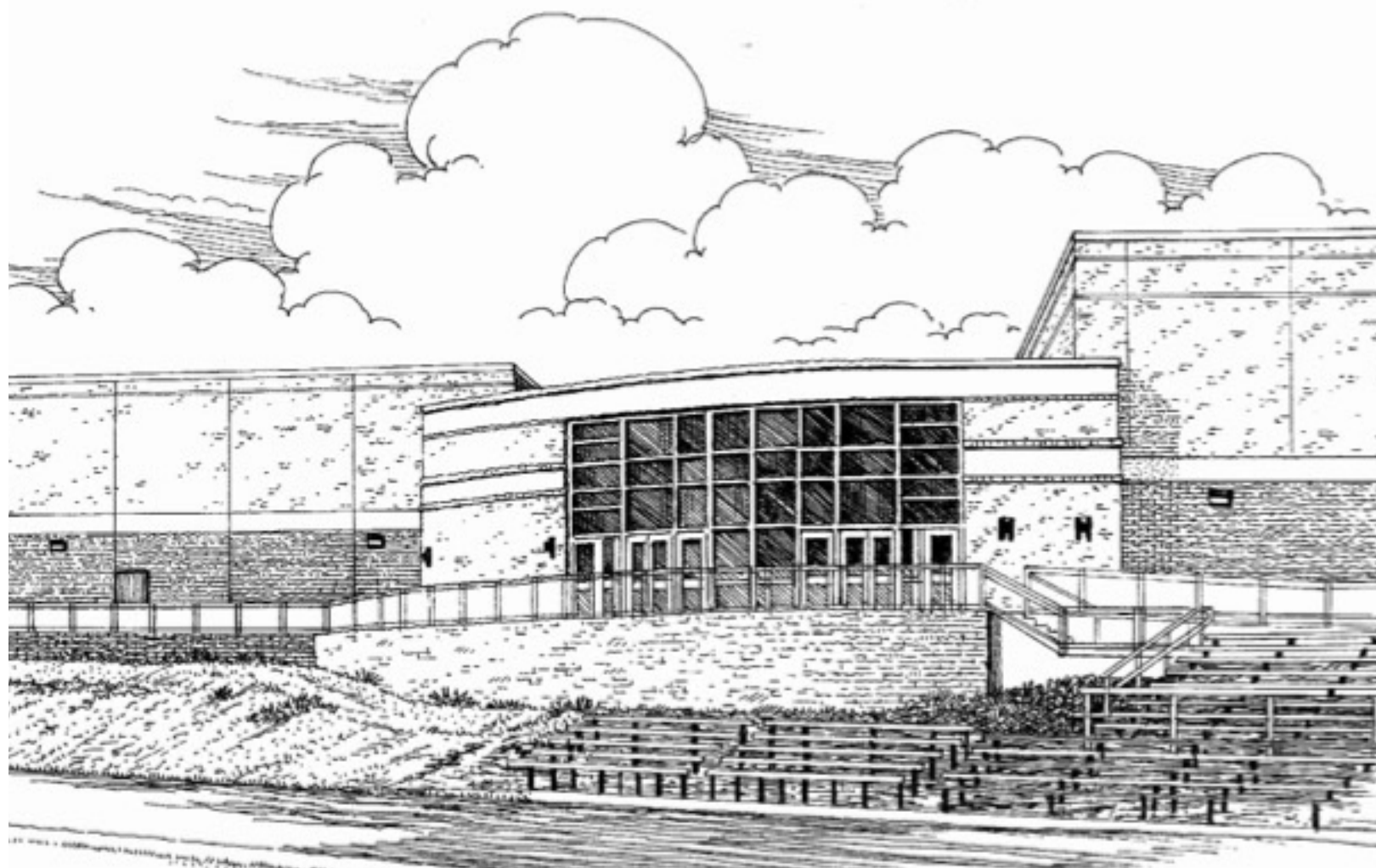
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**Existing Residential/ Commercial/ Industrial:**

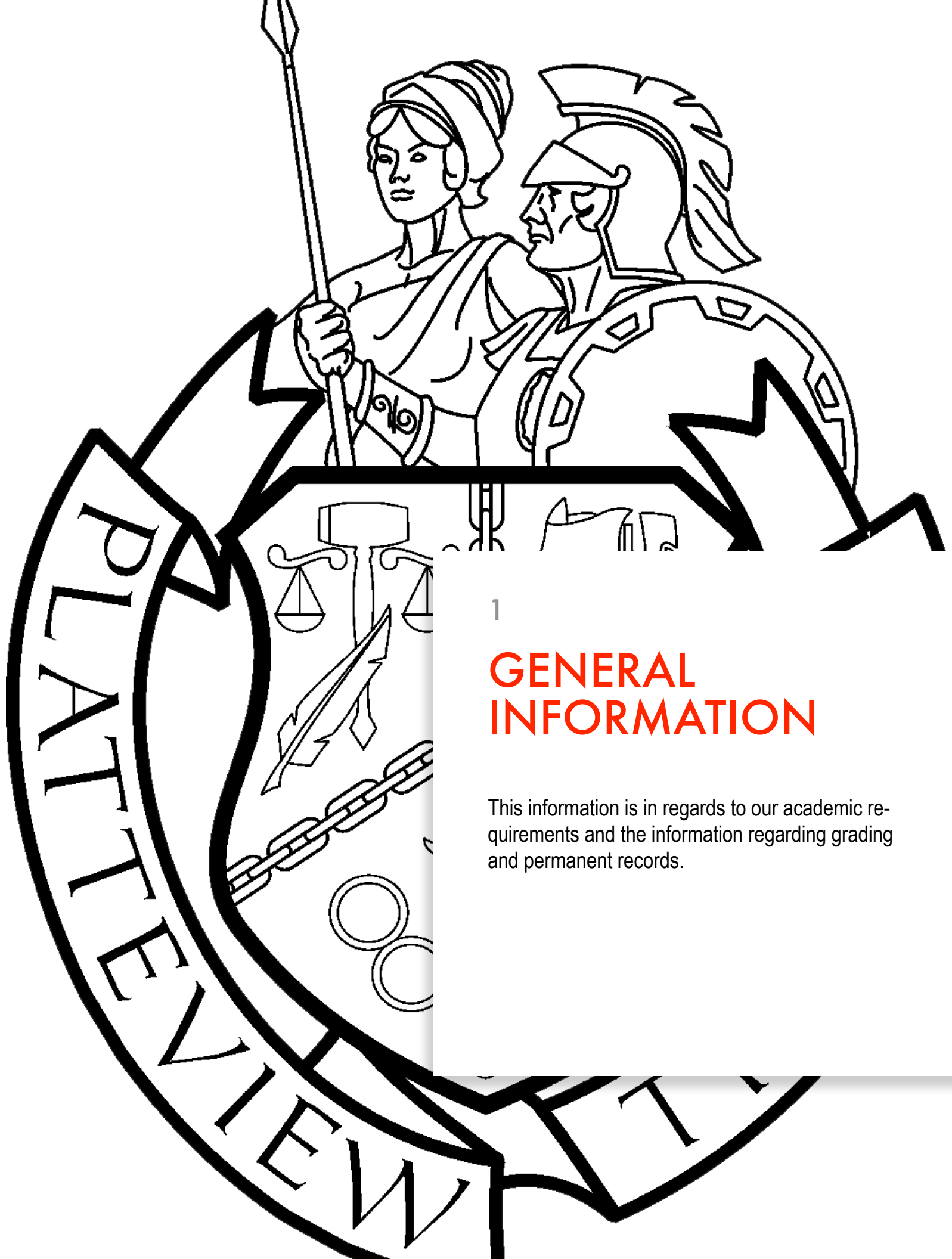
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# PLATTEVIEW HIGH CURRICULUM GUIDE

2016-2017

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1

## GENERAL INFORMATION

This information is in regards to our academic requirements and the information regarding grading and permanent records.

### Academic Recognition

Principals List	A student who achieves a grade point average of 4.00 in a semester and is enrolled in 1 of each of the 4 core academic areas.
Honor Roll	This is an academic achievement award for students who have achieved a grade point average of 3.75 or above and is enrolled in 4 core academic classes. This recognition is given only at the end of the semester grading periods.
Merit Roll	This is an academic achievement for students who have achieved a grade point average of 3.50 or above. This recognition is given only at the end of the semester grading periods.
Academic Letter	Students who have been named to the Honor Roll for 4 consecutive semesters may request recognition and an academic letter.

### Class Rank

Platteview computes a class rank for students, based on their cumulative grade point average. All course work taken, beginning with the ninth grade, is used in determining class rank. This information is updated on a semester basis and final class rank is not completed until all grades are recorded after the grading period has been completed.

### Class Standing

Freshman	0 – 13 Credits
Sophomore	14 - 26 Credits and completed 2 semesters of high school
Junior	27 - 39 Credits and completed 4 semesters of high school
Senior	40+ Credits and completed 6 semesters of high School

### Course Load Requirements

The following course load requirement assures that students are scheduled in class an appropriate amount of time and that they are making satisfactory progress towards graduation. All students MUST be registered for seven credits of course work each semester.

### Course Requirements by Grade Level

<u>9th Grade</u> World Geography/Civics English 9 Math Biology Physical Education 9 Information Technology I Study Hall	<u>10th Grade</u> English 10 World History Chemistry or Applied Chemistry Math Health Personal Finance Study Hall
<u>11th Grade</u> English 11 US History Math Physics or Applied Physics	<u>12th Grade</u> English 12 American Government./Social Science

### Early Graduation

Students may graduate from Platteview upon completion of seven semesters, provided they have met course and credit requirements and have attended Platteview for two semesters. Students who wish to graduate early must complete the application form and submit it to the principal by June 1 following their junior year. The form is available from the guidance counselor and on the school website.

### Grade Point Average

Platteview High School computes a grade point average (GPA) for all students. The GPA is determined by dividing the total number of mark points by the number of credits attempted. Mark points are earned on the basis of the table below:

## Grading Scale

Letter Grade	Percentage
A+	97-100
A	93-96
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	0-59

## Graduation Dates

Class of 2017 May 21

Class of 2018 May 20

Class of 2019 May 19

Class of 2020 May 20

## Graduation Requirements

Students must earn 50 credits to earn a high school diploma. The following graduation requirements, as established by the Springfield Platteview Board of Education:

English	8 units To include English 9(2), English 10(2), English 11(2), and English 12(2) or similar honors course.
Social Studies	8 units To include World Geography(1), Civics(1), World History(2), US History(2) and US Government(1).
Mathematics	6 units To include math in succession.
Science	6 units To include Biology(2).
Physical Education	2 units To include Physical Education 9 (1)
Health	1 unit
Information Technology 1	1 unit
Personal Finance	1 unit

**Graduation Pathways beginning with the Class of 2019**

To begin with the Class of 2019 Platteview will offer 3 pathways to assist students in planning for their future choices.. All students will all need to earn a minimum of 50 credits, which are listed in the College and Career Pathway. Students completing the Distinguished Pathway will be recognized at the Commencement ceremonies and receive a Distinguished Diploma.

	<b>College &amp; Career Pathway</b>	<b>University Bound Pathway</b>	<b>Distinguished Pathway</b>
<b>Business</b>	Information Technology Personal Finance	Information Technology Personal Finance	Information Technology Personal Finance
<b>Language Arts</b>	English 9 English 10 English 11 English 12	English 9 or Honors English 9 English 10 or Honors English 10 English 11 or Honors English 11 English 12	Honors English 9 Honors English 10 Honors English 11 Advanced Placement Literature
<b>Mathematics</b>	Algebra 1 Geometry Algebra 2	Algebra 1 Geometry Algebra 2 Advanced Math **	Geometry Algebra 2 Advanced Math ** Advanced Placement Calculus**
<b>Physical Education</b>	Physical Education 9 Health Additional Physical Education course	Physical Education 9 Health Additional Physical Education course	Physical Education 9 Health Additional Physical Education course
<b>Science</b>	Biology Chemistry or Applied Chemistry Physics or Applied Physics	Biology Chemistry Physics or Applied Physics	Biology Chemistry Physics Advanced Placement Chemistry**
<b>Social Science</b>	World Geography & Civics World History US History US Government & Elective	World Geography & Civics World History US History US Government & Economics	World Geography & Civics World History US History Advanced Placement Government & Elective
<b>World Language</b>		Spanish 1 Spanish 2	Spanish 1 Spanish 2 Spanish 3
<b>Online Learning</b>			Successfully complete an Advanced Scholars college credit course
<b>Community Service</b>			20 Hours
<b>Completion</b>	50 Credits	50 Credits	50 Credits plus the completion of all AP exams, community service, and a 3.6 gpa

## Mark Point Table

Letter Grade	Percentage	Mark Points	Weighted Mark Points
A+	97-100	4.00	5.0
A	93-96	4.00	5.0
A-	90-92	3.67	4.67
B+	87-89	3.33	4.33
B	83-86	3.0	4.0
B-	80-82	2.67	0.67
C+	77-79	2.33	3.33
C	73-76	2.0	3.0
C-	70-72	1.67	2.67
D+	67-69	1.33	2.33
D	63-66	1.0	2.0
D-	60-62	0.67	1.67
F	0-59	0.00	0.00

\*\* Weighted classes include Advanced Math\*\*, Introduction to Statistics\*\*, Physics, Honors English 9, Honors English 10, Honors English 11 and all advanced placement classes.

### Registration Procedures

The registration process allows for a strong schedule of classes to be created to meet the needs of our students. With that in mind, we ask that students and parents spend time discussing their options for all four years of their high school experience. Students entering 9th grade will need to attend a registration meeting with their parents and school personnel to review their personal learning plan and their plans for high school.

### Drop/Add

The schedule for each semester should be considered final when the registration form is turned in to the counselor's office. Students with legitimate conflicts would include:

- retake a course that has previously been completed unsatisfactorily
- address a graduation requirement that has not been met
- registered for a course without a prerequisite

Students requests for a drop/add must occur before the first day of the semester. If a drop is requested after the first week of school it will require the permission of a parent, teacher and an administrator and will show a "WP" or "WF." After the mid-quarter, students may only be dropped from class with a grade designation of "F".

### Study Halls and Open Periods

Students will be allowed to take one study hall. Freshmen, sophomores and juniors who sign up for a study hall must attend the study hall; students will be required to attend even if the study hall falls in first or eighth period. Seniors will be allowed to select one open period, period one or eight, for each semester in lieu of a study hall. If a senior chooses to sign up for a study hall, they must attend the study hall.

## **Glossary**

Advanced Placement	A class has an approved curriculum by the College Board. A student can take the Advanced Placement Test in the spring to possibly earn college credit.
Credit	This is the credit value placed on a particular class. Classes meeting for 18 weeks, one class hour each day of the week, will yield one credit for the semester.
Dual Credit	A course that is offered at the high school and taught by a high school teacher for high school credit where a student has the option of enrolling in the course at a college to also earn college credit.
Electives	These are courses over and above those courses specifically required for graduation.
Fee	This is the amount of money the student will be required to pay to cover the cost of supplies. Class fees must be paid by the end of the first full week of classes. Class fees may also be for dual credit or college credit courses.
Pass-Fail	Activity classes routinely use pass-fail grading. Pass-fail grades are not used in the calculation of a student's GPA.
Permission	A student must acquire permission to enter certain courses if he/she does not meet the specific requirement. This permission is granted by the instructor of the course.
Prerequisite	This is the coursework that must be completed successfully before a student can register for the course.
Required Courses	These are specific courses required for graduation.
Weighted Grades	Classes that have weighted grades will show the weight in the mark point. The grade will still reflect the actual grade earned in the course.

## List of Course Offerings

### Art Department

Advanced Art  
Commercial Design  
Drawing  
Independent Study Art  
Painting  
Pottery  
Three Dimensional Art

### Business Department

Accounting I  
Advanced Accounting  
Business Law I  
Information Technology I  
Information Technology II  
Intro to Digital Design  
Digital Media  
Economics  
Entrepreneurship & Leadership  
Go Platteview!  
Introduction to Business  
Leadership & Management  
Marketing 1  
Marketing 2  
Personal Finance  
Web Design

### Family & Consumer Science

Advanced Clothing & Textiles  
Child Development  
Clothing & Textiles  
Family Relationships  
Foods I  
Foods II  
Housing & Home Furnishings  
Sports & Family Nutrition

### Honors Program

Advanced Scholars(UNL)  
Honors Independent Study

### Industrial Technology Department

Advanced Engineering Concepts  
Advanced Manufacturing Metals  
Advanced Manufacturing Woods  
Construction Technology  
Design & Fabrication  
Intro to Industrial Communications & Design  
Manufacturing Metals  
Manufacturing Woods  
Principles of Electricity & Industrial Technology  
Residential Architectural Drafting  
Technical Drafting

### Language Arts Department

Advanced Placement English  
English 9  
English 10  
English 11  
English 12  
Honors English 9  
Honors English 10  
Honors English 11  
Journalism I  
Journalism II  
Photography  
Speech  
Yearbook

### Mathematics Department

Advanced Math\*\*  
Advanced Placement Calculus\*\*  
Algebra 1  
Algebra 2  
Algebra 2: Concepts & Skills  
Geometry  
Integrated Geometry  
Introduction to Statistics\*\*

### Music Department

Concert Choir  
Music Theory  
Varsity Band

### Physical Education

Advanced Weight Training  
Health  
Lifetime Fitness  
Lifetime Sports  
Physical Education 9  
Weights & Conditioning  
Advanced Weights & Conditioning

### Science Department

Advanced Biology  
Advanced Chemistry  
Anatomy & Physiology  
Applied Chemistry  
Applied Physics  
Biology  
Chemistry  
Physics

### Social Science Department

Advanced Placement Government\*\*  
US History  
Civics  
World History  
Criminal Justice  
Economics  
Business Law I  
Psychology I  
Psychology II/AP  
Social Problems  
U.S. Government  
World Geography

### Work Place Readiness

Cooperative Education  
Internship I  
Internship II

### World Language Department

Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4

## On-Line Registration Instructions

### On-Line Registration Instructions

#### Entering Scheduling Requests

1. After logging into Parent Web, select a student.
2. Select the scheduling option from the menu. The name of this can vary per building. In this example, it is called *Sims Schedule*.
3. A new window will open.

Close Window

Course Requests for CHRISTIAN School Year 2010-2011

Add Course ID:   [Ralston Verification Letter](#)


4. **To enter a request**, the user may enter a course ID in the *Add Course ID* box and click **Submit**. The screen will then refresh and display the course just entered.

Close Window

Course Requests for CHRISTIAN School Year 2010-2011

Add Course ID:   [Ralston Verification Letter](#)

Courses Requested for CHRISTIAN



	Course ID	Course Title
	BU40	PERSNL FINANCE
	FA24	ART I

5. **To delete a request**, click the red X next to the request. The red X will only appear based on the Delete Option selected in Sched Parameters for the building.
6. **To search for a course**, scroll down and enter part of a Course ID or Title and click **Search**. If the course needed appears, click the green + button to add course to list of requests.

Search for Courses

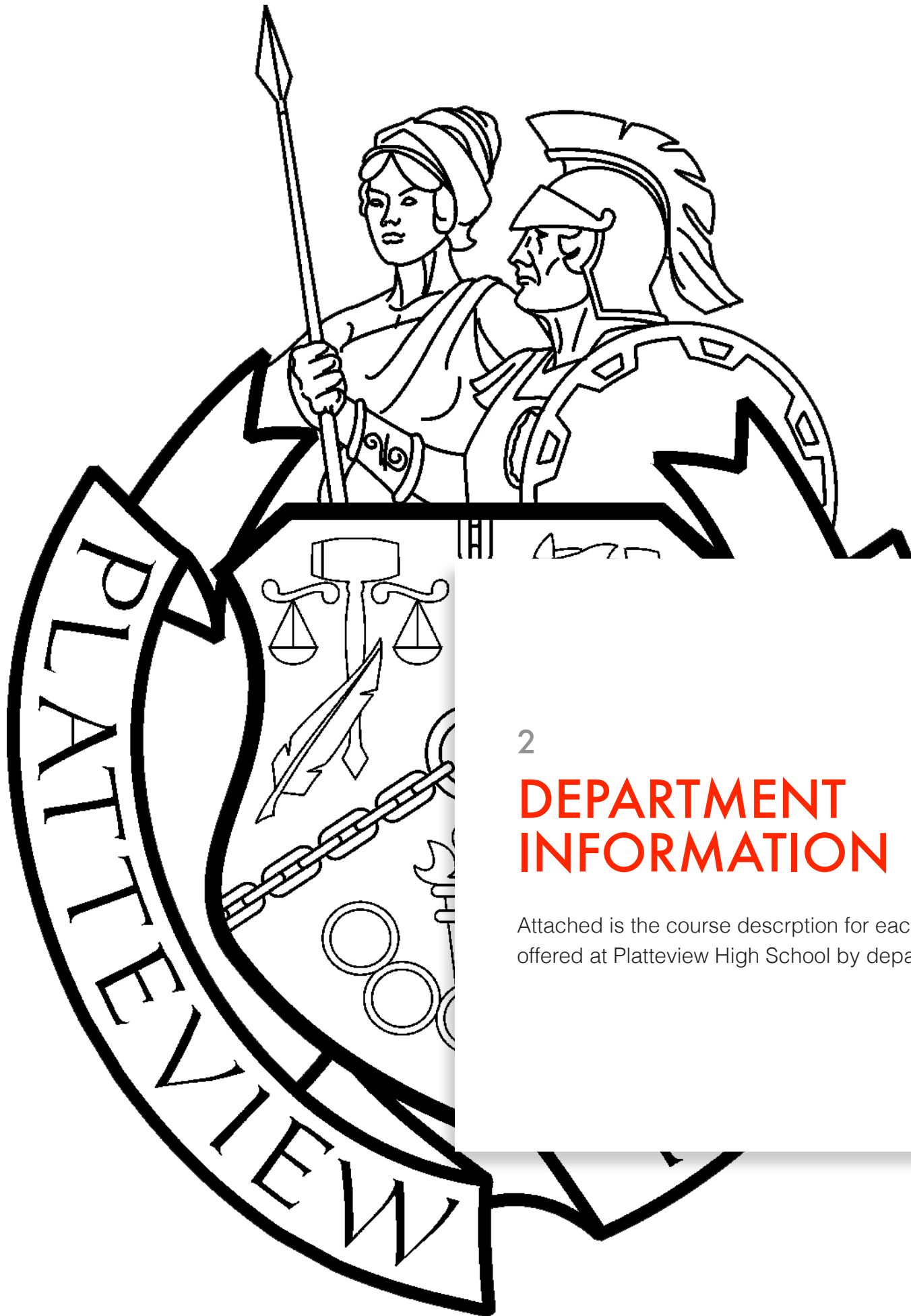
Course ID:

Course Title:

Add	Course ID	Course Title
	MA01	ALGEBRA I
	MA05	ALGEBRA I (9)

7. **To print requests**, using browser can print page (be sure to click **Reset** on the course search or these will print also). Or Click the verification letter link in the upper-right hand corner if available for district.

\*\*CLASSES DENOTED WITH ASTERISKS ARE DUAL CREDIT OPTIONS.



2

## DEPARTMENT INFORMATION

Attached is the course description for each course offered at Platteview High School by departments.



## ART

No.	Course	Semester	Credit	Open To
0712	Commercial Design	Semester	1	9-12
0713	Three Dimensional Art	Semester	1	9-12
0714	Independent Art Study	Semester	1	11-12
0715	Drawing	Semester	1	9-12
0716	Painting	Semester	1	9-12
0717	Advanced Art	Semester	1	10-12
0718	Pottery	Semester	1	10-12

## **Advanced Art I and II**

Course #: 0717

Prerequisite: Drawing and two other art classes offered (Painting, 3D Art, Pottery, or Commercial Design)

Class Fee: \$20.00 per semester

### Course Description:

Advanced Art is a portfolio preparation class, designed to provide a range of subjects, media, and techniques that provide the framework for developing individual ideas and approaches, with expression as the goal. Assignments are flexible to allow the students to meet the portfolio criteria of numerous colleges, and various local, national, and international competitions. This course may be taken multiple semesters.

### Course Objectives:

"The student will..."

- have an awareness and sensitivity to natural and man-made environments.
- examine a variety of objects and apply the elements and principles of design.
- use inventive and imaginative expression through art materials and tools.
- be able to design, develop, and create artworks utilizing a variety of art materials.
- learn to appreciate art of the past and present.
- will continue on with their growth of aesthetics through visual discrimination and judgment.

## **Commercial Design and Graphic Design**

Course #: 0712

Prerequisite: Drawing

Class Fee: \$10 - To be paid the first week of the semester.

(This includes airbrush paper and frisket, materials for a personal portfolio and various paints.)

### Course Description:

Commercial Design is a course designed to develop an awareness and appreciation of certain aspects of advertising. This class, that also includes painting, will give the student the opportunity to explore the relationship of color and design to particular design areas. Art history, slides, and terms will be given. Projects are subject to change.

### Course Objectives:

"The student will..."

- be able to design projects for commercial art.
- be able to illustrate proportional drawing into a specific unit.
- be able to continue to use art fundamentals through painting.
- demonstrate individual expression in all assignments.
- recognize aesthetic value through slide viewing.

## **Drawing**

Course #: 0715

Class Fee: \$10 - To be paid the first week of the semester.

(This includes paper, special marker, pencil, eraser, ink, and matte board.)

### Course Description:

This drawing class will be done in three units. There will be perspective, figure drawing, and still life. Pencil, charcoal, ink, colored pencils and markers are the medias that can be used. Art history lessons will also be given in the lectures. Projects are subject to change.

Course Objectives:

"The student will..."

- be able to draw various perspectives, figure drawings, and still life.
- be able to create projects with specific guidelines.
- understand art terms relating to art projects and art history notes.

**Independent Art Study I and II**

Course #: 0714

Prerequisite: Drawing, Advanced Art, and one other art class in the area of study. Contracts must be filled out and signed before registration, and a six-project portfolio must be authorized by Mrs. Hansen

Class Fee: Prices will vary based on students project plan. A price sheet will be written for each project and included in the contract.

Course Description:

Individual projects are aimed at the serious student who would like to pursue a special field of art. Students must have followed a sequence of classes available before permission will be given from the art instructor for the class. Class assignments, due dates for projects, amount of credit, and class time will be spelled out in a contract drawn up by the student and art instructor. This course may be taken multiple semesters.

Course Objectives:

"The student will..."

- have a better understanding of the field of art by choosing their own assignments.
- demonstrate the importance of scheduling their time according to signed contract.
- understand how to preplan each assignment.
- pre-plan each semester of art.
- develop aesthetic value when creating art projects.

The following are requirements for Independent Study:

- previously contacted art school and have information on it.
- received 1's in all art classes.
- must have followed all class rules and received no detentions or office referrals.
- pre-plan each semester of art.
- one unit of independent study will cover a specific era of art (in depth study - ex: Egyptian Art).

**Painting**

Course #: 0716

Prerequisite: Drawing

Class Fee: \$15 - To be paid the first week of the semester. (This includes paper, special marker, pencil, eraser, and matte board.)

Course Description:

This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Painting from still life, landscape, and life, by adding color theory, linear perspective, pictorial composition, figure/ground relationships, visual perception, and critical thinking skills will all be emphasized extensively. We will study and research major painting styles and movements in historical context. Demonstrations, slide lectures, group and individual critiques will be given throughout the course.

Course Objectives:

"The Student will..."

- develop students' confidence in using painting as a primary medium for artistic expression.
- introduce students to the fundamental processes of visual perception and artistic expression.
- develop students' ability to verbalize ideas and processes in art making.
- develop understanding of history styles and contemporary issues in painting.

**Pottery**

Course #: 0718  
Prerequisite: Drawing  
Class Fee: \$20

Course Description:

This is a class designed for students wanting more time on the pottery wheel. Due to the number of pottery wheels, this will have to be a small class, a total of 3 to 5 students. Students will learn how to use the potter's wheel and basic throwing techniques to create forms, such as bowls, mugs, teapots, mosque dishes, and other ceramic art forms.

Course Objectives:

"The student will..."

- learn how to record glaze recipes, prepare and apply techniques to a variety of different projects.
- know the concepts and practices for kiln use, such as firing theory, oxidation and the process for stacking pottery in the kiln.

**Three Dimensional Art**

Course #: 0713  
Prerequisite: Drawing  
Class Fee: \$25 - To be paid the first week of the semester.  
(This includes pottery clay, glazes, and pottery tools for ceramic projects.)

Course Description:

This art class is a general introduction to the 3D areas of art. Students will work with the 3d art forms--sculpture. Materials used will be clay, slip, and plaster. Art history, slides, and terms will also be given. Students need to bring a towel and an old shirt or an apron to wear over good clothes. This is due the first Friday of class. Projects are subject to change.

Course Objectives:

"The student will..."

- apply design principles and assemble 3D projects.
- use various materials for specific projects.
- develop aesthetic value when constructing art projects.
- study art history of sculpture through slides.



## BUSINESS

No.	Course	Semester	Credit	Open To
0530	Introduction to Business, Marketing & Management	Semester	1	9 – 12
0502	Information Technology I	Semester	1	9
0503	Information Technology II	Semester	1	10 - 12
0507	Marketing	Semester	2	10 – 12
0509	Accounting I	Full Year	2	10 – 12
0510	Advanced Accounting	Full Year	2	11 – 12
0516	Web Design	Semester	1	11 – 12
0517	Intro to Digital Design	Semester	1	10 – 12
0523	Digital Media	Semester	1	10 - 12
0513	Business Law I*	Semester	1	11 – 12
0524	Management & Leadership	Semester	1	10 - 12
0522	Marketing II	Semester	1	10 - 12
0525	Entrepreneurship & Leadership	Semester	1	10 – 12
0261	Personal Finance	Semester	1	9 – 12
0445	Economics*	Semester	1	11 – 12
0470	GoPlatteview	Year	2	11-12

Courses identified by \* may be used to satisfy the Social Science requirement for graduation. A student may use only one of the above listed courses as a course used to satisfy one of the eight semester Social Science requirements & only one of the Math requirements for graduation. The course Personal Finance will meet the mathematics requirement for the class of 2016.

COURSES RECOMMENDED by the Business Department

	General Business	Information Technology	Finance/Accounting
Freshmen	Introduction to Business Information Technology 1	Information Technology 1	
Sophomore	Introduction to Business Marketing 1 Entrepreneurship & Leadership Management & Leadership Information Technology II & II	Information Technology II Intro to Digital Design Digital Media	Accounting* Information Technology II
Junior	Marketing Marketing II Personal & Business Law I Economics	Information Technology I Intro to Digital Design Digital Media Web Design Go Platteview	Accounting* Advanced Accounting Personal Finance Information Technology II
Senior	Marketing Marketing II Personal & Business Law I Economics Cooperative Education Information Technology II & III	Information Technology I Intro to Digital Design Digital Media Web Design Cooperative Education Go Platteview	Accounting* Advanced Accounting Personal Finance Information Technology II Cooperative Education

\*Sophomores have prerequisites in order to register for this class.

[Click here to view a full list of Nebraska Career Programs of Study available at Platteview.](#)

**Accounting**

Course #: 0509

Prerequisite: Sophomores are required to complete Algebra I with a minimum of a 2 grade, (open to all Juniors and Seniors)

Career Cluster: Business Management & Administration

Course Description:

Beginning accounting provides an understanding of the basic principles of the double-entry accounting system both manually and computerized. It's a comprehensive introduction to basic financial accounting including recording, summarizing and reporting, principles of income measurement and asset valuation and accounting systems and controls. Students will study the accounting cycle for a sole proprietorship operating as a service business and a corporation operating as a merchandise business. Partnership accounting will be addressed.

Course Outcomes:

The Students will be able to:

- complete the various steps of the accounting cycle and will be able to explain the purpose of each step.
- determine the value of assets, liabilities, and owner's equity according to generally accepted accounting principles, explaining when and why they are used.

- prepare, interpret, and analyze financial records using manual and computerized systems for service and merchandising businesses.
- apply appropriate accounting principles to various forms of ownership and to specialized accounting procedures including payroll taxes, checking, uncollectible accounts, plant asset and depreciation, promissory notes and accruals.
- understand basic business computations. They will demonstrate competency by performing calculations when processing financial documents and making business transactions.

### **Advanced Accounting**

Course #: 0510

Prerequisite: Accounting I

Career Cluster: Business Management & Administration

#### Course Description:

Advanced Accounting is designed to help students build on their 1st year of Accounting and acquire additional knowledge of accounting procedures and techniques for use on a future job or in college business courses. Students have the opportunity to develop proficiency in recording, analyzing, interpreting, and reporting data, both computerized and manually. Students successfully completing this course may be able to receive advance placement at some colleges and universities.

#### Course Outcomes:

The students will be able to:

- understand accounting principles and procedures. They will demonstrate competency by preparing, maintaining, and interpreting accounting records.
- understand the use of financial principles in making personal and business decisions. They will demonstrate competency by applying the appropriate accounting concepts and principles.
- understand and apply basic business computations. They will demonstrate competency by performing calculations when processing financial document and when making business transactions.
- apply appropriate accounting principles to various forms of ownership and to specialized accounting procedures.

### **Business Law**

Course #: 0513

Career Cluster: Business Management & Administration

#### Course Description:

Business Law I offers students a basic understanding of the legal rights and responsibilities necessary to be informed citizens, consumers, employees and employers in the American economic system. The course teaches students about their legal rights/responsibilities are and how to protect their legal rights and to recognize the legal implications of a variety of situations as they arise in day to day life.

#### Course Outcomes:

Students will be able to..

- understand the legal rights and responsibilities relevant to personal and business practices.
- demonstrate competency by analyzing and applying personal and business law.
- identify sources of public and private agencies that assist and protect individuals and businesses.
- describe the basic elements, requirements, and obligations for an enforceable contract.
- explore career opportunities available in the field of law.
- discuss the ethical responsibilities of individuals and society.
- become familiar with the principal areas of government regulation of personal and business activities.
- become familiar with laws that protect individual and organizational rights.

## **Digital Media**

Course #: 0523  
Offered: Spring Semester  
Prerequisite: Intro to Digital Design  
Career Cluster: Marketing, Information Technology, Arts-A/V Tech & Communications

### Course Description:

Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

### Course Outcomes:

Students will be able to..

- explore digital technologies and web and digital communications career opportunities.
- create and edit images and graphics.
- plan, produce, edit, and publish digital audio.
- plan, produce, edit, and publish animations.
- plan, capture, gather, edit, and produce a multimedia-rich video project.
- understand human, cultural, and societal issues related to technology, and practice legal and ethical behavior.

## **Entrepreneurship and Leadership**

Course #: 0525  
Career Cluster: Business Management & Administration

### Course Description:

This course is designed to provide basic theory of business organization for an entrepreneur. The course gives a general overview of national and international business and the social and economic environments of business. It emphasizes the basic concepts of leadership within the business organization, characteristics of this, and operation of business and a major sector of the economy. Students will gain exposure to opportunities in entrepreneurship. Students will investigate products and services for the small business, including location, layouts and communication. They will create a business plan, as well as, learn how to target potential customers.

### Course Outcomes:

The students will be able to:

- identify and provide examples of the basic forms of business ownership.
- research various successful entrepreneurial ventures.
- evaluate the history and development of a successful entrepreneurial venture
- identify and evaluate the methods of entering an entrepreneurial venture.
- describe the processes, strategies, and systems implemented to guide daily business operations.
- complete a business plan and presentation
- apply talents and strengths to explore new business opportunities within an existing organization.

## **Economics**

Course # 0445

Career Cluster: Business-Management-Administration, Finance, Marketing & Sales (important for all clusters)

### Course Description:

This one semester course will explore economic principles in order to make wise decisions relating to personal financial affairs, the successful operation of organizations, and the economic activities of our country. Students will develop an understanding of our economic system and other systems existing in the world today.

### Course Outcomes

The students will be able to:

- identify the types of resources used to produce goods and services, and the types of businesses that operate in markets.
- understand the roles of supply and demand in a market and how they work together to achieve the market equilibrium.
- understand the role of incentives, specialization, gains from trade, and competition in a market economy.
- begin to understand the role of economic institutions, money, and interest rates in an economy.

## **GoPlatteview**

Course #: 0470

Prerequisite: Web Design is recommended

Career Cluster: Information Technology, Arts, A/V Tech.-Communications, Marketing-Sales

### Course Description:

GoPlatteview is for the student who would like to experience the day to day operation of updating and maintaining a web site. Students are expected to update schedules and results of activities, write short stories, photograph and edit pictures for web use. GoPlatteview.com is a public website that posts PHS activity schedules and results. Short news stories are also written by students to add interest and depth to the results posted on the web site.

### Course Outcomes

The students will be able to:

- have an understanding of the daily tasks needed to update and edit a public web site.
- write short articles about current events.
- understand the importance of daily deadlines

## **Information Technology I**

Course #: 0502

Career Cluster: Information Technology

### Course Description:

This one semester computer software course will prepare students to use word processing, spreadsheet applications, introduction to database, electronic presentations, manage computer operations and electronic file storage. Careers and ethical issues are discussed through the development of job application letters, resumes, and application forms. Students will demonstrate professional communication skills and practices while learning the software, as well as, cyber citizenship. The student will also continue to work and update their Personal Learning Plan.

### Course Outcomes

The students will be able to:

- demonstrate knowledge in Microsoft Windows 2011 for Mac, Word processing, PowerPoint, and Excel.
- demonstrate using these applications in Google Drive and IWork pages, numbers and keynote.

- demonstrate the job application process, this includes but not limited to creating and updating resumes, application or cover letters and job application forms.
- show understanding of the Nebraska Career Connections website and complete a Personal Learning Plan, take tests on career assessment and personal inventory.
- demonstrate knowledge of job interviewing.

### **Information Technology II**

Course #: 0503

Prerequisite: Information Technology I

Career Cluster: Finance, Business-Management-Administration, Marketing-Sales, Science-Tech.-Engineering-Math

#### Course Description:

This is an excellent course for all students interested in a business or accounting career. This one semester course will cover applications in Microsoft Office Suite and apply them to simulated business situations. Skills will be developed in advanced word processing and spreadsheet applications, database and electronic presentation software. Students will develop skills in desktop publishing, including page layout and formatting, and web page development by creating and editing web pages. This course will provide the opportunity for students to test out of the University of Nebraska at Lincoln's, College of Business Administration, computer software requirement.

#### Course Outcomes:

- Students will be able to produce documents with word processing and spreadsheet applications, database and electronic presentation software for use in accounting and finance departments.

### **Introduction to Business, Marketing and Management**

Course #: 0530

Career Cluster: Business Management & Administration

#### Course Description:

Introduction to Business is designed to provide an understanding of the role of the consumer and business person in today's high technological society. The course provides a basis for further study in business, as well as, offering useful and practical aspects of living for all students. It is designed to help students become wiser consumers, good citizens, and efficient employees while contributing to the development of their total economic understanding.

#### Course Outcomes

The students will be able to:

- demonstrate the ability to discuss basic principles of economics and how economic decisions affect individuals, businesses, countries and international competition.
- demonstrate the ability to describe various forms of business ownership and organization, the role and work of management and how to undertake career planning.
- demonstrate an understanding of specialized operations areas of business (marketing, financial management, production and risk management) and how technology affects these operations.
- demonstrate knowledge concerning personal business skills including consumer buying, money management, banking, consumer credit, saving and investing, and insurance.

## **Introduction to Digital Design**

Course #: 0517

Career Cluster: Marketing-Sales, Information Technology

### Course Description:

Students will develop skills in a variety of software applications to produce and edit publications and projects including, but not limited to business documents, brochures and programs, editing photos, pictures, and movies. Proper use of copyrighted materials will also be discussed. Career opportunities will also be explored.

### Course Outcomes:

- Students will understand color and page layout for a variety of business documents and brochures.
- Students will develop an understanding of business to client relationships when creating products for customers.
- Students will be able to use a variety of picture editing techniques to enhance pictures and photos.
- Students will understand the basics of creating an electronic career portfolio.
- Students will understand the use of copyrighted materials.

## **Management and Leadership**

Course #: 0524

Career Cluster: Business Management and Administration

### Course Description:

This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

### Course Outcomes:

- Students will recognize the importance of business management and the role of managers as it relates to the success of business.
- Students will understand the tools, techniques, and systems that businesses use to plan, staff, lead, and organize resources.
- Students will analyze management functions and their implementation and integration within the business environment.
- Students will employ leadership skills to achieve workplace objectives.
- Students will develop personal management skills (emotional intelligence) to function effectively and efficiently in a business environment.

## **Marketing I**

Course #: 0507

Career Cluster: Business Management & Administration

### Course Description:

This course involves the process of identifying and meeting the needs of today's consumer through marketing. This class provides the principles of economics and fundamentals of marketing. Units of study include world economics, communication skills, advertising, displays, consumer behavior, personal selling, product development, and entrepreneurship. The course involves a combination of lecture, discussion, case studies, projects and applications. Marketing provides preparation for students in the world of work and/or at college.

## Course Outcomes

The students will be able to:

- understand the employment opportunities related to marketing careers in a free enterprise economy and identify opportunities in the field of marketing.
- describe the nature and scope of marketing information management, emphasizing the importance of market research.
- apply the basic elements of the marketing mix (product/service planning, place, price, and promotion) to business situations.
- describe the importance of physical distribution, inventory control, financial controls and risk management to making money in a business environment.
- understand the role and importance of advertising, publicity, sales promotion, and personal selling in a business environment.
- understand the primary purposes of purchasing and their relationship to the marketing mix and profitability.

## Marketing II

Course #: 0522

Prerequisite: Marketing I

Career Cluster: Business Management & Administration

### Course Description:

This course focuses on the in-depth study of the marketing functions in actual business and economic situations. Emphasis is placed on the application of promotions, economics, mathematics, technology, decision making/critical thinking and management techniques. The course involves a combination of lecture, discussion, case studies, projects and applications. Marketing provides preparation for students in the world and/or at college.

### Course Outcomes:

“The students will...”

- describe the importance of physical distribution, inventory control, financial controls and risk management to making money in a business environment.
- understand the role and importance of advertising, publicity, sales promotion, and personal selling in a business environment.
- understand the primary purposes of purchasing and their relationship to the marketing mix and profitability.
- understand the role of management techniques in business.

## Personal Finance

Course #: 0261

Prerequisite: None

Career Cluster: Finance

### Course Description:

This one semester course will guide students to discover new ways to maximize their earning potential, develop strategies for managing their resources, gain knowledge on how to become a wise consumer, gain experience in using banking services, explore skills for the wise use of credit, and gain insight into the different ways of investing money. The course will discuss the costs of living away from home for the first time. The students will learn how to compute and complete federal and state income tax forms.

### Course Outcomes

The students will be able to:

- demonstrate the ability to use personal financial planning techniques. These will include understanding the steps in the financial planning process, explaining the relationship between career planning and financial fulfillment, utilizing ways to assess their own personal financial situation and stress the importance of wise buying decisions.

- demonstrate the ability to describe types of services available to them to help them plan, manage, and save to help them reach personal financial goals. Students will become familiar with how to comparison shop among a variety of financial institutions, the role of credit in buying and also an understanding of the finances of housing.
- demonstrate an understanding of putting financial plans into action through investing. Students will demonstrate the ability to explain fundamental aspects of investing in stocks, bonds, mutual funds, real estate and other types of investments.
- demonstrate the ability to utilize strategies that will protect their financial resources through gaining knowledge of taxes, insurance, retirement and estate planning.

### **Web Design**

Course #: 0516

Prerequisite: Intro to Digital Design or Information Technology II with instructor permission.

Career Cluster: Information Technology, Marketing-Sales, Arts-A/V Tech.-Communications

#### Course Description:

Students will demonstrate knowledge of web design and languages. Web design software, Dreamweaver, will be utilized to create and develop web pages. The Adobe Suite software package will also be used to create projects for the use of web design, including Flash and Photoshop.

The creation and use of images, hyperlinks, tables, forms, and cascading style sheets are discussed and used in the development of web pages. Some projects from first semester (Intro to Digital Design) may also be incorporated into web design.

#### Course Outcomes

The students will be able to:

- have knowledge of a variety of options used to create web pages.
- demonstrate their ability to create/design a web page with the use of web designer software.
- be able to create a web page/site to use as a personal career portfolio.



## FAMILY & CONSUMER SCIENCE

No.	Course	Semester	Credit	Open To
0670	Foods 1	Semester	1	9-12
0672	Foods 2	Semester	1	10-12
0674	Clothing and Textiles	Semester	1	9-12
0676	Advanced Clothing and Textiles	Semester	1	9-12
0679	Family Relationships	Semester	1	11-12
0680	Child Development	Semester	1	11-12
0682	Culinary Arts	Semester Block	2	11-12
0686	Housing and Home Furnishings	Semester	1	9-12
0684	Nutrition	Semester	1	9-12

## **Advanced Clothing & Textiles**

Course #: 0676

Prerequisite: Clothing & Textiles

Class Fee: Varies. Students will purchase materials necessary to complete projects

### Course Description:

Advanced Clothing & Textiles allows students to continue understanding the knowledge and skills needed for clothing care, construction, and the clothing/fashion/textiles industry. Fashion history, fashion designers/entrepreneurs, the fashion industry, clothing redesign/recycle, fitting and alterations techniques, custom tailoring, fashion design, and apparel/accessories are topics covered in this course.

### Course Objectives

The students will be able to:

- understand the role apparel plays in their lives.
- examine how to make good decisions regarding clothing, apparel and textile selection.
- demonstrate construction techniques both basic and advanced.

## **Child Development**

Course #: 0680

### Course Description:

This course focuses on child development from infancy to age 6. The class topics uncovered in this course are child social development, emotional development, intellectual development, physical development, health and safety of a child, guiding children's behavior, supporting children's developmental milestones, planning learning activities for children, childcare settings, and exploration of careers in early childhood/family life education. Parenting skills will be integrated throughout each level of development. Influences on parenting, decisions to parent, family planning, conception, prenatal development, healthy pregnancy, birth, care of the newborn are topics that will also be covered.

### Course Objectives

The students will be able to:

- define family, children, parenting.
- identify methods of family planning.
- analyze conception.
- simplify prenatal development and pregnancy.
- analyze childbirth.
- describe and demonstrate basic infant care.
- summarize infant social, emotional, physical and intellectual development.
- summarize toddler social, emotional, physical and intellectual development.
- summarize pre-school social, emotional, physical and intellectual development.
- summarize school age social, emotional, physical and intellectual development.

## **Clothing & Textiles**

Course #: 0674

Class Fee: Varies. Students will purchase materials necessary to complete projects.

### Course Description:

Clothing & Textiles allows students to understand the knowledge and skills needed for clothing care, construction, and the clothing/fashion/textiles industry. Topics covered in this course include, trends in clothing, understanding color & design, fabric construction and finishes, construction techniques, and garment construction.

### Course Objectives

The students will be able to:

- understand the role apparel plays in their lives.
- examine how to make good decisions regarding clothing, apparel and textile selection.
- demonstrate construction techniques.

## **Family Relationships**

Course #: 0679

### Course Description:

The course includes the study of interpersonal relationships and the effect of these relationships on the well-being of individuals, families, work and society. The course includes concepts such as effective communication, establishing and maintaining relationships, diverse family systems, characteristics of personal development and the impact of relationships on personal and career success. Other topics may include the impact of children in the families, parenting responsibilities, conception & birth, growing older and death. Students will apply these concepts through service towards the school, family, community, and world.

### Course Objectives

The Students will be able to:

- describe your personality and how personality work together.
- define family.
- identify the roles and responsibilities of family members.
- analyze combinations within singles, friends and families.
- interpret couple relationships.
- explain the impact of children on families.
- describe basic parenting responsibilities.
- analyze conception, prenatal development and birth.
- justify death and dying (growing older).
- infer family management techniques.

## **Foods I**

Course #: 0670

Class Fee: \$10

Prerequisite: Nutrition

### Course Description:

Foods I allows students to understand the knowledge and skills for foundational food preparation and food science. This course covers food and kitchen safety, kitchen equipment, preparation techniques, cooking methods, and food preparation of foundational foods such as fruits and vegetables, meat and poultry, breads and desserts and eggs and cheese.

### Course Objectives

The students will be able to:

- demonstrate nutrition and wellness practices that enhance individual and family well-being in regards to food choices, food safety and food preparation.
- integrate knowledge, skills and practices required for careers in food sciences, food technology, dietetics and nutrition.
- demonstrate cookery, cooking methods and preparation techniques of various food items
- demonstrate food and kitchen safety practices.
- identify kitchen equipment and correctly demonstrate usage.

## **Foods II**

Course #: 0672

Prerequisite: Nutrition & Foods1

Class Fee: \$10

### Course Description:

Foods II allows students to continue understanding the knowledge and skills for food preparation and food science. The course offers food preparation techniques, cooking methods, meal planning, and careers within the food industry. Topics covered in Foods 2 are more complex and require students to use knowledge gained in Foods 1 to prepare various food products including, but not limited to: desserts, casseroles, salads, soups, pizzas, and sandwiches. Food entrepreneurship and innovation are additional possibilities to explore if time permits.

### Course Objectives

The students will be able to:

- demonstrate nutrition and wellness practices that enhance individual and family wellbeing in regards to food choices, food safety and food preparation.
- integrate knowledge, skills and practices required for careers in food sciences, food technology, dietetics and nutrition.
- demonstrate cookery, cooking methods and preparation techniques of various food items.
- demonstrate food and kitchen safety practices.
- identify kitchen equipment and correctly demonstrate usage.

## **Housing & Home Furnishings**

Course #: 0686

### Course Description:

Housing and Home Furnishings equips students with the knowledge and skills necessary in selecting/planning living environments to meet the needs and wants of individuals and families throughout the family life cycle. Economic, social, cultural, technological, environmental, maintenance, and aesthetic factors are examined throughout the course. Housing styles, ownership options, housing issues, elements and principles of design, trends in housing, interiors, furniture, and appliances, landscaping, remodeling/renovating, and exploration of housing-related careers are all topics covered during the course.

### Course Objectives

The students will be able to:

- integrate knowledge, skills and practices required for (careers) designing housing, interiors and furnishings.
- identify housing trends.
- demonstrate elements and principles of design concepts. (including color)
- create sample boards.
- analyze traffic patterns and floor plans.
- define housing and homes.
- understand basic home construction and landscaping practices.
- identify needs of an individual or family and apply housing applications.

## **Nutrition**

Course #: 0684

### Course Description:

Nutrition focuses on you and the ever changing world of food. It will prepare individuals for living on their own in terms of eating, purchasing and keeping food safe, as well as, lay a good foundation for working in the kitchen in Foods 1 and 2. This course covers a wide variety of food topics including the importance of food in our lives, the food supply, nutrition, MyPlate, the current USDA dietary guidelines, serving sizes, food labels and product information, eating patterns, meal planning, shopping for food and wise food consumerism, and food safety.

### Course Objectives

The students will be able to:

- identify the importance of food in our lives.
- analyze the food supply.
- assess nutrition of foods.
- evaluate the current USDA food guidance system and Dietary Guidelines.
- discuss present and past food serving sizes.
- summarize the food nutrition label and other product information.
- analyze eating patterns.
- build a meal plan.
- justify food consumerism and shopping for food.
- outline and practice proper food safety measures in the kitchen.



## HONORS PROGRAMS

No.	Course	Semester	Credit	Open To
0015	Honors Independent Study	Semester	Variable	9-12

### Honors Independent Study

Course #: 0015

Prerequisite: Identified member of the high ability program, or permission from the instructor.

This course offers students an opportunity to pursue a course of study in an area of high interest not offered as a course at Platteview High School. Students will work on an independent area of study for elective credit. Projects can be chosen in virtually any area from literature to computers to music. Students must have taken all courses in the subject area prior to Honors independent Study. Projects will be approved by the counselor and persons with expertise asked to be mentors. Projects can be chosen for one semester or one year in duration. Only one Honors Independent Study course may be taken per semester. Students will meet on a regular basis with the facilitator to discuss the project goals, procedures, and results. Up to one credit per semester may be earned.

## University of Nebraska-Lincoln Advanced Scholars Program

Designed as a partnership linking University of Nebraska–Lincoln (UNL) with high schools, the Advanced Scholars program enables schools to offer qualified high school juniors, seniors and high-ability students the opportunity to enroll in online UNL courses for college credit. High school students stay academically challenged and prepare for the rigorous coursework they’ll experience upon arriving on campus. A hallmark of the program is that the online courses are taught by the University’s renowned faculty.

All Advanced Scholars courses are regular first-year offerings from the various colleges within UNL. The course syllabi, textbooks, assignments and grading practices are the same as those used by the faculty for on-campus classes. Students who register and successfully complete UNL Advanced Scholars online courses earn college credit, verified by an official UNL transcript. Advanced Scholars coursework can be completed online during the regular school day.

For information on course offerings, dates and deadlines, how to enroll, or to answer any questions you may have, visit the Advanced Scholars’ website at [advancedscholars.unl.edu](http://advancedscholars.unl.edu) or stop by the Counselor’s Office for assistance in gaining more information.

Listed are the current course offerings:

<p><b>Arts &amp; Humanities</b>            Clothing and Human Behavior (TXCD 123)            Introduction to Art History (AHIS 101)            Judaism, Christianity and Islam (RELG 181)            Visual Literacy: Art &amp; Design (ARCH/LARC/IDES/TXCD 143)</p> <p><b>Business</b>            Business Computer Applications (BSAD 150)            Personal Finance (FINA 260)            Statistics (ECON 215)</p> <p><b>Math &amp; Science</b>            Animal Products (ASCI 210)            Biotechnology: Food, Health and Environment (AGRI 115)            Calculus for Managerial and Social Sciences (MATH 104)            Companion Animal Behavior (ASCI 271)            Earth's Natural Resources Systems (NRES 108)            Elements of Physics (PHYS 151)            Engineering Economy I (IMSE 206)            Fundamentals of Computer Science (CSCE 101)            Insect Biology (ENTO 115)            Introductory Astronomy (ASTR 103)            Nutrition, Exercise and Health (NUTR 100)            Oceanography (GEOL 109)            Plant Science (AGRO 131)            The Science of Food (CHEM/FDST/NUTR 131)</p>	<p><b>Social Science</b>            American History to 1877 (HIST 201)            American History since 1877 (HIST 202)            Fundamentals of Human Communication (COMM 109)            Human Development and the Family (CYAF 160)            International Relations (POLS 160)            Introduction to Anthropology (ANTH 110)            Introduction to Library Research (LIBR 110)            Introduction to Psychology (PSYC 181)            Introduction to Sociology (SOCL 101)            Introduction to Women's and Gender Studies (WMNS 101)            Principles of Mass Media (JOUR 101)            Life Skills for Success (CYAF 150)            Sociology of Crime (SOCL 209)            Strategies for Academic Success (EDPS 209)            Survey of Criminal Justice (CRIM 101)</p>
	<p>0941 Semester 1            0942 Semester 2</p>

# UNIVERSITY OF NEBRASKA HIGH SCHOOL VIRTUAL SCHOLARS

## Career & Technical Education

Business Communications  
Career Planning: Learning, Earning & Living  
Economics  
Entrepreneurship  
Ethics in the Workplace  
Everyday Etiquette  
Introduction to Technology  
Introduction to Web Design  
Introduction to Driving  
Office Practices  
Personal Finance & Economics  
Pre-Engineering  
Study Skills  
Winning in the Workplace

## English & Language Arts

AP English Literature & Composition 1  
Advanced Placement English Literature & Composition 2  
American Literature Studies  
Basic Expository Writing  
Basic Grammar  
Effective Reader Skills  
Effective Speech Communication  
Eleventh Grade English 1  
Eleventh Grade English 2  
Intermediate Grammar  
Multicultural Literature  
Ninth Grade English 1  
Ninth Grade English 2  
Short Stories  
Tenth Grade English 1  
Tenth Grade English 2  
Twelfth Grade English 1  
Twelfth Grade English 2  
Writing for Success

## Health & Physical Education

Health & Wellness  
Introduction to Health Care

## Mathematics

Advanced Algebra 1  
Advanced Algebra 2  
AP Calculus AB 1  
AP Calculus AB 2  
Basic Mathematics 1  
Basic Mathematics 2  
Business Math 1  
Business Math 2  
Financial Algebra  
First Year Algebra 1  
First Year Algebra 2  
General Mathematics 1  
General Mathematics 2  
Geometry 1  
Geometry 2  
Pre-Algebra 1  
Pre-Algebra 2  
Pre-Calculus 1  
Pre-Calculus 2  
Statistics & Probability

## Natural Science

AP Comparative Government & Politics  
AP Environmental Science  
American Government: Theories, Policies & Politics  
AP US History 1  
AP US History 2  
American Government: National Level  
American History 1  
American History 2  
Astronomy  
Biology 1  
Biology 2  
Chemistry 1  
Chemistry 2  
International Relations  
Ocean Biology  
Physical & Earth Science 1  
Physical & Earth Science 2  
Physics 1  
Physics 2  
Psychology  
Science of Health  
Science of Nutrition

## Sociology

World Cultures 1  
World Cultures 2  
World Geography 1  
World Geography 2  
World History 1  
World History 2  
Visual & Performing Arts  
Appreciating Art  
Beginning Piano 1  
Beginning Piano 2  
Digital & Film Photography  
Discovery Musics  
Elements of Drawing  
Exploring Visual Design  
Introduction to Film Studies  
Music Theory

## World Languages

AP French Language & Culture  
French 1  
French 2  
French 3  
French 4  
Latin 1  
Latin 2  
Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4



## INDUSTRIAL TECHNOLOGY

No.	Course	Semester	Credit	Open To
0603	Introduction to Industrial Communication & Design	Semester	1	9-12
0605	Manufacturing Metals	Semester	1	10-12
0606	Advanced Manufacturing Metals	Semester	1	10-12
0607	Manufacturing Woods	Semester	1	10-12
0608	Advanced Manufacturing Woods	Semester	1	10-12
0616	Design and Fabrication	Semester	1	12
0617	Advanced Engineering Concepts	Full Year	2	11-12
0618	Residential Architectural Drafting	Semester	1	10-12
0619	Technical Drafting	Semester	1	10-12
0627	Principles of Electricity & Industrial Technology	Semester	1	10-12
0637	Construction Technology	Full Year Block	4	11-12

## **Advanced Engineering Concepts**

Course#: 0617

Length: Full Year

Prerequisite: Technical Drafting or Residential Architectural Drafting

### Course Description:

An advanced course designed to develop (1) visual thinking concepts including geometric shapes, form and scale (2) design/drawing concepts including presentation work (3) rendering concepts including line, color, shade and shadows and (4) computer generated modeling. Classroom procedures and activities are designed to prepare the student for industrial/mechanical and civil engineering.

## **Advanced Manufacturing Metals**

Course#: 0606

Length: Semester

Prerequisite: Successful completion of intro to Industrial Communication & Design, Manufacturing Metals

Class Fee: \$45

### Course Description:

In this course, students will gain more experience in the metals shop. Areas of study will include: material selection, proper use of equipment, proper design and production techniques, and proper finishing techniques. Students will complete advanced metal fabrication projects and learn the importance of design and planning.

### Course Objectives

"The student will..."

- become familiar with materials used in the manufacture of goods.
- demonstrate proper equipment techniques and safety considerations.
- complete sketches and drawings of a product design.
- show ability to set up, operate, and produce jigs and fixtures for a production run.

## **Advanced Manufacturing Woods**

Course#: 0608

Length: Semester

Prerequisite: Successful completion of Industrial communication & design, and Manufacturing Woods

Class Fee: \$85

### Course Description

In this course, students will gain more experience in the carpentry shop. Areas of study will include: material selection, proper use of equipment, proper design and production techniques, and proper finishing techniques. Students will complete advanced carpentry projects and learn the importance of design and planning.

### Course Objectives

"The student will..."

- become familiar with materials used in the manufacture of goods.
- demonstrate proper equipment techniques and safety considerations.
- complete sketches and drawings of a product design.
- show ability to set up, operate, and produce jigs and fixtures for a production run.
- participate in production runs, showing the ability to move from job to job.

## **Construction Technology**

Course#: 0637

Length: Full Year/2 Periods

Prerequisite: Drivers License

Successful completion of Intro to Industrial communication & design, Manufacturing Woods and Advanced Manufacturing Woods

### Course Description:

This course is designed for the student pursuing a career as a construction professional. Technical skills are combined with planning and management topics to prepare the student for all stages of a project. This course explores opportunities and career pathways within the residential, commercial, and industrial sectors, and walks the student through the planning, execution, and reporting of a project. Students will master project setup (estimating, scheduling and planning), safety awareness, applying construction materials and techniques, and developing their own professional career goals.

## **Design and Fabrication**

Course#: 0616

Length: Full Year

Prerequisite: Successful completion of Intro to Industrial Communication and Design, Manufacturing Woods, Advanced Manufacturing Woods, Manufacturing Metals, and Advanced Manufacturing Metals.

Class Fee: Pay for projects prior to beginning of the project

### Course Description:

Design and Fabrication is a continuation of Advanced Manufacturing Woods and Metals ; in this course students are allowed to build any project that meets instructor's approval. Students will gain more experience in the area of wood, metal, and plastic material processing, and common manufacturing skills. Each student will be required to supply materials for the projects they build and a pair of safety glasses.

### Course Objectives

"The student will..."

- become familiar with materials used in the manufacture of goods.
- demonstrate proper equipment techniques and safety considerations.
- complete sketches and drawings of a product design.

## **Introduction to Industrial Communication & Design**

Course#: 0603

Length: Semester

### Course Description:

This course explores the skills and techniques used for a beginning student in the area of drafting. The student will become aware of drawing practices used in the construction and manufacturing industries. This course serves as an introductory course to drafting and material processing courses.

## **Manufacturing Metals**

Course#: 0605

Length: Semester

Class Fee: \$45

Prerequisite: Successful completion of Introduction to Industrial communication & design

### Course Description:

Manufacturing Metals is an introductory course dealing with the materials, processes, and equipment used in the areas of manufacturing and construction. Students will complete activities concerning metal, and plastic products. Students will learn proper use of portable power and stationary power equipment, and fabrication techniques used in these areas.

### Course Objectives

"The student will..."

- be familiar with processes used in manufacturing and construction.
- list common materials used in metal and plastic products.
- outline common production processes used on metal and plastic.
- operate common power equipment safely and efficiently.
- fabricate products using metal and plastic.

## **Manufacturing Woods**

Course#: 0607

Length: Semester

Class Fee: \$30

Prerequisite: Successful completion of Introduction to Industrial Communication & Design

### Course Description:

Manufacturing Woods is an introductory course dealing with the materials, processes, and equipment used in the areas of manufacturing and construction. Students will complete activities concerning basic materials used in the carpentry shop and learn the proper use of portable power and stationary power equipment.

### Course Objectives

"The student will..."

- be familiar with processes used in manufacturing and construction.
- list common materials used in wood products.
- outline common production processes used on wood.
- operate common power equipment safely and efficiently.
- fabricate carpentry project using proper design and production techniques.

## **Residential Architectural Drafting**

Course#: 0618

Length: Semester

Prerequisite: Successful completion of Introduction to Industrial Communication & Design

### Course Description:

In this class, the students will create residential architectural working drawings, using CAD, necessary for a standard building permit. With hands-on exercises, assignments and projects, students gain the capability to use CAD to model a house project and create and distribute industry-standard drawings.

## **Technical Drafting**

Course#: 0619

Length: Semester

Prerequisite: Successful completion of Introduction to Industrial Communication & Design

### Course Description:

In this course, students will complete more complex drawings dealing with two and three view projections, section, auxiliary, pictorial, and surface developments. Isometric assembly drawings, plus the practical application of the procedures are studied. Additional study of detail drawings is included. Students gain the capability to use CAD to model projects and create and distribute industry-standard drawings.



## LANGUAGE ARTS

No.	Course	Semester	Credit	Open To
0002	English 9	Full Year	2	9
0003	Honors English 9	Full Year	2	9
0011	English 10	Full Year	2	10
0012	Honors English 10	Full Year	2	10
0017	English 11	Full Year	2	11
0018	Honors English 11	Full Year	2	11
	English 12	Full Year	2	12
0026	Advanced Placement English	Full Year	2	12
0030	Speech	Semester	1	10-12
0032	Journalism I	Semester	1	9-12
0033	Photography	Semester	1	9-12
0034	Yearbook	Full Year	2	10- 12
0035	Journalism II	Full Year	2	10-12
0036	Drama	Semester	1	9-12

Classes that are weighted in their final mark point average are in **bold**.

## Advanced Placement English

Course #: 0026  
Length: Full Year  
Prerequisite: Completion of the Summer Reading assignments  
Class Fee: \$82+ for taking the AP Exam in the spring

### Course Description:

This college level course requires a strong background in reading and writing. The students will study poetry, prose, and drama from various countries and time periods. Students will experience a strong emphasis on writing. Timed in-class writings and out-of-class essay writings will afford students the opportunities to improve their skills. Student-led Socratic Seminar-style discussions will also comprise key elements of the course.

Students will also read two books during the summer and complete an essay response over these readings upon their return to school in the fall. Students will have choice among the summer offerings during a spring meeting and the teacher will communicate with them during the summer.

Students are encouraged to take the AP Literature and Composition exam in the spring which could earn them three hours college English credit if they score a four or five, depending on the colleges they plan to attend.

### Course Objectives:

"The student will..."

- complete a sound, critical analysis of a designated work of literature (written and oral).
- apply textual, historical, social, and biographical criticism to designated works.
- improve the organizational and mechanical aspects of writing.
- organize and write a concise, sound, timed essay response to a given literary question.
- be prepared to take the standardized AP test in May.
- improve critical thinking and writing skills.
- know and apply the six traits of writing.
- study one author in depth, write analyses of this author's work, and present a final performance/writing.

## Drama

Course #: 0036  
Length: Semester

### Course Description:

This course is designed to aid the student in developing communication skills through dramatic performance. During the course the student will understand, appreciate, and perform drama.

Students will be required to supply the following supplies: Black pants (yoga or stretch for girls, slacks or jeans for boys), black tank top (for girls), solid black t-shirt (for boys), black eyeliner & mascara (for boys and girls), black socks, and black shoes (soft soles, for boys and girls).

### Course Objectives

"The student will..."

- interpret dramatic literature and poetry.
- prepare, rehearse, and perform dramatic scenes.
- be exposed to the various stagecraft techniques used to create drama.
- view and evaluate drama.

## English 9

Course #: 0002  
Length: Full Year

### Course Description:

The curriculum in this course is designed to broaden your literary knowledge, deepen your thinking about important topics, develop your communication skills, connect your learning to other classes, and give you multiple opportunities to work with a variety of people on different tasks.

### Course Objectives

"The student will..."

- write expository essays.
- improve spelling and vocabulary skills.
- improve composition skills—including grammar, punctuation, and capitalization.
- know and apply the six traits of writing.
- study various genres in literature, including, non-fiction, fiction, poetry, plays, short stories and novels.
- identify the basic elements of literature.
- comprehend and analyze literature.
- practice and apply skills in oral communication.
- use library resources for assignment research.
- use and apply listening skills.

## English 10

Course #: 0011  
Length: Full Year  
Prerequisite: Recommendation of the English Department.

### Course Description:

In this course you will read short stories and novels, autobiographies and other types of nonfiction, poems, and plays. The works come from a broad range of time periods and cultures. As you read and analyze the literature, you will become more skilled interpreters of literature and the world in which we live.

In addition to reading, you will be writing expository, narrative, and persuasive essays, as well as, stories and poems. In journals, you will also have opportunity to express yourself informally; your journals will serve as a record of your growth and development as writers and thinkers during your sophomore year. We will not, of course, neglect grammar study and vocabulary development.

### Course Objectives

"The student will..."

- apply accepted grammatical rules to essays.
- apply rules of punctuation and capitalization.
- define and explain (through literature analysis) plots, characterization, setting, conflict, theme, and point of view.
- share (through discussions and writing) a personal response to literature.
- develop the ability to read a literature selection and then analyze it in a written essay.
- improve spelling and vocabulary skills.
- improve organization and note taking skills.
- improve critical thinking and writing skills.
- apply the writing process in composition.
- know the six traits of writing.

## English 11

Course #: 0017  
Length: Full Year

### Course Description:

In English 11, we will read various forms of literature, including pieces which reflect America's unique cultural history. We will develop our understanding of the process of inquiry by investigating this literature, including novels, short stories, poems and essays. This material will supplement our exploration of various writing modes including the methods of argument and persuasive writing.

### Course Objectives

"The student will..."

- identify historical and philosophical ideas in periods of American literature.
- improve reading strategies through an understanding of literary techniques.
- use the writing process (focus on persuasive language and appeals).
- apply the six traits to writing.
- research influences on texts.
- think and write critically, sometimes within a timed situation.
- write from his/her own experience, as well as, from research.
- improve the use of correct grammar, punctuation, and spelling.

## English 12

Course #:  
Length: Full Year

### Course Description:

This course challenges students to become versatile readers, skillful writers, and independent thinkers. Students will investigate the traditional genres of literature: novels, short stories, poems, and essays. Also, students will explore a variety of ways to write, and delve into methods of argument and persuasion.

### Course Objectives

"The students will..."

- construct knowledge about the texts they read, hear, and see.
- communicate what they learn with well-supported arguments.
- connect what they read and write to the world around them.
- choose the focus of what they study as well as the means of demonstrating mastery of what they learn.

## Honors English 9

Course #: 0003  
Length: Full Year  
Prerequisite: Recommendation of the English Department.

### Course Description:

Honors English 9 is designed to challenge students who have demonstrated high level English skills in previous grades through standardized testing, in-class assessments, and teacher observation. The class will accelerate the objective stated for English 9. Creative and analytical writing will be stressed. The focus will be on enriching students' reading, writing, speaking, listening, and research skills. All units include elements of reading, writing, speaking, listening, research and critical thinking.

### Course Objectives

"The student will at an accelerated and enriching level,"

- write expository essays.
- improve spelling and vocabulary skills.
- improve composition skills—including grammar, punctuation, and capitalization.
- know and apply the six traits of writing.
- study various genres in literature, including, non-fiction, fiction, poetry, plays, short stories and novels.
- identify the basic elements of literature.
- comprehend and analyze literature.

- practice and apply skills in oral communication.
- use library resources for assignment research.
- use and apply listening skills.

### **Honors English 10**

Course #: 0012  
Length: Full Year

#### Course Description:

In this course you will read short stories and novels, autobiographies and other types of nonfiction, poems, and plays. The works come from a broad range of time periods and cultures. As you read and analyze the literature, you will become more skilled interpreters of literature and the world in which we live.

In addition to reading, you will be writing expository, narrative, and persuasive essays, as well as, stories and poems. In journals, you will also have opportunity to express yourself informally; your journals will serve as a record of your growth and development as writers and thinkers during your sophomore year. We will not, of course, neglect grammar study and vocabulary development. The course will read more challenging texts and move at a more accelerated pace than English 10.

#### Course Objectives

"The student will..."

- develop reading, writing, and speaking vocabularies.
- define and apply literary terms and genres.
- pursue independent research projects.
- respond to literature on a personal level through writing and discussion.
- discuss literary works on all levels of Bloom's taxonomy.
- improve use of conventions in writing.
- know the six traits of writing.
- write persuasive and analytical essays in literary contexts: theme, character, plot; point of view, setting, and other venues.
- read recreationally.

### **Honors English 11**

Course #: 0018  
Length: Full Year

#### Course Description:

In Honors English 11, we will incorporate a survey of literature of the United States from the 1600s to the present, including novels, short stories, poetry and plays, and focused instruction of advanced writing techniques, including research skills, responsive forms and an emphasis on the methods of argument and persuasion. Literature emphasizing the major authors and philosophies, which comprise our cultural heritage, will be discussed, evaluated and used as the basis for written projects. Research instruction and writing will incorporate information literacy standards and both APA and MLA citation forms.

#### Course Objectives

"The student will..."

- identify and relate historical and philosophical ideas to the periods of American literature.
- identify various genre in American literature.
- identify characteristics of the American people from literature.
- develop information literacy skills.
- improve skills in organizing, researching, and writing a research paper.
- complete detailed research papers with bibliography, and parenthetical notes.
- improve vocabulary and spelling skills.
- apply the six traits of writing.
- improve critical thinking and writing skills.

## **Journalism I**

Course #: 0032

Length: Semester

Prerequisite: Recommended that students have a "2" average in English courses or permission of the instructor.

Course Objectives:

"The student will..."

- understand why journalism principles (law, ethics, freedom of the press, etc.) are important.
- develop interview techniques to compile a story.
- learn how to count and write a headline.
- learn to write a news story.
- learn editing techniques.
- distinguish fact from opinion.
- learn to design newspaper layouts.
- know the importance of advertising.
- interview subjects and write stories for the school newspaper.
- edit and design the paper.
- sell advertising for the paper.

## **Journalism II (Newspaper)**

Course #: 0035

Length: Full Year

Prerequisite: Journalism I

Course Description:

Journalism II will utilize Journalism I skills to produce the school newspaper, THE CHARIOTEER, on Macintosh computers in a desk top publishing format. (The school paper is put out every three to four weeks.)

Course Objectives:

"The student will..."

- write and edit news stories.
- write and edit feature stories.
- write and edit sports stories.
- write and edit editorials.
- design and layout pages.
- paste-up copy, headlines, and ads.
- design and paste-up advertisements.

## **Photography**

Course #: 0033

Length: Semester

Prerequisite: Student should have access to a 35mm single lens reflex camera and purchase their own film.

Class Fee: \$20

Course Description:

Photography will introduce the basics of taking pictures with a 35mm single lens reflex camera, and explore basic darkroom techniques. Top students will be given the opportunity to become a yearbook or newspaper photographer.

Course Objectives:

"The student will..."

- understand the parts of a 35mm camera and their function.
- understand the role of lighting and shutter speed in taking pictures.
- develop a working knowledge of film developing and printing.
- understand the principles behind mixing film speeds, shutter speeds, and aperture to produce commercial photographs.
- experiment with various darkroom techniques to produce commercial quality photographic prints.

**Speech**

Course #: 0030  
Length: Semester

**Course Description:**

This course is designed to aid the student in developing communication skills through public speaking. The course provides a sound personal and public speaking foundation.

**Course Objectives:**

"The student will..."

- identify the elements of personal and public communication.
- understand the importance of and improve, listening skills.
- learn about and apply discussion techniques in a group situation.
- improve speech writing skills; this includes outlining and research.
- complete different types of speeches, including a final persuasive speech with a bibliography.

**Yearbook**

Course #: 0034  
Length: Full Year

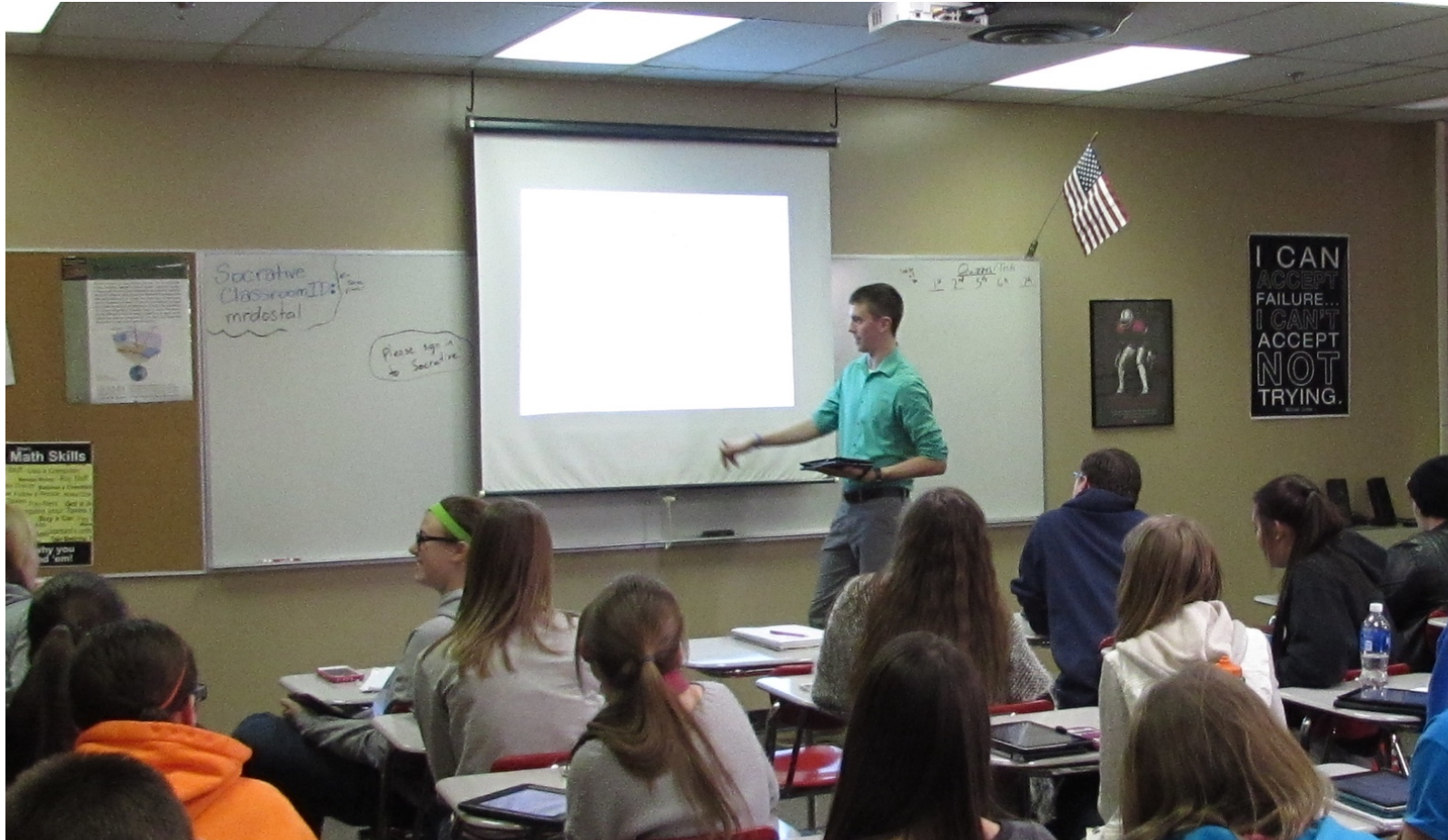
**Course Description:**

The yearbook staff will design, layout, write, fund, and promote the school annual.

**Course Objectives:**

"The student will..."

- learn to layout a yearbook page on the Macintosh computer.
- sell advertising to help fund the yearbook (book sales included).
- meet all deadlines set forth by the publishers.
- write feature articles.



## MATHEMATICS

No.	Course	Semester	Credit	Open To
0215	Algebra 1	Full Year	2	9-12
0214	Integrated Geometry	Full Year	2	10-12
0221	Geometry	Full Year	2	9-12
0225	Introduction to Statistics	Semester	1	11-12
0231	Algebra 2	Full Year	2	9-12
0232	Algebra 2: Concepts and Skills	Full Year	2	11-12
0241	Advanced Math**	Full Year	2	10-12
0251	Advanced Placement Calculus**	Full Year	2	11-12

- Classes that are weighted in their final mark point average are in **bold**.
- A student wishing to take two math courses (Geometry/Algebra II) may do so by meeting the following requirements: full year study hall, above the 75th percentile on the MAP Mathematics test, and earning grade of no less than a 2.
- Students who take Algebra 1 in the 8th grade will receive high school credit for the course as well as have it be calculated in their cumulative GPA.

### **Advanced Math\*\***

Course #: 0241  
Length: Full Year  
Prerequisite: Algebra 2/Recommendation of Math Department  
Class Fee: First Semester is College Algebra (MATH 1420)  
Second Semester is Trigonometry (MATH 1430)  
"TBD by Metropolitan Community College if taking for Dual Enrollment"

#### Course Description

An introduction into higher mathematics including Trigonometry. The student will be introduced to analytical geometry, number theory, abstract algebra, probability, statistics, and calculus. A graphing calculator is strongly recommended for this class (TI-84+).

#### Course Objectives

"The student will..."

- solve and graph polynomial equations.
- know the trigonometric functions and identities.
- solve triangles and equations using trigonometry.
- identify, graph, compare, and contrast conic sections.
- work with exponential and logarithmic functions to perform mathematical operations and solve equations.
- understand arithmetic and geometric series and sequences.
- use sophisticated techniques to solve simple probability problems.
- linear algebra including cryptography.

### **Advanced Placement Calculus\*\***

Course #: 0251  
Length: Full Year  
Prerequisite: Advanced Math\*\*/Recommendation of Math Department  
Class Fee: \$72 for AP Test (if taken in May)  
Calculus I (MATH 2410)  
"TBD" by Metropolitan Community College if taking for Dual Enrollment

Course Description: This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines, and conics). It is assumed that they have acquired a sound understanding of the theory of elementary functions. A graphing calculator is strongly recommended for this class (TI-84+).

#### Course Objectives

"The student will..."

- understand the concept of limits.
- demonstrate a working knowledge of derivatives.
- possess the skills necessary to integrate polynomial and transcendental equations.
- solve applications using the techniques of integration and differentiation.

### **Algebra 1**

Course #: 0215  
Length: Full Year

#### Course Description:

This course is designed to help the student understand the basic structure of algebra and the real number system, recognize the techniques of algebra as reflections of this structure, acquire skill in applying algebraic concepts, perceive the role of deductive reasoning in algebra and appreciate the need for precision in language. A scientific calculator is recommended for this class. Note: Students who take Algebra 1 in the 8th grade will receive high school credit for the course as well as have it be calculated in their cumulative GPA.

## Course Objectives

"The student will..."

- develop understanding of and proficiency with signed numbers.
- understand the basic properties and definitions of algebra.
- be able to simplify algebraic expressions.
- recognize, develop, solve, and graph linear equations and inequalities with one or two variables.
- be able to simplify, factor, and solve equations with polynomials.

## Algebra 2

Course #: 0231

Length: Full Year

Prerequisite: Geometry/Recommendation of Math Department/Successful Completion of Algebra 2: Concepts and Skills

### Course Description:

A modern, integrated course dealing with intermediate algebra. The student will work with various number systems. The student will study polynomial functions, logarithms, absolute values, and exponential functions. A scientific calculator is recommended for this class.

## Course Objectives

"The student will..."

- recognize, develop, solve, and graph linear equations and inequalities with one, two, or three variables.
- simplify, factor, and solve equations with polynomials.
- solve equations involving radicals or rational exponents.
- understand and use the complex number system.
- solve equations in the quadratic form.
- factor higher degree polynomials.
- solve problems using logarithms.
- introduced to probability.

## Algebra 2: Concepts & Skills

Course #: 0232

Length: Full Year

Prerequisite: Integrated Geometry/Recommendation of Math Department

### Course Description:

The student will review Algebra 1 skills while exploring the basic Algebra 2 concepts. The student will work with various number systems. The student will study polynomial functions, logarithms, absolute values, and exponential functions. A scientific calculator is recommended for this class.

## Course Objectives

"The student will..."

- recognize, develop, solve, and graph linear equations and inequalities with one, two, or three variables.
- simplify, factor, and solve equations with polynomials.
- solve equations involving radicals or rational exponents.
- understand and use the complex number system.
- solve equations in the quadratic form.
- factor higher degree polynomials.
- solve problems using logarithms.
- introduced to probability.

## Geometry

Course #: 0221

Length: Full Year

Prerequisite: Recommended that student have a grade of 3 or above in Algebra 1/Recommendation of Math Department

### Course Description:

The student will develop some knowledge of deductive and inductive reasoning. He/She will use this knowledge in the discovery and comparison of common properties as well as differing properties of various geometric figures. Formal proofs will be emphasized during the first semester. A scientific calculator is recommended for this class..

### Course Objectives

"The student will..."

- understand the fundamental defined and undefined terms.
- apply inductive and deductive reasoning in geometric situations.
- write a formal geometric proof.
- recognize and work with various geometric figures, including parallel lines, polygons, and circles.
- find the measurements associated with one, two, and three dimensional geometric figures.

## Integrated Geometry

Course #: 0214

Length: Full Year

Prerequisite: Algebra 1 - Recommended for students who have passed Algebra 1 with a 4.

### Course Description:

The student will be reviewing Algebra 1 skills while integrating basic geometry concepts and standards. These concepts will be introduced with the help of many hands-on activities and projects. A scientific calculator is recommended for this class.

### Course Objectives:

"The student will..."

- use algebra skills to solve geometric problems.
- graph functions and geometric figures on a coordinate plane.
- calculate area of 2-dimensional figures.
- understand the relationship between similar polygons.
- use if/then statements to formulate a conclusion.
- calculate surface area and volume of 3-dimensional figures.

## Introduction to Statistics

Course #: 0225

Length: Semester

Prerequisite: Algebra 2 or Algebra 2 concurrently

Class Fee: 3 credit hours tuition to the University of Nebraska-Omaha; rate is reduced and is based upon the Board of Regents

### Course Description –

This course is designed for students to gain familiarity with basic statistical concepts and analysis. Topics to be discussed include: review of central tendency, probability, normal distributions, estimates and sample sizes, hypothesis testing, and variance. Technological resources will be utilized throughout this course. Therefore, a graphing calculator is strongly encouraged (TI-84+).

### Course Objectives –

"The student will ..."

- solidify understanding of central tendency measures
- understand the basics of probability; including normalizing the data
- choose the right size for a sample
- understand the 'p value' for hypothesis testing



## MUSIC

<u>No.</u>	<u>Course</u>	<u>Semester</u>	<u>Credit</u>	<u>Open To</u>
0742	Concert Choir	Full Year	2	9-12
0763	Varsity Band	Full Year	2	9-12
0745	Music Theory	Semester	1	9-12

### **Concert Choir**

Course #: 0742

Class Fee: \$15

#### Course Description:

Concert Choir is an elective course for high school singers who have successfully completed the choir audition requirements. In addition to a variety of school and community concerts, the choir will compete at the district music contest and other appropriate events throughout the school year. The choir will initiate and sponsor a major musical production each year. Members of the concert choir are also eligible to audition for swing choir.

#### Course Objectives

"The student will..."

- develop an understanding of music history.
- interpret and experience various styles of music.
- develop proper vocal production with regard to tone, blend, enunciation, and breath control.
- improve sight reading and ear training skills.
- develop proficiency in part singing.
- develop self-confidence and poise through individual and group performance.
- develop responsibility and teamwork within a large group setting.

### **Music Theory**

Course #: 0745

Class Fee: \$30

#### Course Description:

This course is intended for those high school students who are interested in more in depth study of the mechanical fundamentals of music. Students would use a guided text to move at a somewhat independent pace. Computer theory tools would be employed, as well as, the study of simple arranging practices using hand and computer notation.

### **Varsity Band**

Course #: 0763

Textbook: Individual Band Sheet Music

Prerequisite: Private Audition

Class Fee: Uniform Rental - \$25.00

Instrumental Rental - \$75.00 (for school instruments only)

#### Course Description:

Varsity band is available to those high school students who have successfully completed the band audition requirements. Members of the high school band perform at all home football and basketball games and march in field competition. During first quarter, the marching band meets at 7:00 a.m. three days each week. Band members also perform in concert competition throughout the school year. Personnel from the varsity band are selected for the Jazz Ensemble to perform at various school activities and community functions. Additional small groups and soloists are selected to perform at the district music contest. The band takes one major, out-of-state trip every four years.

#### Course Objectives

"The student will..."

- demonstrate involvement in and respond to personal aesthetic experiences in music.
- develop the ability to think, feel, and act creatively with music materials.
- develop manipulative and organizational skills in the performance of band literature.
- develop an understanding of the evolution of music through performance and conducting of music from different eras.
- help promote school spirit at assemblies and sporting events.
- develop basic marching skills through participation in various marching drill designs.
- demonstrate skills in tone production, breath control, and musical styling.



## PHYSICAL EDUCATION

No.	Course	Semester	Credit	Open To
0810	Physical Education 9	Semester	1	9
0811	Health	Semester	1	10-12
0812	Advanced Health	Semester	1	10-12
0830	Lifetime Sports	Semester	1	10-12
	Lifetime Fitness	Semester	1	10-12
0840	Weight Conditioning	Semester	1	9-12
0841	Advanced Weight Conditioning	Semester	1	10-12

## **Advanced Health**

Course #: 0811

Prerequisite: Health

Length: Semester

### Course Description:

Advanced Health is a semester class for any student in grades 11-12 who has successfully completed Health. The course content will include various topics as follows: Managing Stress, Mental and Emotional Problems, Peer Relationships, Violence Prevention, Prenatal Development and Birth, Adolescence and the Life Cycle.

### Course Objectives

"The student will..."

- describe internal and external physical changes that occur with aging.
- define nutrition and discuss the importance of a healthful diet.
- understand communicable and non-communicable diseases.
- understand heart diseases and cancer.
- identify and describe the components of consumer health.

## **Advanced Weight Conditioning**

Course #: 0841

Prerequisite: PE 840 with grade of 2 or better and instructor approval.

Length: Semester

### Course Description

Use of weight lifting, stretching, and running to improve body structure. We use various lifting methods to explore the different muscle groups. Continued mastery of various basic lifts as well as an introduction into advanced lifting methods and techniques. Increased awareness of total body fitness and benefits of physical activity. Workout scheduling and program design are also included.

### Course Objectives

"The student will..."

- understand and follow weight room safety.
- develop speed, quickness, agility, flexibility and coordination through stretching and conditioning.
- increase muscular strength, power and endurance through a variety of weight training.
- develop increased cardiovascular endurance.
- demonstrate an improvement of upper and lower body strength through periodic testing.
- understand and demonstrate the proper and safe spotting techniques.
- understand the different muscle groups and the affect each lift has on them.

## **Health 10**

Course #: 0811

Length: Semester

### Course Description:

Health is designed to make students aware of various aspects of life relating to health. The course content will include the following topics: Managing Weight and Body Composition, Achieving Good Mental Health, Fad diets, Tobacco Use, Peer Relationships, Alcohol, Sexually Transmitted Infections, Non-communicable Diseases and Disabilities, and First Aid and Emergencies.

### Course Objectives

"The student will..."

- understand basic health concepts.
- understand the social drugs and how they affect the body.
- study major body systems and how they function.
- demonstrate basic C.P.R. tasks.

## **Lifetime Fitness**

Course #:

Prerequisite: PE 9

Length: Semester

### Course Description:

The Fitness class is designed to help students participate in low-impact fitness activities that develop cardiovascular fitness, muscle toning, and flexibility. Students will understand the importance of these elements of fitness and be able to structure their own workouts designed to improve their individual fitness levels. In class plan on getting a good workout in for 35-40 minutes. Heart rate will be at a working level the entire class.

Yoga, Pilates, cardio kickboxing, running workouts, aerobics, core workouts, and cardio strength training will make up the workouts. Stability balls, elastic bands, medicine balls, free weights, and cardiovascular machines are equipment used for this class. Student focus will be on physical activity that provides opportunities for enjoyment, challenge, self-expressions and social interactions.

### Course Objectives:

"The Student will..."

- be required to track their cardiovascular improvement based on heart rate monitoring and strength gains through journaling.
- Practice proper goal setting and nutrition logging.
- learn all 5 elements of fitness and why they are important to overall fitness and health.
- learn basics of yoga, aerobic fitness, cardio kickboxing, pilates, and circuit training.
- be able to understand life time fitness is important to overall well being.
- understand different vocabulary associated with fitness.
- understand proper form, technique, and safety measures for each fitness activity.
- the difference between aerobic and anaerobic exercise.
- improve overall strength, cardiovascular endurance, and flexibility.

## **Lifetime Sports**

Course #: 0830

Length: Semester

### Course Description:

A class designed to cover sports and activities that each student will have the opportunity to participate in for a lifetime. Students will be assessed in areas of participation, performance on skill tests, and lifetime sports presentation.

### Course Objectives

"The student will..."

- demonstrate both individual and team concepts.
- choose a sport and create a presentation of a minimum 15 minutes that will be made to the class.
- learn and demonstrate rules in all individual and team competition.
- understand the importance of lifetime fitness.
- demonstrate positive relationships with peers in an activity setting.
- perform a series of physical fitness tests: Flexibility, Endurance, Cardiovascular Fitness, Strength, & Body Composition.
- participate appropriately in individual and group activities.

## **Physical Education 9**

Course #: 0810

Length: Semester

### Course Description:

Physical Education 9 is designed to develop leadership, sportsmanship, strength, coordination, speed, endurance, and skills through a variety of activities and sports.

### Course Objectives

"The student will..."

- perform advanced skills in team and individual sports.
- demonstrate and apply the knowledge of rules pertaining to team, individual, and dual sports.
- develop skills in "lifetime" sports.
- participate in a competitive sport's situation.
- perform a series of physical fitness tests.
- demonstrate running ability through a variety of cardiovascular activities
- develop a wholesome attitude toward continued participation in physical activities.

### Weight Conditioning

Course #: 0840

Length: Semester

### Course Description

Weight lifting, stretching, and running are used to improve body structure. Various lifting methods are used to explore the different muscle groups. An introductory class into basic lifting techniques and body structure improvement methods.

### Course Objectives

The students will be able to:

- understand and follow weight room safety.
- develop speed, quickness, agility, flexibility and coordination through stretching and conditioning.
- increase muscular strength, power and endurance through a variety of weight training.
- develop increased cardiovascular endurance.
- demonstrate an improvement of upper and lower body strength through periodic testing.
- understand and demonstrate the proper and safe spotting techniques.
- understand the different muscle groups and the affect each lift has on them.



## SCIENCE

No.	Course	Semester	Credit	Open to:
0321	Biology	Full Year	2	9-12
0322	Advanced Biology	Semester	1	11-12
	Applied Chemistry	Full Year	2	10-12
	Applied Physics	Full Year	2	10-12
0343	Physics	Full Year	2	11-12
0344	Chemistry	Full year	2	10-12
0349	Anatomy & Physiology	Semester	1	11-12
0354	Advanced Chemistry	Full Year	2	11-12

•Classes that are weighted in their final mark point average are in bold.

## Advanced Biology

Courses #: 0322

Length 1 semester

Textbook: Biology by Miller and Levine

Prerequisite: Students must have completed Biology and Chemistry (not Applied Chemistry) or Physics (or taking one concurrently).

### Course Description:

This course is designed for students interested in pursuing advanced work in biology. Topics covered include bacteria, protists, sponges, cnidarians, worms, arthropods, amphibians, and reptiles. Emphasis will be placed on the characteristics of each group including general anatomy and physiology. Daily activities include classroom lecture, discussions, note taking and laboratory investigation involving dissections.

### Course Objectives

"The student will..."

- study the cellular organization of life based on atoms, molecules, chemical reactions, and cell substances.
- study the processes of photosynthesis and cellular respiration in plant / animal cells.
- study the control of animal systems by the nervous and endocrine systems.
- study circulation, respiration, digestion, regulation of body temperature and body fluids, and reproduction in animals.
- understand current trends in animal behavior studies, emphasizing the role behavior plays on heredity and ecological adaptations of behavior.
- study the structural shape and functions of bacteria cells, emphasizing the pathogenic causes of diseases.
- identify different types of bacteria based on structure and diseases caused.
- study the development of plants, plant structures and systems.
- identify different plant types based on structures, proper classification and names of plants.

## Advanced Placement Chemistry

Course #: 0354

Textbook: Chemistry: The Central Science 12 edition Brown-LeMay

Length: Full Year

Prerequisite: Successfully completed Biology and a year of Chemistry (not Applied Chemistry)

### Course Description

This course is intended for students who have completed their first year of Chemistry and want to continue their preparation for college chemistry. Students who are strongly interested in Chemistry, or know that their future college major will require Chemistry, are highly encouraged to take this class.

### Course Objectives

"The student will..."

- investigate the flow of energy, how heat changes states, and how to calculate heat changes. (Thermochemistry)
- understand water properties and aqueous systems. (Water and Aqueous Solutions)
- study the properties of solutions, concentration of solutions, and colligative properties and their calculations. (Solutions)
- identify what effects the rate of reactions, explore reversible reactions and whether or not a reaction will occur, and calculate entropy and free energy. (Reaction Rates)
- be able to describe an acid and base, learn the acid/base theories, and determine the strength of an acid (Acids/Bases)
- investigate neutralization reactions and the formation of salts. (Neutralization)
- learn the meaning of oxidation and reduction, keep track of oxidation numbers, and how to balance a redox equation. (Oxidation/Reduction Reactions)
- discover how half-cells are used to calculate cell potential and electrical energy is produced by redox reactions. (Electrochemistry)
- study the different properties and uses of metals and nonmetals. (Metals and Nonmetals)
- learn how to name hydrocarbons and their isomers. (Hydrocarbon Compounds)
- study the mechanisms behind chemical reactions. (Kinetics)
- learn about how the atomic theory has changed through time, and the most current quantum properties of the atom. (Atomic Theory)

## **Anatomy & Physiology**

Course #: 0349

Textbook: Essentials of Human Anatomy and Physiology, 7th Edition

Length: 1 Semester

Prerequisite: Students must have completed Biology and Chemistry (not Applied Chemistry) or Physics (or taking one concurrently).

### Course Description:

This course is designed for students who plan on pursuing a health related area of study in college. The general area of study in this course is the structure and function of the human body. Topics include, but are not limited to: Anatomical Terminology, Cells and Tissues, the Skeletal System, the Muscular System, the Cardiovascular System, the Respiratory System, Nervous System and the Digestive system. Daily activities include classroom lecture, discussions, note taking and laboratory investigations including dissections.

### Course Objectives:

"The student will"

- distinguish between anatomy and physiology and learn how they are related.
- study anatomical terminology and relative body positions/ landmarks.
- identify cell types and tissue types seen in the human body.
- study the bones of the skeletal system, joints and types of movement produced in the human body.
- identify the major muscles and muscle groups of the human body, muscle movements and the process of producing muscle movement.
- study the major components of the cardiovascular system, the processes used to transport blood, blood components and structures of the heart.
- study the structure and function of the organs of the digestive system and the process of digestion.
- study the structure and function of the organs of the respiratory system and the process of respiration.
- study the structure and function of the organs of the nervous system
- study the senses of sight and hearing including the structure and function of the eyes, ears.

## **Applied Chemistry**

Course #:

Textbook: Pearson Physical Science by Wysession, Frank and Yancopoulos

Length: Full Year

Prerequisite: Must have completed Biology.

### Course Description:

Science is a system of knowledge and the methods you use to find that knowledge. This course is designed to introduce students to the most modern concepts and processes of Chemistry. The course covers matter, measurements, problem solving, atomic structure, chemical names and formulas. Daily activities include classroom lecture, note taking, discussion, and laboratory investigations.

### Course Objectives

"The student will..."

- investigate matter.
- investigate atomic structure.
- contrast the different types of atomic bonding.
- learn about lab safety, lab techniques, lab equipment, and lab instruments used in a typical chemistry setting.
- investigate the structures of both atoms and ions, as well as, how they form.
- study the characteristics of elements and the periodic table.
- learn how the periodic table is a vital resource for a chemist.

## Applied Physics

Course #:

Textbook: Pearson Physical Science by Wysession, Frank and Yancopoulos

Length: Full Year

Prerequisite: Must have completed Biology.

### Course Description:

This course is designed to introduce the concepts of physics to students. It emphasizes the physical world and the laws governing it. The course covers one and two dimensional motion, force, work and energy, momentum, magnetism, vibration and waves, electrical forces and fields, electrical energy, and electrical current/resistance.

### Course Objectives

"The student will..."

- study the relationships between displacement, time, velocity, acceleration, and forces in straight line and circular motion.
- study the concepts and relationships between work, energy, and power.
- study the behavior and properties of wave motion.
- study and understand the laws of physics.
- study the laws that govern the transfer of electrical charge and the electric fields that surround them..
- study the laws of magnetism.

## Biology

Course #: 0321

Length Full year

Textbook: Modern Biology, 5th Edition

Prerequisite: Successfully completed of Science 9  
Permission from the Science Department

### Course Description:

This course is designed to give students an introduction to various biology fields of study including scientific method, ecology, molecular biology, bioenergetics, cell biology, genetics, zoology, microbiology, evolution and behavior. Lab investigations will be used to help understand and interpret concepts and theories. Recent developments and bio-ethical issues will be used to stimulate student interest and involvement in life science.

### Course Objectives

"The student will..."

- recognize the scientific method as a logical problem solving strategy that applies to science, as well as, to everyday situations.
- understand the ecological relationships among living organisms and between living organisms and their environment.
- study energy, energy transformations, matter and recycling of matter as they relate to living organisms, ecosystems, and the biosphere.
- study cells, cell structure, cell function, and cell reproduction.
- study the chemistry of biological molecules as they relate to photosynthesis, cellular respiration and other metabolic processes.
- understand patterns of inheritance, DNA, RNA, protein synthesis, human genetics, genetic engineering, recombinant DNA and genetic disorders.
- study viruses, bacteria, protozoan's, and their importance in ecological relationships, as well as, disease-producing mechanisms.
- understand the theory of evolution as it relates to heredity and population genetics.
- study theories and patterns of plant and animal behavior.

## Chemistry

Course #: 0344

Textbook: Pearson Chemistry

### Course Description:

This course is designed for students who plan on entering college. It emphasizes chemical theories and an understanding of the periodic table. The course covers matter, measurements, problem solving, atomic structure, chemical names and formulas, chemical quantities, chemical reactions, stoichiometry, states of matter, behavior of gases, electrons, periodicity, and ionic and covalent bonding.

### Course Objectives

"The student will..."

- investigate what matter is and how to recognize a chemical reaction.
- learn about lab safety, lab techniques, lab equipment, and lab instruments used in a typical chemistry setting.
- know how to take scientific measurements and apply problem solving techniques to get answers.
- learn the process on how to name and write chemical formulas.
- recognize the difference between molecular and ionic compounds.
- apply the use of dimensional analysis to investigate mole-mass, mole-volume, and mole-particle relationships.
- identify types of chemical reactions and write their balanced formulas.
- use mathematical equations to understand the laws that govern gas behaviors
- investigate the structures of both atoms and ions, as well as, how they form.
- learn how the periodic table is a vital resource for a chemist.

## Physics

Course #: 0343

Textbook: Holt Physics

### Course Description:

This course is designed for students who plan on entering college. It emphasizes the physical world and the laws governing it. The course covers one and two dimensional motion, force, work and energy, momentum, rotational motion, vibration and waves, electrical forces and fields, electrical energy, and electrical current/resistance.

### Course Objectives

"The student will..."

- study the relationships between displacement, time, velocity, acceleration, and forces in straight line and circular motion.
- study the concepts and relationships between work, energy, and power.
- study the behavior and properties of wave motion.
- study and understand the laws of physics.
- study the laws that govern the transfer of electrical charge and the electric fields that surround them..
- study the laws of electrical circuits.



## SOCIAL SCIENCES

No.	Course	Semester	Credit	Open To
0410	World Geography	Semester	1	9
0411	Civics	Semester	1	9
0420	World History	Full Year	2	10
0430	US History	Full Year	2	11
0435	Advanced Placement Government	Semester	1	12
0440	U.S. Government	Semester	1	12
0448	Psychology I	Semester	1	11-12
0449	Social Problems	Semester	1	11-12
0450	Psychology II/AP	Semester	1	11-12
0451	Criminal Justice	Semester	1	11-12

- Economics and Business Law offered in the Business department will count as a graduation requirement for Social Science

## **Advanced Placement Government and Politics**

Course #: 0435  
Textbook: Wilson's American Government AP Edition  
Length: Semester  
Prerequisite: Permission from the instructor.  
Class Fee: Dual Credit option available for 3 credit hours through the University of Nebraska-Omaha.  
Rate is reduced and based upon the Board of Regents

### Course Description:

Advanced Placement Government and Politics is available to seniors desiring a more intensive college preparatory experience. The course will give students an analytical perspective on government and politics in the United States. Topics include: Constitutional Underpinnings, Political Beliefs and Behaviors, Political Parties-Interest Groups-Mass Media, Institutions of National Government, Public Policy, and Civil Rights and Civil Liberties.

### Course Objectives

"The student will "

- know important facts, concepts, and theories pertaining to U.S. government and politics
- understand typical patterns of political processes and behavior and their consequences.
- be able to analyze and interpret basic data relevant to U.S. government and politics.

## **US History**

Course #: 0430  
Textbook: The Americans  
Length: Full Year

### Course Description:

US History is required of all junior students. The course is designed to cover US History from 1877 through modern times. The intent is to provide a sequential look at the transformation of our country from an agrarian society to its current status as a world power.

### Course Objectives

"The student will..."

- gain an understanding of the facts that led to the United States emerging as a world power.
- understand the problems the United States faced while solidifying its status as a world power.
- understand the impact of the Cold War on the lives of Americans and the World.
- gain a greater appreciation for the U.S. economic and political systems, along with a sensitivity toward the various ethnic groups that make up our United States.

## **Criminal Justice**

Course #: 0451  
Textbook: Criminal Justice Today  
Length: Semester

### Course Description:

This course is designed to enlighten the student in the ways, means, and methods of the American Justice System, including ethics and law, the judicial system, civil and criminal procedure, with an emphasis on the evolution, and outcome of the unique justice system of our country.

### Course Objectives

"The student will..."

- develop an understanding of the ethics involved in a career in the criminal justice system.
- gain a clear understanding of the American Judicial System, and its inner workings.
- gain a clear understanding of the procedures necessary in the civil court system.
- gain a clear history and an understanding of the procedures, inner workings, and flaws of our Criminal Justice System.
- develop an understanding and a respect for the overall criminal Justice System of the United States, as well as, insight into possible careers within the confines of the Justice system.

## **Psychology I**

Course #: 0448  
Textbook: Psychology – Principles and Practice, Holt  
Length: Semester

### Course Description:

Psychology is the social science that studies the behavior of living organisms through the use of psychological experiments, readings, and experiences. The intent is to provide the student with a better understanding of the self. Psychology I is for students in grades 11-12 who have an interest in gaining an understanding of human behavior. This course studies what people do, how they think, and why they act as they do. Psychology I is for the more advanced student who is able to understand technical terminology and theories. This course is for the college-bound student. Psychology I is designed to prepare students for a wide variety of careers including: medicine, industry, education, counseling, research, as well as a general education base through the introduction and study of such careers.

### Course Objectives

"The student will..."

- describe the behavior sciences and tell the difference between social science and natural sciences.
- understand the major concepts of the various schools of thought and how they are related to human growth and development.
- understand the importance of heredity and environment in the development of the personality.
- be able to describe the differences between psychologists, psychiatrists, psychotherapists, and psychoanalysts.
- understand the physiological processes of the human body as they relate to behavior.
- be aware of various careers related to Psychology.
- understand and be able to describe the many ways in which Psychological data is collected.

## **Psychology II/Advanced Placement**

Course #: 0450  
Textbook: Psychology Concepts and Applications  
Length: Semester

### Course Description:

As a continuation of Psychology I, this course studies the behavior of living organisms based on concepts introduced in Psychology I. Psychology II is for the student looking to challenge themselves at an Advanced Placement level. Psychology II specifically focuses on the bases of behavior, learning, emotions, personality and various theories, mental illness, testing, and treatment methods. This course is for the student who is interested in preparing themselves further in the use of the social sciences. Psychology II is designed to introduce the student to various specialized careers in the Social Science areas.

### Course Objectives

"The student will..."

- understand how people learn and what intelligence consists of, areas of mental retardation, and the process of thinking.
- understand the relation of sensation, emotion, and motivation to behavior.
- describe and demonstrate a knowledge of personality theories.
- understand the causes of mental and behavioral disorders, relate various therapies to the disorders, and identify testing related to the disorders.
- gain preparation for the A.P. Psychology Exam through which students can gain college credit.

## **Social Problems**

Course #: 0449  
Textbook: N/A  
Length: Semester

### Course Description:

This course involves the process of studying current social problems in the world today covering topics such as criminal law, family law, and consumer law.

### Course Objectives

"The student will..."

- recognize problems in society as they relate to social science.
- realize the meaning of culture, the causes for cultural variations and conflicts, and the facts related to culture change.
- understand how people relate to one another in the various societal relationships including racism, discrimination, prejudice, social classism and gender roles.

### **Personal and Business Law**

Course #: 0518

Textbook: Understand Personal and Business Law

Length: Semester

#### Course Description:

Law for Personal and Business Use offer students a basic understanding of the legal rights and responsibilities necessary to be informed citizens, consumers, employees and employers in the American economic system. The course teaches students when their legal rights/responsibilities, and how to protect their legal rights and to recognize the legal implications of a variety of situations as they arise in day to day life.

### **U.S. Government**

Course #: 0440

Textbook: United States Government-Principles in Practice

Length: Semester

#### Course Description:

American Government is a survey study on the development and operation of our national government. The intent is to educate the student in the workings of our government and to foster a sense of civic pride and responsibility.

### Course Objectives

"The student will..."

- understand some of the basic problems faced by the authors of our constitution.
- acquire a better understanding of our rights as guaranteed by the constitution.
- associate current literature involving the government with our studies.

### **World Geography/Civics**

Course #: 0410 & 0411

Textbook: World Geography – Geography: Holt McDougal

Civics – Civics in Practice: Principles of Government and Economics- Holt McDougal

Length: Full Year

#### Course Description:

This course is a year long requirement that is divided into 1 semester of geography and 1 semester of civics. The world geography course is designed to introduce students to world cultures, geographic science, map skills, and other geographic studies. The civics course is designed to introduce students to the principles of American federal, state, and local governments, democracy, citizenship, and economic system.

### Course Objectives

"The student will..."

- demonstrate map reading skills.
- gain an understanding of world cultures and their impact historically and globally today.
- learn and use geographic science principles.
- understand the principles of American democracy, citizenship, and local, state, and federal governments.
- understand economic principles of capitalism, a free market, and free enterprise.

## **World History**

Course #: 0420

Textbook: World History-Patterns of Interaction

Length: Full Year

### Course Description:

This course is a survey style course, designed to familiarize the student, primarily through European studies, with the concepts of how mankind has advanced through the contemporary stages of societal development.

### Course Objectives

"The student will..."

- understand the changing needs of civilization that leads to the development of nation states.
- gain an understanding of the reasons behind revolutions and unification movements in Europe.
- understand that through changing technologies and ideologies the world becomes an international arena in the 20th century.
- become familiar with the key personalities of the different historical eras.



## WORK PLACE READINESS

No.	Course	Semester	Credit	Open To
0640	Cooperative Education	Semester	1	12
0641	Internship I	Semester	1	12
0647	Internship II	Semester	1	12

### **Cooperative Education/Work-Based Instruction**

Course #: 0640

Prerequisite: Permission of Instructor/Valid Driver's License

Career Cluster:

#### Course Description:

This one semester course is a program in which students are employed in a part-time job related to their chosen occupational interest area.

The student also must take part in a "related" class which studies subjects related to their "on-the-job experiences, problems, and needs. In order to successfully complete the requirements to earn a full credit, a student must complete 180 hours of work for each semester. Work hours must be verified by employers.

#### Course Outcomes:

- Students will understand the transition between school and job.
- Students will develop a career portfolio including career research report, personal resume, cover letters, and all related materials compiled during the Cooperative Education Course.
- Students will be able to apply for and properly conduct themselves during an interview process.
- Students will demonstrate the ability to understand the principles of good employee/employer relations and work environment.
- Students will develop an understanding of various types of insurance programs and purpose each is designed to serve.

### **Internship I**

Course #: 0641

Prerequisite: Senior Class Standing  
Enrolled in Cooperative Education  
Valid Driver's License

#### Course Description:

This one semester course, taken in conjunction with Cooperative education, in which students are employed in a part-time job related to their chosen occupational interest area. In order to successfully complete the requirements to earn a full credit, a student must complete 180 hours of work for the semester. Work hours must be verified by employers.

### **Internship II**

Course #: 0647

Prerequisite: Successful completion of Cooperative Education and Internship I.  
Permission of Instructor  
Valid Driver's License

#### Course Description:

This is a one semester course in which students are employed in a part-time job related to their chosen occupational interest area. In order to successfully complete the requirements to earn a full credit, a student must complete 180 hours of work for the semester. Work hours must be verified by employers.



## WORLD LANGUAGE

No.	Course	Semester	Credit	Open to:
0130	Spanish 1	Full Year	2	9-12
0131	Spanish 2	Full Year	2	9-12
0132	Spanish 3	Full Year	2	9-12
0133	Spanish 4	Full Year	2	9-12

## Spanish 1

Course #: 0130  
Length: Full Year  
Prerequisite: None

### Course Description:

At this level the main emphasis is placed on understanding and speaking. Less stress is placed on reading and writing, although these skills are included. Whenever possible, Spanish-speaking culture is incorporated into the course through various lessons and activities.

### Course Objectives

"The student will..."

- be able to use basic grammatical components.
- develop a limited, but workable vocabulary.
- discuss aspects of the Spanish culture.
- combine grammar and vocabulary to develop oral and written skills.

## Spanish 2

Course #: 0131  
Length: Full Year  
Prerequisite: Spanish 1

### Course Description:

Skills introduced in Spanish 1 are reviewed, reinforced and practiced. The stress is on listening and comprehension. More emphasis is placed on reading and writing than first year Spanish. Spanish-speaking cultural study is an important aspect of learning in this course. At the completion of this level, students should feel comfortable conversing and corresponding within the limits of their vocabulary and grammatical structures.

### Course Objectives

"The student will..."

- review and apply aspects of level one.
- expand upon grammatical aspects of the language.
- demonstrate the ability to compose writing samples.
- be able to converse in the present, past and basic future tenses.
- recognize and understand many of the differences/similarities between the cultures.

## Spanish 3

Course #: 0132  
Length: Full Year  
Prerequisite: Spanish 2

### Course Description:

Topics covered during the first two years of Spanish are reviewed, reinforced and practiced, and new concepts are introduced. All four areas of the language, including reading, writing, listening and speaking are incorporated into this level of study with an equal focus. More exploration of literature is included. Spanish-speaking countries are further explored.

### Course Objectives

"The student will..."

- review and apply concepts from first and second year.
- expand upon conversing in the present, past and future tenses.
- compare cultural values.
- develop advanced writing skills in Spanish.
- communicate in all aspects of the language at an advanced level.

## Spanish 4

Course #: 0133

Length: Full Year

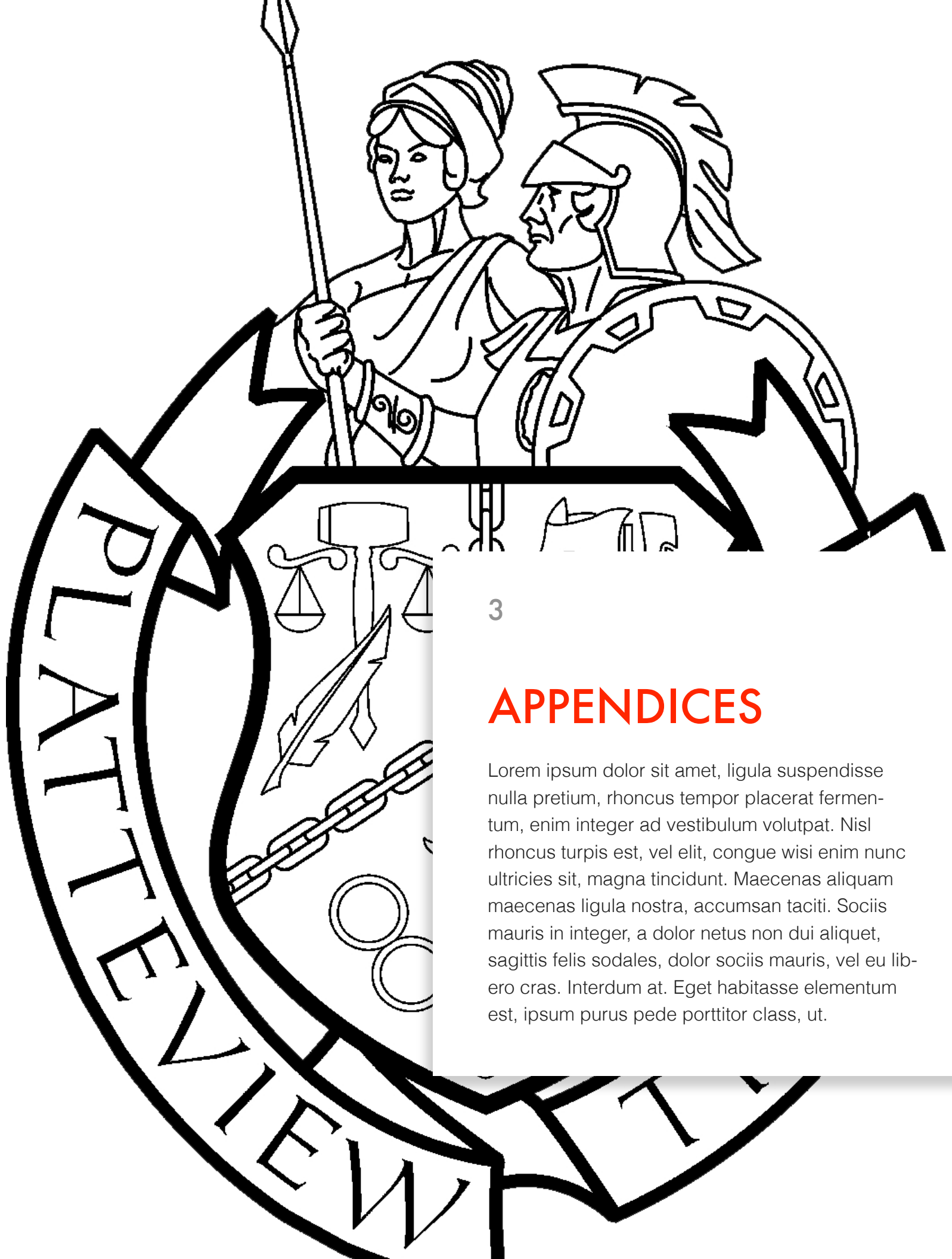
Prerequisite: Spanish 3

### Course Description:

The course is designed for the advanced language learner with more flexible offerings. Elementary skills should be proficient by this time. An overview of language structure will be reviewed and practiced. Other activities will include selected readings and advanced oral work in the form of presentations and conversations.

### Course Objectives "The student will..."

- review and apply concepts from first , second and third year.
- students will converse daily using a variety of grammatical structures and vocabulary.
- compare cultural values in an in-depth manner.
- develop advanced listening, reading and writing skills in Spanish.
- read cultural and authentic pieces at an advanced proficiency



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## APPENDICES

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# LIST OF COURSES BY CODE

## Advanced Scholars

- 0941 Advanced Scholars Semester 1
- 0942 Advanced Scholars Semester 2

## Art Department

- 0712 Commercial Design
- 0713 Three Dimensional Art
- 0714 Independent Art Study
- 0715 Drawing
- 0716 Painting
- 0717 Advanced Art
- 0718 Pottery

## Business Department

- 0261 Personal Finance
- 0445 Economics
- 0470 GoPlatteview
- 0501 Information Technology III
- 0502 Information Technology I
- 0503 Information Technology II
- 0507 Marketing
- 0509 Accounting I
- 0510 Advanced Accounting
- 0513 Business Law I
- 0516 Web Design
- 0517 fDigital Media
- 0518 Personal & Business Law
- 0522 Marketing 2
- 0524 Leadership & Entrepreneurship
- 0525 Leadership & Management
- 0530 Introduction to Business

## Family & Consumer Science

- 0670 Foods I
- 0672 Foods II
- 0674 Clothing & Textiles
- 0676 Advanced Clothing & Textiles
- 0679 Family Relationships
- 0680 Child Development
- 0686 Housing & Home Furnishings
- 0684 Sports & Family Nutrition

## Industrial Technology Department

- 0603 Introduction to Industrial Communications & Design
- 0605 Manufacturing Metals
- 0606 Advanced Manufacturing Metals
- 0607 Manufacturing Woods
- 0608 Advanced Manufacturing Woods
- 0616 Design & Fabrication
- 0617 Advanced Engineering Concepts
- 0618 Residential Architectural Drafting
- 0619 Technical Drafting
- 0627 Principles of Electricity & Industrial Technology
- 0637 Construction Technology

## Language Arts Department

- 0002 English 9
- 0003 Honors English 9
- 0011 English 10
- 0012 Honors English 10
- 0017 English 11
- 0018 Honors English 11
- English 12
- 0026 Advanced Placement English
- 0030 Speech
- 0032 Journalism I
- 0033 Photography
- 0034 Yearbook
- 0035 Journalism II
- 0036 Drama

## Mathematics Department

- 0241 Advanced Math\*\*
- 0251 Advanced Placement Calculus\*\*
- 0215 Algebra 1
- 0231 Algebra 2
- 0232 Algebra 2: Concepts & Skills
- 0221 Geometry
- 0214 Integrated Geometry
- 0225 Introduction to Statistics\*\*
- 0261 Personal Finance

## Music Department

- 0742 Concert Choir
- 0745 Music Theory
- 0763 Varsity Band

**Physical Education**

- 0810 Physical Education 9
- 0811 Health
- 0812 Advanced Health
- 0830 Lifetime Sports
- 0840 Weight Conditioning
- 0841 Advanced Weight Conditioning

**Science Department**

- 0321 Biology
- 0322 Advanced Biology
- Applied Chemistry
- Applied Physics
- 0343 Physics
- 0344 Chemistry
- 0349 Anatomy & Physiology
- 0354 Advanced Chemistry

**Social Science Department**

- 0410 World Geography
- 0411 Civics
- 0420 World History
- 0435 Advanced Placement Government \*\*
- 0430 US History
- 0440 U.S. Government
- 0448 Psychology I
- 0449 Social Problems
- 0450 Psychology II/AP
- 0451 Criminal Justice

**Work Place Readiness**

- 0640 Cooperative Education
- 0641 Internship I
- 0647 Internship II

**World Language Department**

- 0130 Spanish 1
- 0131 Spanish 2
- 0132 Spanish 3
- 0133 Spanish 4

\*\*Classes denoted with asterisks are dual credit options.

**Miscellaneous Codes**

- 0875 Teacher Aide
- 0981 Open Period 1 Semester 1 (Seniors)
- 0982 Open Period 1 Semester 2 (Seniors)
- 0983 Open Period 8 Semester 1 (Seniors)
- 0984 Open Period 8 Semester 2 (Seniors)
- 0990 Guided Study 9
- 0991 Guided Study 10
- 0995 Study Hall Semester 1
- 0996 Study Hall Semester 2



# TEACHER AIDE REQUEST



Student Name \_\_\_\_\_

Grade: \_\_\_\_\_ Class Period: \_\_\_\_\_

Study Hall Teacher: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Sponsoring Staff Member: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Guidelines:

- This is an agreement for one semester.
- Each teacher may have 1 teacher aide per semester, unless approved by an administrator.
- Teacher aides must maintain good grades and attendance throughout the semester. Students who are listed on the 4/5 list will return to study hall.
- Teacher aides may not access the sponsoring teacher's confidential files including entering grades in a grade book.
- Teacher aides may not use the computer designated for teacher use.
- Teacher aides should report and remain with their sponsoring teacher during the assigned class period.
- Teacher aides needing to move about the building will have a signed pass from their sponsoring teacher.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please return this form to the main office.





# REQUEST FOR SCHEDULE CHANGE

Second semester schedule changes will be made *ONLY* for one of the following reasons:

You ...

- need a particular class to meet a graduation requirement;
- failed to earn a credit in a class and you need or want to retake it;
- have more than one study hall and need to add a class;
- found a scheduling error that needs to be corrected.

Student schedules will not be changed in order to take a course with a different teacher or to move to a more preferred class section.

All drops and adds require a parent signature. If you are dropping a year-long class at the semester, you will need a parent signature, a teacher signature, and the Principal's signature.

Student Name: \_\_\_\_\_

Class to Drop: \_\_\_\_\_

Class to Add: \_\_\_\_\_

Reason for Schedule Change: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent contact phone number: \_\_\_\_\_

Teacher's Signature \_\_\_\_\_

(required when requesting to drop a year-long course at the semester)

Principal's Signature \_\_\_\_\_

*Schedule changes must be submitted to the School Counselor.*



# APPLICATION FOR EARLY GRADUATION



Date \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Credits Earned in Ninth Grade \_\_\_\_\_

Credits Earned in Tenth Grade \_\_\_\_\_

Credits Anticipated in Eleventh Grade \_\_\_\_\_

Credits Scheduled in Twelfth Grade \_\_\_\_\_

Total Anticipated Credits \_\_\_\_\_

Dear Parent:

Your child has requested early graduation. When a student completes graduation requirements and withdraws from school, they automatically becomes ineligible to participate in any school activities regulated by the Nebraska School Activities Association.

The only formal commencement exercise held at Platteview High School is in May of each school year and we encourage all eligible students to participate. This form is to be returned prior to or on June 1 of the summer preceding your child's senior academic year.



As a parent, I understand the nature of this request and I am executing the authorization for my child to graduate early.

\_\_\_\_\_  
Parent/Guardian Signature

This application has been evaluated and approved for early graduation.

\_\_\_\_\_  
Counselor

\_\_\_\_\_  
Principal

\_\_\_\_\_  
Date





## Registration Forms

All forms for Registration  
are available online:

<http://pfs.springfieldplatteview.org>

Click the School Resources tab

**2016-2017**  
**Curriculum Handbook**

**Changes from Previous Year**

General Information

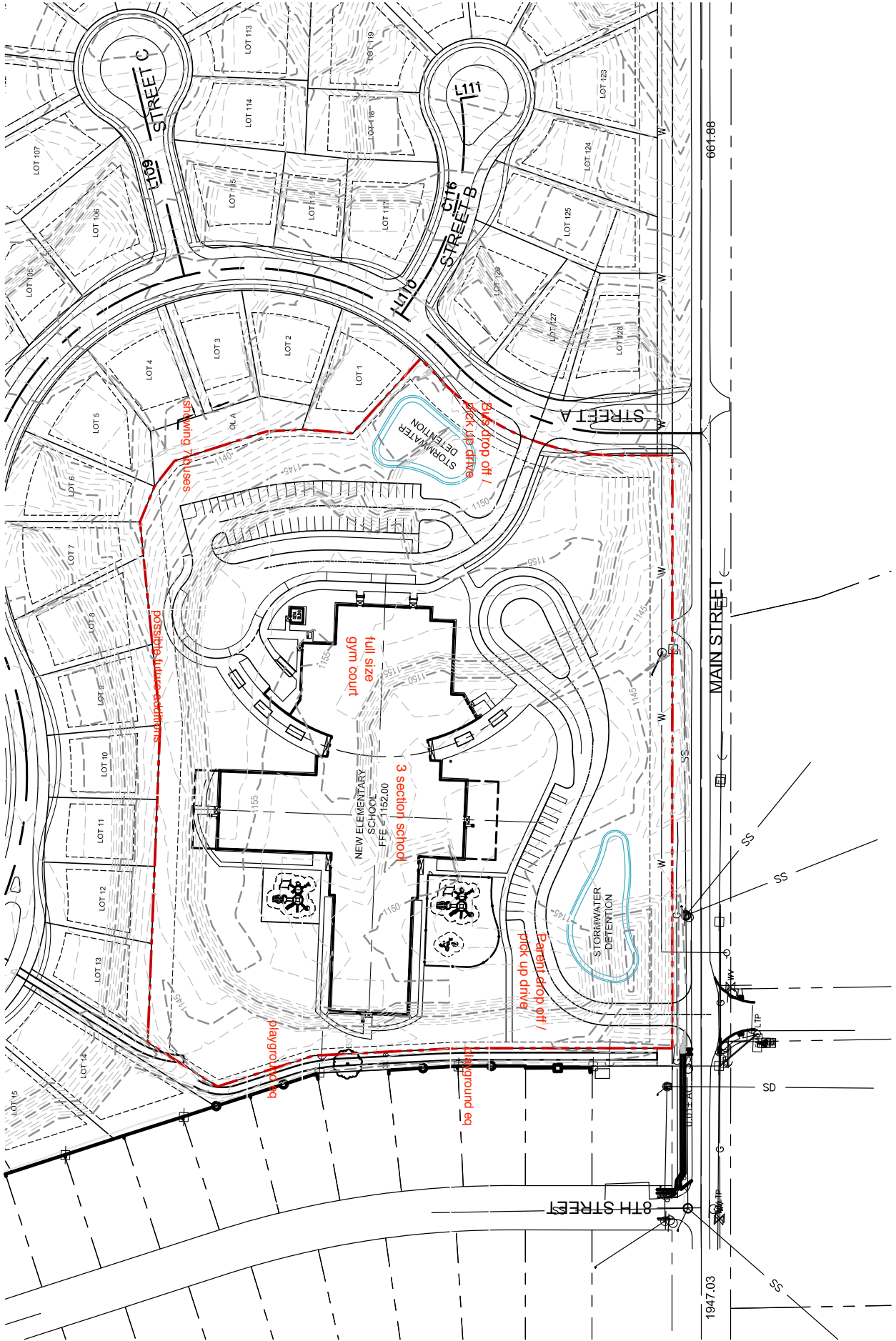
- Updated graduation requirements as all classes are now on the same graduation requirements after the class of 2016.
- Added the Class of 2020 to the Graduation paths
- Added the words “or similar honors courses” to the Language Arts requirements

Family and Consumer Science

- changed name of Sports and Family Nutrition to Nutrition

Science

- clarified prerequisites for Anatomy/Physiology





14801 South 108<sup>th</sup> St.  
Springfield, NE 68059  
Phone: 402-592-1300  
Fax: 402-597-8551

## Future Planning January 25, 2016

1. 1/27/16 Phi Delta Kappa Dinner and Program 5:30 PM Social, 6:15 PM Dinner and Program (Lori and Brett as of now)
2. 1/31/16 NASB- Legislative Workshop- Lincoln
3. 2/1/16 Legislative (cont.), Advocacy, Budget and Finance Workshops- Lincoln
4. 2/8/16 Regular Board Meeting 7 PM; Site 6 PM, Finance 6:30 PM
5. 2/10-11/16 Parent-Teacher Conferences
6. 2/22/16 Board Work Session 7 PM
7. 3/7/16 Special Board Mtg. to award construction contract 6 PM
8. 3/14/16 Regular Board Meeting 7 PM; Policy 6 PM, Finance 6:30 PM
9. 3/15/16 NASB- Judge and Jury Workshop/ Lincoln 5:15 PM to 9 PM
10. 3/20/16 Foundation Board Meeting 7:30 AM
11. 3/28/16 Board Work Session 7 PM