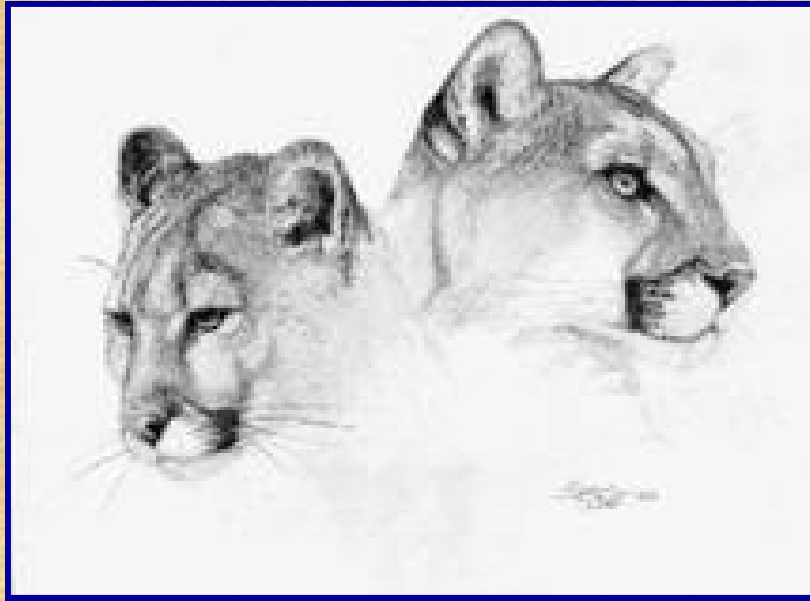


New Prairie High School



2012 - 2013 Curriculum Guide

A “High Schools That Work” Site

ADMINISTRATION & OFFICE STAFF

			<u>Extension #</u>
Mr. Ingram	Principal		70254
Mr. Brandon	Assistant Principal		70292
Mr. Williamson	Athletic Director	70263	
Mrs. Deutscher	Secretary/Registrar		70262
Mrs. Mitchell	Athletic Secretary		70264
Mrs. Spahn	Receptionist		70475
Mrs. Savchick	Secretary	70483	
Mrs. Rose	Treasurer		70258
Ms. Neff	Guidance Counselor (A-K)		70472
Mrs. Ruby	Guidance Counselor (L-Z)	70437	

If there are any questions you may call between 6:00 a.m. and 3:30 p.m. central time at:574-654-7271, 219-778-2215 or Fax: 574-654-3390

HIGH SCHOOLS THAT WORK

10 Key Practices

1. **High Expectations**—setting higher expectations and getting more students to meet them.
2. **Vocational Studies**—increasing access to intellectually challenging vocational and technical studies with a major emphasis on using higher-level mathematics, science, language arts and problem-solving skills in the modern workplace and in preparation for continued learning.
3. **Academic Studies**—increasing access to academic studies that teach the essential concepts from the college preparatory curriculum (Core 40) by encouraging students to pursue academic content and skills to address real-world projects and problems.
4. **Program of Study**—having students complete a challenging program of study with an upgraded academic core (core 40) and a career major.
5. **Work-based Learning**—giving students and their parents the choice of a system that integrates school-based and work –based learning. The system should span high school and postsecondary studies and should be planned by educators, employers, and employees.
6. **Teachers Working Together**—having an organization, structure and schedule giving academic and vocational teachers and employees the time to plan and deliver integrated instruction aimed at teaching high-level academic and technical content.
7. **Students Actively Engaged**—getting every student involved in rigorous and challenging learn.
8. **Guidance**—involving each student has his or her parents in a guidance and advising system that ensures the completion of a career plan and an accelerated program of study with an in-depth career concentration (major).
9. **Extra Help**—providing a structured system of extra help to enable students who may lack adequate preparation to complete an accelerated program of study that includes high-level academic and technical content.
10. **Keeping Score**—using student assessment and program evaluation data to continuously improve the school climate, organization, management, curricula and instruction to advance student learning and to recognize students who meet both curriculum and performance goals.

Indiana CORE 40 Requirements

All students are encouraged to complete the Indiana CORE 40 requirements of post secondary plans. Four year colleges **require** completion of Core 40 for admission, state grants, and financial aid consideration.

Minimum of 40 credits

English	8	English 9, English 10, English 10 H, English 11, Eng. Lit & Comp AP, English 12, English 12 AP/Dual Cr.
*Math	6	Must include Algebra II
Science	6	Must include Biology, Chemistry or Physics or Integrated Chemistry Physics and an additional Science
Social Studies	6	Must include US History I & II, Government, Economics, World History I & II and/or Geography I & II
Physical Ed.	2	PE I & II or Equivalent
Health	1	Health Class
Directed Electives	5	World Languages (Colleges recommend at least 2 years), Fine Arts & Career-Technical
Electives	<u>6</u>	Career Academic Sequence Recommended
Total	40	

- ◆ **New Prairie High School requires graduating students to have a credit in Computer Applications and be enrolled in math class all four years for all diploma types.**
- ◆ **Beginning with the Class of 2014 the minimum number of credits for graduation is 46.**
- ◆ **Beginning with the class of 2016 all students must complete 6 credits of math for all diploma types and must be enrolled in a math or quantitative reasoning course for all 4 years of high school.**

Indiana CORE 40 With Technical Honors Requirements

Minimum of 47 credits

For the **Core 40 with Technical Honors** diploma, students must complete all requirements for Core 40 and:

Complete a career-technical program (8 or more related credits).

Earn a grade of "C" or better in courses that will count toward the diploma.

Have a grade point average of a "B" or better.

Complete **two** of the following, one must be **A** or **B**:

***A.** Score at or above the following levels on Work Keys:

Reading for Information-Level 6; Applied Mathematics-Level 6;

Locating Information-Level 5

***B.** Complete dual high school/college credit courses in a technical area (6 college credits)

C. Complete a Professional Career Internship course or Cooperative Education course (2 credits)

D. Complete an industry-based work experience as part of Two-year technical education program (minimum 140 hours)

E. Earn a state-approved, industry-recognized certification.

- ◆ **Beginning with the class of 2016 students must complete 6 college credits in a career pathway.**
- ◆ **Students graduating from the class of 2016 must demonstrate proficiency by earning a minimum score on the WorkKeys, Accuplacer, or Compass.**
- ◆ **Students in the class of 2016 will be required to complete some requirements for the academic honors as well as the career-technical pathway.**

Indiana CORE 40
With Academic Honors
Requirements
Minimum 47 credits

For the **Core 40 with Academic Honors** diploma, students must: complete all requirements for Core 40 and:
 Earn 2 additional Core 40 math credits
 Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages)
 Earn 2 Core 40 fine arts credits
 Earn a grade of a “C” or better in courses that will count toward the diploma
 Have a grade point average of a “B” or better

Complete **one** of the following:

- A. Complete AP courses (4 credits) and corresponding AP exams.
 - B. Complete IB (higher lever) courses (4 credits) and corresponding IB exams.
 - *C. Earn a combined score of 1200 or higher on the SAT critical reading and mathematics.
 - *D. Score a 26 or higher composite on the ACT
 - E. Complete dual high school/college credit courses from the Core Transfer Library (6 transferable college credits)
 - F. Complete a combination of AP course (2 credits) and corresponding AP exams and dual high school/college credit course(s) from the Core Transfer Library (3 transferable college credit
- ◆ Beginning with the class of 2016 students must score a total of 1750 on the SAT with the writing and no less than 530 on each section.
 - ◆ Students using the ACT score must complete the optional writing portion and score a 26 or higher composite.

Evidence Based Waiver Requirements

Indiana State Law provides that a student may receive an Indiana Diploma without passing the ECA if that student has successfully completed the following:

- Student must be enrolled in a Math & English class until they have successfully met the ECA standard
- Student has taken the ECA Algebra I and ECA English 10 each year as required
- Student has completed recommended remediation
- Student has maintained a 95% attendance rate
- Student has met GPA requirement of a C average in core credits
- Student has completed and mastered a senior project in accordance to school regulations
- Approval of waiver by ECA committee

Grading Scale for New Prairie High School

100%	A+	= 4.333
95-99	A	= 4.000
92-94	A-	= 3.667
89-91	B+	= 3.333
85-88	B	= 3.000
82-84	B-	= 2.667
79-81	C+	= 2.333
75-78	C	= 2.000
72-74	C-	= 1.667
69-71	D+	= 1.333
65-68	D	= 1.000
62-64	D-	= .667
61	F	= 0

New Prairie United School Corporation Guidelines for Transfer from Non-Accredited Schools Form 5463

Whenever a student seeks to transfer into the Corporation from a non-accredited school such as a home school the following procedures should be used to determine the student's proper grade placement or credits toward graduation:

- Identify the grade level that the student's age would indicate is the likely grade placement.
- Review the courses of study for that grade to determine the critical learning that would be prerequisite for success at subsequent grade levels or courses.
- Review the student's performance (if available) on tests and/or other means of assessment that were used to assess the student's learning while participating in the non-accredited school. Determine whether the critical learning identified in the Corporation's courses of study were properly assessed and, if so, how well the student has achieved each critical learning.
- If no prior assessment data is available, identify which tests (standardized or Corporation-made) as well as other means of assessment (research project, term paper, and the like) could be used to assess the student's achievement of the critical learning. Arrange for the student to be assessed using the identified instruments
- If the assessment so indicates, assign the student to the grade or course level suggested at the first step (with or without special assistance).
- Make arrangements for any form of special assistance that will be needed for the student to succeed at that level.
- If the assessment indicates that another grade or course level is more appropriate, register the student in that grade or course level and make whatever arrangements are necessary to provide for any needed assistance indicated by the assessment.
- The principal shall make the final determination regarding the placement of the student and the extent to which any credit will be granted.

QUESTIONS YOU MIGHT HAVE

How do colleges view the Academic Honors Diploma (AHD)?

Colleges are interested in what kind of courses you take, as well as the grades you earn. To find out more about how much a college values the Academic Honors Diploma, talk with the Admissions Office of that school.

Do I need to have an Academic Honors Diploma to get into college?

NO, check with your counselor and make sure you are taking classes that will prepare you for college. Do as well as you can in your classes. If you work hard in high school, take challenging courses, learn necessary skills, and earn acceptable grades, you are more likely to get into college.

I have a good grade point average now, but I may get lower grades if I take harder classes. Is the Honors Diploma worth it?

Your decision depends in part on your willingness to work, your abilities, and your college plans. Your parents, guidance counselors, and the admissions officers at the schools that interest you might help you make your decision.

Why should I consider the Academic Honors Diploma? I am not sure I want to go to college. Even if I do go, I do not need an AHD to get in.

The technical world in which we live requires that people need good math skills for many jobs. In this rapidly changing world, everyone needs a good base in science to understand ecology, outer space, pollution, and dangers to health. You will be voting soon. A good background in history, government, and economics will help you make wise choices.

In all areas of your life, you will need to know how to write well. You will need to clearly construct and communicate your thoughts. Reading good literature can acquaint you with the best writing in the world.

The AHD will better prepare you for the academic and time management challenges of college. Students who take challenging high school courses tend to do better on the SAT/ACT and in college.

A strong academic background is the benefit of earning an AHD. A good education will serve you all your life.

Course Selection—Drop/Add

Efforts are made to provide the best possible course selection each spring for the next entire academic year so that educational goals of students are realized; however, circumstances do change, and a program chosen early in the second semester may require some adjustment in the spring. If a student finds that a change of next year's selections is necessary before the end of the school year the student should notify the guidance office immediately.

No schedule changes will be made in the fall.

There will be scheduled registration dates in late summer for the upcoming school year. Watch for mailings and newspaper announcements for the dates. Registration for every student will take place on these dates *not in the fall*.

Classes are scheduled very tightly based on student selections of courses. Teachers and classrooms are committed to these student selections, and the slightest variation in numbers can have profound implications for the entire Master Schedule. For this reason, plus the responsibility we have to students to help them learn to adhere to their commitments, schedule changes will only be considered for the following reasons:

- 1. To upgrade content of schedule—a student is changed from a regular class to a more academically challenging class.*
- 2. To correct an inappropriate placement— a student has tried in a previous class, but failed to master skills needed to have success at the present level. The student effort put forth will be an important factor in the request.*
- 3. To balance classes—when there is an obvious discrepancy in the number of students in a class, some students may be switched to other classes.*

NCAA Eligibility

The NCAA, or National Collegiate Athletic Association, was established in 1906 and serves as the athletics governing body for more than 1,300 colleges, universities, conferences and organizations. The national office is in Indianapolis, but the member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the three NCAA divisions. The NCAA is committed to the student-athlete and to governing competition in a fair, safe, inclusive and sportsman-like manner. The NCAA membership includes:

- 337 active Division I members;
- 290 active Division II members; and
- 435 active Division III members.

One of the differences among the three divisions is that colleges and universities in Divisions I and II may offer athletics scholarships, while Division III colleges and universities may not.

Checklist for College-Bound Student-Athletes (Division I and II)

Students wishing to participate in NCAA Division I or II athletics need to be certified by the NCAA Eligibility Center. Students need to qualify academically and will need to be cleared as an amateur student-athlete.

Students are responsible for achieving and protecting their eligibility status and must::

- Register at the beginning of the junior year at www.eligibilitycenter.org.
- Ask the school counselor to send student's transcript to the NCAA Eligibility Center at the end of the junior year.
- Take the ACT or SAT and use the code "9999" to have the official scores sent directly to the NCAA Eligibility Center.
- Request final amateurism certification during the senior year.
- Ask the school counselor to submit the final high school transcript with proof of graduation.

NCAA Core-Course Requirements

To be considered a qualifier at a Division I or II institution and be eligible for financial aid, practice and competition during the first year of college, students must graduate from high school, complete the 16 core-course requirement, and present minimum GPA and combined SAT or ACT sum scores that meet the NCAA GPA and test score sliding scale.

Division I 16 Core-Course Rule:

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years of natural science/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics, natural/physical science
- 2 years of social science
- 4 years additional courses (from any area above, foreign language, or comparative religion/philosophy)

Division II 16 Core-Course Rule:

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural science/physical science (1 year of lab if offered by high school)
- 3 years of additional English, mathematics, natural/physical science
- 2 years of social science
- 4 years additional courses (from any area above, foreign language, or comparative religion/philosophy)

NCAA SAT and ACT Requirements

Students must achieve the required score on the SAT or ACT before full-time collegiate enrollment. All SAT and ACT scores must be reported to the NCAA Eligibility Center directly from the testing agency. Test scores will not be accepted if reported on a high school transcript. The following chart comes from the NCAA GPA and test score sliding scale.

Core GPA	SAT	ACT
2.500+	820	68
2.375	870	72
2.250	920	77
2.125	960	81
2.000	1010+	86+

* Meeting the NCAA academic requirements does not guarantee admission into a college. Students must apply for college admission with each school of interest.

Art Department

Introduction to Two-Dimensional Art *Crs. 0801* 1 Sem/1 Credit Grades 9,10,11,12

Students taking Introduction to Two-Dimensional Art engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and lead to the creation of portfolio quality works. Introductory elements of art are studied as they apply in drawing, design, painting, and printmaking. Observation and imagination in composition are stressed.

Introduction to Three-Dimensional Art *Crs. 0802* 1 Sem/1 Credit Grades 9,10,11,12

Students taking Introduction to Three Dimensional Art engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and lead to the creation of portfolio quality works. Introductory elements of art are studied as they apply to sculpture and ceramics.

Drawing I *Crs. 0803* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Intro 2D with a "C" or better

The student will study the elements and principles of art as they relate to drawing. Pen and ink, ink wash, graphite pencil, chalk, oil pastel, watercolor, and acrylic paint are the media used in the drawing unit. Originality of composition is stressed.

Drawing II *Crs. 0815* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Intro 2D & Drawing I

This course is a continuation of Drawing I and leads to the creation of portfolio quality works. This course stresses an individual and experimental approach to drawing. Students are encouraged to seek new approaches to artistic problems. (This class may be taken multiple times for credit)

Printmaking *Crs. 0804* 1 Sem /1 Credit Grades 10,11,12

Prerequisite: Intro to 2D *(Offered in odd years)*

This course stresses the creative and technical aspects of two-dimensional art. The student will study the elements and principles of art as they relate to printmaking such as linocut, monoprint, **woodcut**, silkscreen, **stamping**, and **calligraphy**.

Ceramics I *Crs. 0806* 1 Sem /1 Credit Grades 10,11,12

Prerequisite: Intro to 3D Art

Students create works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes.

Sculpture I *Crs. 0808* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Intro to 3D Art

Students create realistic and abstract sculptures utilizing subtractive and additive processes of carving, modeling, construction casting and assembling.

Ceramics II *Crs. 0807* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Ceramics I & Intro to 3D Art

An advanced rendering of elements found in Ceramics I with a emphasis on independent study and individualized creative expression. Students learn to mix glazes. A high level of craftsmanship is expected. *This class may be taken multiple times for credit.*

Sculpture II *Crs. 0809* 1 Sem /1 Credit Grades 10,11,12

Prerequisite: Sculpture I & Intro to 3D Art.

An advanced rendering of elements found in Sculpture I with and emphasis on independent study and individualized creative expression. Students are expected to develop the ability to recognize and produce well crafted objects. Students take pride in creating unique personal statements with clay and any other sculpture media, such as plaster, wood, paper, and fabric. *This class may be taken multiple times for credit.*

Visual Communication *Crs. 0818* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Intro to 2D Art *(Offered even years)*

Students in Visual Communication engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality work. They create print media utilizing graphic design, typography, layout, illustration and image creation with digital tools, computer technology, as well as with traditional art materials. Students develop communication skills in advertising and focus on refining their work in ad illustration, packaging and product design. Students identify the integration of art-related skills with various careers. *This class may be taken multiple times for credit.*

Painting I *Crs. 0819* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Intro to 2D Art

Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that leads to the creation of portfolio quality paintings. Students create abstract and realistic paintings, using a variety of materials such as mixed media, watercolor, pastel, tempera and acrylics.

Painting II *Crs. 0820* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Intro to 2D Art & Painting I

This course is a continuation of Painting I and leads to the creation of portfolio quality works. This course stresses an individual and experimental approach to painting. Oil painting will be introduced. (This course may be taken multiple times for credit)

Business Department

Finance Academy I (formerly Accounting I) *Crs. 0741* 2 Sem/ 2 Credits Grades 10,11,12

Only the basic principles of accounting are taught, but with this knowledge any student should be able to adapt to any accounting system or further his/her training in the field of accounting. The complete accounting cycle, for both a service-type and merchandising-type, a sole proprietor-type and partnership-type of business is introduced in a simple form to acquaint the students with the relationship between accounting and business. Checks, bank reconciliation, payroll, and federal and state taxes are covered. Both manual and automated practice sets will be included during the year, ensuring practical application of what has been learned. The class will prove useful and challenging to most students.

Finance Academy II (formerly Accounting II) *Crs. 0745* 2 Sem/2 Credits Grades 11,12

Prerequisites: Accounting I

This course is designed for the student who wants to further his/her knowledge of accounting and has successfully completed Accounting I. The course begins with a review of the accounting cycle and then moves to notes, depreciation, stocks, bonds, departmental accounting, payroll accounting, partnerships, and control systems. The students will be provided the opportunity to apply accounting theory to either manual or automated systems. Computers will be used to complete the general ledger, accounts receivable, accounts payable, and payroll systems. Financial statements are analyzed and interpreted relative to management decision-making. Practice sets are automated.

***Computer Applications I** *Crs. 0781* 1 Sem/1 Credit Grades 9,10

**This is a New Prairie Graduation Requirement taken in either 9th or 10th grade*

Computer Applications I is a business course designed to provide the student with instruction in computer hardware and software concepts including input and output devices, directory structure, management, operating systems, word processing, spreadsheets, database, Internet use, presentation applications, and graphics. It is also of value to every student, since each will be handling his/her own business affairs and living in a computerized and technologically oriented society. The course will provide students with the fundamental concepts to use the computer as a tool to solve application problems. Business and personal document formatting will be taught.

Computer Applications, Advanced I –Business Management & Finance *Crs. 0787* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Computer Applications I

Computer Applications, Advanced I BMF is a **career technical education** course that integrates computer technology decision-making, and problem-solving skills. Areas of instruction include advanced applications, integration of a professional suite, and the use of emerging technology including speech and handwriting recognition. Students will be given the opportunity to seek business/industry certification, such as Microsoft Office Specialist (MOS) certification.

Computer Applications, Advanced II –Business Management & Finance *Crs. 0784* 1 Sem/1 Credit Grades 11,12

Prerequisites: Computer Applications, Adv. I BMF

This **career technical education** course will build on the previously learned computer skills to develop occupational competencies. The course integrates decision-making skills and problem solving techniques by allowing the student to investigate a variety of software capabilities and limitations relevant to business situations. Concepts and applications dealing with software integration and Internet use will be included as well as information about future technology trends including speech and handwriting recognition.

Business Technology Lab 1 *Crs. 0731* 1 Sem/1 Credit Grades 11,12

Prerequisites: Computer Apps Advanced I

Business Technology Lab 1 will assist students in successfully making the transition from High School to work or college. The business technology curriculum provides instruction in the use of current technology with an emphasis on the integration and application of business documents, communication, including speech and handwriting recognition, employability, math and language arts skills. A variety of machines and projects will be used in this class.

Business Technology Lab 2 *Crs. 0734* 1 Sem/1 Credit Grades 11,12

Prerequisites: Business Technology Lab I

Business Technology Lab 2 will strengthen the skills learned in Business Technology Lab 1. Students will refine and gain the skills needed to continue with post-secondary or career goals. The business technology curriculum provides further instruction in the use of current technology with an emphasis on the integration and application of all business related skills including speech and handwriting recognition. A variety of business machines and projects continue to build the skills needed to obtain the students' goals.

***Personal Financial Responsibility** *Crs. 0751* 1 Sem/1 Credit Grades 11,12

Prerequisites: Computer Application I

This business course focuses on personal financial planning. The content includes financial planning, income and asset protection, income and money management, and spending and credit management. You will learn the financial concepts and principles that provide a basis for avoiding financial pitfalls. This course prepares students for the roles and responsibilities of consumers, producers, entrepreneurs, and citizens.

Business Foundations *Crs. 0700* 1 Sem/1 Credit Grades 9, 10

This class presents a general overview of the business world. It is an introductory course in the areas of checking and savings accounts, all types of insurance, credit, transportation, marketing, the economy, career exploration, and more. The content is comprehensive but the learning is easy with abundant hands-on activities, projects, and Internet activities. Subject matter will be presented in an easy-to-understand and learn-by-doing manner.

Business Law *Crs. 0761* 1 Sem/1 Credit Grades 10,11,12

The subject matter in this course is of great importance to each individual in ordinary day-to-day personal consumer and business related activities. Business Law helps students to develop an understanding of a person's rights and obligations in consumer situations. The students should be aware of the need of professional, legal service in relationship to rules of law governing contracts of all kinds. This course will aid the pupil in arriving inductively at rules of law and in recognizing relationships such as bailment's, secured debts, etc., which will aid him/her in dealing with the public.

Computer Programming I *Crs. 0255* 1 Sem/1 Credit Grade 10

Prerequisites: Computer Apps. I & Algebra I

This one semester course introduces students to computer programming. Throughout the course, information regarding programming related careers and career/educational paths are provided. Logical thinking processes are required for problem analysis and solving.

Computer Programming II *Crs.0260* 1 Sem/1 Credit Grades 11,12

Prerequisite: Computer Programming I

This course strengthens previously developed skills and will introduce new skills, concepts, and applications needed to prepare students for advanced programming skills. Information regarding programming-related careers will also be covered.

Desktop Publishing *Crs. 0785* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Computer Apps I

This course is designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed publications. Journalistic principles in design and layout of print publications. This will include integration of text and graphics and the use of sophisticated hardware and software to develop and create quality material for business related tasks.

Entrepreneurship Academy- Business Management & Finance *Crs. 0789* 1 Sem/1 Credit Grades 11,12

Prerequisites: Computer Applications I

This **career technical** class is a specialized business course designed to enable students to acquire the knowledge and develop the skills needed to effectively organize, develop, create, and manage their own business. Topics addressed include the assessment of entrepreneurial skills, the importance of business ethics, and the role of entrepreneurs in a free enterprise system. Students will develop a written business plan for a business of their choice.

Web Design *Crs. 0790* 1 Sem/1 Credit Grades 11,12

Prerequisites: Computer Applications I

This course will provide the students with instruction of the principles of web design using HTML/XHTML and current emerging software programs. Both programming and web design programs will be used to create web pages.

Professional Career Internship- Business Management and Finance *Crs0749* 1 Sem/1 Credit Grade 12

Prerequisites: Comp. Apps. Adv. I; student application, and teacher recommendation.

A career technical education business course that is designed to address the knowledge, skills, and behaviors all students need to live, plan, and work successfully in today's society. This course includes exploring career clusters, developing leadership/teamwork skills, researching/collecting labor market data, and developing career plans. *This class was formerly Planning for Career and College.*

English Department

English 9 *Freshman Academy Crs. –0118* 2 Sem/2 Credits Grade 9

Through the integrated study of literature, composition, and oral communication, English 9 students further develop their use of language as a tool for learning and thinking and as a source of pleasure. Students practice identifying, analyzing, and composing with different elements, structures, and genres of written language.

English 10 *Crs. 0137 S1 & S2* 2 Sem/2 Credits Grade 10

Prerequisites: English 9

English 10, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

English 10 Honors *Crs. 0136 S1 & S2* 2 Sem/2 Credits Grade 10

Prerequisites: English 9 and Teacher Recommendation

English 10 Honors, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information. In addition to continuing to work within the writing process, organization, logic, coherence, and other advanced composition skills necessary for clear and concise writing will be emphasized. Readings will be selected to show students quality writing style. Students will be expected to do independent work on research topics of their choice.

English 11 *Crs. 0167 S1 & S2* 2 Sem/2 Credits Grade 11

Prerequisites: English 9, English 10

English 11 provides a survey of the literature produced in the United States from pre-Revolutionary times to the present. This course includes a study of the representative works of various literary genres that reflect the American culture. Students are also provided with the study of a variety of literary genres, such as drama, poetry, and prose, as well as Native American folk legends. Influences of classical literature can be experienced in the historical, literary, and cultural contexts. Quality works of various ethnic and cultural minorities, such as African-American writers, women writers, and Native American writers are included, as are the works of the contemporary writers. Written and oral exercises require students to analyze and explain how their readings of literature, history, and culture are interconnected and distinctly American.

English Literature and Composition AP *Crs. 0198 S1 & S2* 2 Sem/2 Credits **Grade 12**

Prerequisites: English 9, English 10 Honors or other literature, language, composition and speech courses or teacher recommendation.

English Literature and composition, Advanced Placement, is an advanced placement course based on content established by the College Board. An AP English course in Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Advanced Placement (AP) Courses are intended to be the equivalent to the comparable college level course. Most AP courses require instructional time equivalent to two traditional semesters, or one academic year in order to adequately address the course content and prepare students for the associated exam.

English 12 *Crs 0187 S1 & S2* 2 Sem/2 Credits Grade 12

Prerequisites: Eng. 9, English 10, English 11

English 12 provides a survey of representative literature produced by British-speaking authors, including those in the British Isles as well as those in the former British colonies. This course includes the study of major British authors from the Anglo-Saxon period to the present, literary movements, and intellectual trends. It also provides an examination of the contributions of British authors to specific literary genres, such as poetry, drama, the essay, and the novel. Writing and classroom discussion activities include opportunities for students to respond to the literature both analytically and reflectively. This course will require the completion of a senior exit project for all students enrolled.

Language and Composition AP/Dual Credit *Crs. 0199_S1 & S2* 2 Sem/2 Credits Grade 11, 12

Prerequisites: English 11 Honors AP with teacher recommendations

Advanced English/Language Arts, College Credit is a title covering (1) any English language and composition advanced course offered for credit by an accredited postsecondary institution through an adjunct agreement with a secondary school or (2) any other postsecondary English language and composition course offered for dual credit under the provisions of 511 IAC 6-10. New Prairie's post-secondary articulation agreement is with Purdue University North Central. The course's college level equivalents are English 101 and 102, worth three credits each, which focus on composition and research respectively. The course also follows College Board Entrance Examination guidelines for advanced placement English.

Creative Writing I *Crs. 0102* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Student application *Offered Even Years*

Creative Writing provides students with ample opportunities to combine literary creativity with the discipline of written discourse. The concept of the manipulation of language to convey ideas, feelings, combine literary creativity with the discipline of written discourse. The concept of the manipulation of language to convey ideas, feelings, moods, and visual images is the basis of this course. Students become familiar with standard literary elements through the reading and study of published prose and poetry and are taught to use those elements in their own writing. Additionally, students learn strategies for evaluation and responding to their own writing and the writing of others in a peer sharing component. In this peer sharing component, students receive specific training in providing constructive, substantive feedback while role playing as likely readers of each creative work. Representative models of literary excellence may also be studied.

Creative Writing II *Crs. 0108* 1 Sem/1 Credit Grades 11,12

Prerequisite: Creative Writing I & Student application *Offered Even Years*

Students will design and complete an independent writing project and delve more deeply into longer, more developed writing tasks. Students will develop the following products:

- An in-depth individual writing portfolio
- Extended writings including a short story and a one-act play
- A literary magazine showcasing selected works submitted by New Prairie High School students.

Technical Writing I *Crs. 0107* 2 Sem/2 Credits Grades 10,11,12

Prerequisites: English 9 and teacher recommendation and student application *Formerly Student Publication I-Newspaper*

Technical Writing II *Crs. 0106* 2 Sem/2 Credits Grades 10,11,12

Prerequisites: English 9 and teacher recommendation and student application

This course along with Technical Writing I provide the study of and practice in gathering and analyzing information, interviewing, and note taking for the purpose of writing, editing and publishing. **Marketing and advertising which demands time outside of class are required. Students will also be expected to attend a reasonable number of events to take photos and to report.** *Formerly Student Publications II-Yearbook*

The nature of these courses allows for successive semesters of instruction at an advanced level, provided that defined standards are utilized.

Literary Movements I *Crs. 0134 1* 1 Sem/1 Credit Grades 9,10,11,12

(Held Even Years)

The course in Literary Movements provides the study of European and American literature produced in Ancient Greece and Rome, the Middle Ages, the Renaissance, the Enlightenment, and periods of Romanticism, Realism, Naturalism, Modernism, and Post-Modernism. This course provides an interdisciplinary examination of the connection between intellectual and historic trends including political, philosophical-theological, and aesthetic issues as well as specific literary movements. Writing and discussion activities will provide students with opportunities to explore these trends and movements.

The focus of this course will be *Classical Mythology*

Themes in Literature I *Crs. 0138* 1 Sem/1 Credit Grades 9,10,11,12

(Held odd years) Prerequisite: Parent Permission

Themes in literature is a study of common themes, such as the journey of a hero, the trials of youth, the search for identity, and other themes appropriate to the level and interests of students. This course includes an examination of the manner in which themes are treated by different writers in different literary genres. Frequent writing and oral exercises help students become sensitive to and articulate about thematic variations that occur because of genre of cultural context. Representative works by authors of diverse eras and nationalities are included so that students may gain knowledge of humanity's struggle to understand the human condition. It is recommended that the course be limited to a few related themes to ensure course coherence.

The focus of this course will be *Literature of the Holocaust.*

Themes in Literature II *Crs. 0139* 1 Sem/1 Credit Grades 9,10,11,12

(Held odd years) Prerequisite: Parent Permission

Same description as above. **The focus of this course will be *literature of the Vietnam War.***

Biblical Literature *Crs. 1022* 1 Sem/1 Credit Grades 9,10,11,12

(Offered Odd Years)

Biblical Literature surveys the Bible as a source of a wide variety of literary patterns, themes, and conventions. Reading the Bible from a literary standpoint, different books are read in relation to their time period lasting over a thousand years. In addition, this course provides a basis for understanding Biblical references (allusions) in both classical and modern literature. Other topics of discussion may include the formation of a canonical Bible and the inclusion of apocryphal and heretical writings, oral versus literate transmissions of sacred history and doctrine, and questions and problems of interpretation. Related literature is included as it pertains to Biblical themes. Writing and discussion opportunities are included in the context of this course.

Theatre Arts I & II (L) *Crs. 4242 S1 & 4242 for S2* 2 Sem/2 Credits Grades 9,10,11,12

Prerequisite: Student application

(Offered even years)

Students enrolled in Theatre Arts will read and analyze plays. They will create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

Theatre Production I & II *Crs 4248 S1 & 4248 S2* 2 Sem/2 Credits Grades: 9,10,11,12

Prerequisites: Student application

Students enrolled in Theatre Production will take on responsibilities associated with rehearsing and presenting a fully mounted theatre production. They will read and analyze plays to prepare for production; conceive and realize a design for a production, including set, lighting, sound and costumes; rehearse and perform roles in a production; and direct or serve as assistant director for a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students investigate a theater arts career, then develop a plan for potential employment or further education through audition, interview or presentation of a portfolio. Students also attend and critique theatrical productions and volunteer to support theatre in their community.

Advanced Theatre Arts/Acting I, First Semester *Crs. 4240* 1 Sem/1 Credit Grades 9,10,11,12

Prerequisites: Student application

Students enrolled in Advanced Theatre Arts will read and analyze plays and apply criteria to make informed judgments. They will draw on events and experiences to create scripted monologues and scenes. They will create scenic designs for existing plays and will build characters through observation, improvisation and script analysis. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore careers in theater arts and begin to develop a portfolio of their work. Students also attend and critique theatre productions and identify ways to support the theatre in their community.

Advanced Acting/ Acting II Second Semester *Crs. 4250* 2 Sem/2 Credits Grades: 9,10,11,12

Prerequisites: Student application

Students enrolled in Advanced Acting will research, create, and perform characters through script analysis, observation, collaboration and rehearsal. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in the theatre by attending plays, meeting actors and discussing their work, and becoming theatre patrons in their community.

Novels-Great Books *Crs. 0150* 1 Sem/1 Credit Grades 11,12

(Offered Even years)

Novels, a course based on *Indiana's Academic Standards for English/Language Arts* and emphasizing the *High School Literature Standards*, is a study of the distinct features of the novel, such as narrative and fictional elements of setting, conflict, climax, and resolution, and may be organized by historical periods, themes, or authors. Students examine novels of a given period, such as Victorian, the Modern Period, or Contemporary Literature, and what distinguishes novels from short stories, epics, romances, biographies, science fiction, and others. Students analyze novels by various important authors in the past and present or sets of novels in a given time period or across time periods or covering a particular theme.

Speech *Crs. 0100* 1 Sem/1 Credit Grades 9,10,11,12

Speech, a course based on *Indiana's Academic Standards for English/Language Arts* and the *Common Core State Standards for English/Languages Arts Standards*, is the study and application of the basic principles and techniques of effective oral communication. Students deliver focused and coherent speeches that convey clear messages, using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multi-media presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Students use the same Standard English conventions for oral speech that they use in their writing.

Family and Consumer Sciences

Child Development and Parenting *Crs. 0930* 1 Sem/1 Credit Grades 9,10,11,12

This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. Topics include consideration of the roles, responsibilities, and challenges of parenthood; human sexuality; teen pregnancy; prenatal development; physical growth and developmental needs of infants and children; the impact of heredity and environment on the development of the child, and meeting children's needs for food, clothing and shelter.

Advanced Child Development *Crs. 0935* 1Sem/1 Credit Grades 10,11,12

Prerequisites: Child Development & Parenting (Must have passed Child Development I with a "C-" or better.)

Advanced Child Development is a sequential course that addresses more complex issues of child development and early childhood education with emphasis on guiding social, emotional, intellectual, moral, and cultural development throughout childhood. Topics include positive parenting and nurturing across ages and stages; practices that promote long-term well-being of children and their families; developmentally appropriate guidance and intervention strategies; and meeting the needs of children with a variety of dis-advantaging conditions.

Fashion & Textiles *Crs. 0920* 1 Sem/1 Credit Grades 10,11,12

This course is an introduction into the exciting and creative worlds of fashion, clothing, textiles and sewing. Students will learn the basics of operating a sewing machine, hand stitching, garment construction, fiber selections and properties, and design elements. Careers in the fashion/textile/clothing industry are also discussed.. This is a project-based class and each student is required to bring in fabric and supplies in order to complete the assignments.

Advanced Fashion & Textiles *Crs. 2143* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Passed Fashion & Textiles with a C- or above.

Adv. Fashion & Textiles provides advanced skill and knowledge opportunities in the areas of clothing construction and finishing techniques. In addition, pattern alteration, clothing repair, restyling techniques, and career opportunities are presented. Students are responsible for supplying fabric, patterns, and supplies for their required projects.

Nutrition and Wellness *Crs. 0910* 1 Sem/1 Credit Grades 9,10,11,12

Nutrition and Wellness teaches the fundamentals of food preparation with an emphasis on making nutritious choices. A textbook is used along with demonstrations and cooking labs. Communication, leadership, and management processes are also put to use. Students will cook and must be prepared to eat what is created.

Advanced Nutrition and Wellness *Crs. 0915* 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Nutrition and Wellness (Must have passed Nutrition and wellness with a C- or better)

Advanced Nutrition and Wellness is a sequential course that addresses more complex concepts in nutrition and food preparation, with emphasis on contemporary economic, social, psychological, cultural and global issues. Laboratory experiences, demonstrations, and research opportunities make up the learning process. Students will cook and must be prepared to eat what is created.

Housing and Interiors *Crs. 0940* 1 Sem/1 Credit Grades 10,11,12

Housing and Interiors addresses selection and planning of living environments to meet the needs and wants of individuals and families throughout the family life cycle. Topics include: evaluation of housing styles, locations, zones, restrictions and ownership options; impacts of technology; housing to meet special needs; elements and principles of design related to interiors, housing, and architecture; floor planning skills; creating functional, safe, and aesthetic spaces; historical aspects and contemporary trends in housing, interiors, furniture, and appliances; and exploration of housing-related careers.

Adult Roles and Responsibilities *Crs. 0950* 1Sem/1 Credit Gr.12

Adult Roles and Responsibilities builds knowledge, skills, attitudes, and behaviors students will need as they prepare to take the next steps toward adulthood. The focus is on becoming independent, contributing, and responsible participants in family, community, and career settings. Topics include living independently and family formation; analysis on personal standards, needs, aptitudes and goals; integration of family, community, and career responsibilities; consumer choices and decision making related to nutrition and wellness, clothing, housing, and transportation; financial management; relationship of technology and environmental issues to family and consumer resources; and community roles and responsibilities of families and individuals.

Industrial Technology Department

Graphic Communications (CAD) Crs. 1068 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Successful completion of, or concurrent geometry or algebra. Approval of instructor.

Students will be introduced to the processes used in creating working drawings for a variety of applications. Students will be given learning experiences that include planning, collecting and using data, and preparing mechanical and structural sketches & drawings. Students will create their drawings using both board drafting and computer aided drafting techniques.

Woodworking, General Crs. 1041 1 Sem/1 Credit Grades 9,10,11,12

General woodworking is a course that provides students with classroom and laboratory activities to prepare them to layout and shape stock; assemble wooden articles or subassemblies; repair wooden articles; and saw, sand, and shape wooden products. Students will use applied mathematics to design products and estimate costs of materials. Students will be given opportunities to work with a variety of natural and manufactured wood materials. Emphasis will be placed upon the safe and proper use of both hand and power tools.

Cabinet Making Crs. 1045 2 Sem/2 Credits Grades 10,11,12

Prerequisite: Woodworking General with a minimum grade of a "C".

Cabinetmaking allows students to engage in the design, construction and finishing of such articles as wooden cabinets, frames, fixtures, molding, and trim. This course combines classroom and laboratory activities involving sketching and design; laying out and shaping machining of parts; fastening and assembling of parts using adhesives and mechanical fasteners; and the proper preparation of products to receive appropriate finishes. Emphasis will be placed upon the safe and proper use of both hand and power tools.

Power and Energy Technology Crs. 1074 1 Sem/1 Credit Grades 9,10,11,12

This course explores the primary forms of energy used by the world community and how this energy is converted into usable power. Energy sources such as fossil fuels, nuclear, solar, hydro, wind and geothermal will be covered. Also, activities will be used to produce, control, transmit, and utilize the power created by various forms of energy.

Manufacturing Processes Crs. 1075 1 Sem/1 Credit Grades 9,10,11,12

This course is a study of materials and processes used in the manufacturing industry. Areas to be covered include machining, separation, and combining of wood, metal, plastic and other common industrial materials.

Manufacturing Systems Crs. 1076 1 Sem/1 Credit Grades 10,11,12

Prerequisite: Manufacturing I

This course will explore product development, production, planning, and marketing strategies related to industry. Students will design, produce, and market a product. The economics of industry will be studied by following the stock market.

Introduction to Engineering Design Crs. 0215 2 Sem/2 Credits Grades 9,10,11,12

Introduction to Engineering Design is an introductory course that develops students' problem-solving skills, with emphasis on visualization and communication skills using a computer and a 3-D solid modeling software. ***This is a Project Lead The Way course.***

www.pltw.org

Principles of Engineering Crs. 0214 2 Sem/2 Credits Grades 10,11,12

Prerequisites: Algebra I, Intro. To Engineering Design

Principles of Engineering is a broad-based survey course to help students understand engineering and engineering technology and identify career possibilities. Theoretical and hands-on problem-solving activities are emphasized. ***A Project Lead The Way course.***

www.pltw.org

Vocational Building Trades Crs 1042 2 Sem/4 Credits Grades 11,12

Prerequisites: Completion of Woodworking General and CAD with a minimum grade of a C. Submission of an application and participation in an interview with the building trades board is required. Recommendations from teachers will be included in the student selection process.

Building Trades is a course designed to give students real world experiences in the construction trades. Students will participate in all aspects of building a home by working with professionals in the construction fields. Areas to be covered include: planning, financing, securing permits, building codes, excavating, foundations, framing, roofing, plumbing, electrical, drywall, doors, windows, siding, trim, and landscaping. Career opportunities will be covered.

Digital Electronics *Crs. 0213* 2 Sem/2 Credits Grades 11,12

Prerequisites: Alg. 1, Intro. To Engineering & Principles or Engineering.

Digital Electronics is a course of study in applied digital logic, using electronic logic circuits that first are designed and then tested using the latest computer digital-logic modeling technology. *A Project Lead the Way course. www.pltw.org*

Aerospace Engineering *Crs. 0211* 2 Sem/2 Credits Grades 11,12

Prerequisites: 2 Project Lead the Way courses.

Aerospace Engineering Technology provides students with experiences in designing, developing, and evaluating aircraft, space vehicles and their operating systems. Emphasis includes investigation and research on flight characteristics and analysis of aerodynamic design. Classroom instruction provides opportunities for creative thinking and problem-solving activities using appropriate software to design, test, and evaluate a variety of air and space vehicles, their systems, and launching, guidance and control procedures. Daily emphasis is placed on applying mathematical, scientific, and engineering principles.

This is a Project Lead the Way course. www.pltw.org

Math Department

Algebra I *Crs. 0220* **Algebra I FA** *Crs. 0221* 2 Sem/2 Credits Grades 9,10,11,12

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, (6) nonlinear equations. **Recommended to purchase an Inspire calculator.**

Geometry *Crs. 0235* **Geometry FA** *Crs. 0236* 2 Sem/2 Credits Grades 9,10,11,12

Prerequisites: Algebra I

Geometry students examine the properties of two- and three-dimensional objects. Proof and logic, as well as investigative strategies in drawing conclusions, are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedral and other solids.

Algebra II *Crs. 0225* 2 Sem/2 Credits Grades 10,11,12

Prerequisites: Algebra I and Geometry. Geometry may be taken concurrently with Algebra II with the recommendation of the Algebra I teacher.

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) conic sections; (3) polynomials; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) sequences and series; and (7) counting principles and probability.

Advanced Mathematics, Dual Credit *Crs. 0251 (PNC MA 152—3 cr)* 2 Sem/2 Credits Grades 11,12

Prerequisites: Algebra II and Geometry A Purdue University North Central application must be filled out and course must be paid for to receive College Credit

Advanced Mathematics, College Credit is a title covering (1) any advanced mathematics course offered for credit by an accredited postsecondary institution through an adjunct agreement with a secondary school or (2) any other postsecondary mathematics course offered for dual credit under the provisions of 511 IAC6-10.

Statistics AP Dual Credit *Crs. 0239 (PNC Stat 301—3 cr)* 2 Sem/2 Credit Grades 11,12

Prerequisite: Algebra II & Geometry. An application must be filled out and course must be paid for to receive College Credit

Statistics, Advanced Placement is a course based on content established by the College Board. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. A comprehensive description of this course can be found on the College Board AP Central Course Description web page at:

<http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>. A Purdue University North Central application must be filled out and course must be paid for to receive College Credit

Pre-Calculus/Trigonometry Dual Credit *Crs. 0244 (PNC MA 153-154—3 Cr)* 2 Sem/2 Credit Grade 11,12

Prerequisites: Algebra II and Geometry A Purdue University North Central application must be filled out and course must be paid for to receive College Credit.

Pre-Calculus blends together all of the concepts and skills that must be mastered prior to enrollment in a college-level calculus course. The course includes the study of (1) relations and functions, (2) exponential and logarithmic functions, (3) trigonometry in triangles, (4) trigonometric functions, (5) trigonometric identities and equations, (6) polar coordinates and complex numbers, (7) sequences and series and (8) data analysis.

Calculus AB, AP Dual Credit *Crs. 0250 (PNC MA 161—5 Cr)* 2 Sem/2 Credits Grade 12

Prerequisite: Pre-Calculus A Purdue University North Central application must be filled out and course must be paid for to receive College Credit.

Calculus AB, AP is a course that provides students with the content established by the College Board. Topics include: (1) functions, graphs, and limits (2) derivatives and (3) integrals. A comprehensive description of this course can be found on the College Board AP Central Course Description web page at: <http://apcentralcollegeboard.com/public/courses/descriptions/index>.

Music Department

Band *Crs. 0850* 2 Sem/2 Credits Grades 9,10,11,12

Prerequisite: Student ability to demonstrate appropriate competency. This course may be taken for successive years.

Students taking this course are provided with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship. This organization forms the nucleus of the Marching Band and concert Ensemble. The Marching Cougars participate in parades, all home football games and marching contests. Repertoire consists of standard marches, musical comedy, show tunes and popular music. Additional performing possibilities include Pep Band for basketball games and Pit orchestra to accompany musical stage productions.

Jazz Band *Crs. 0854* 2 Sem/2 Credits Grades 9,10,11,12

Prerequisite: H.S. level performing skills. This course may be taken for successive years.

Students taking this course develop musicianship and specific performance skills through group and individual settings for the study and performance of the varied styles of instrumental jazz. The instruction includes the study of the history, formative, and stylistic elements of jazz. Students develop their creative skills through: (1) improvisation, (2) composition, (3) arranging, (4) performing, (5) listening, and (6) analyzing. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students are provided with opportunities to experience live performances by professionals during and outside of the school day. Time outside of the school day will be required for rehearsals and performances. In addition, a limited number of public performances may serve as a culmination of daily rehearsal and music goals. Students must participate in performance opportunities that support and extend learning. Students can expect to learn and perform different jazz styles in full ensemble and combo size groups. Developing and expanding improvisational skills will also be a main focus of this class.

Sing Sensation Choir (Advanced Women's Choir) *Crs.0865* 2 Sem/2 Credits Grades 9,10,11,12

This course may be taken for successive years.

Sing Sensation is an all-female ensemble. Members are accepted into this choir by audition only. Music will consist of a higher difficulty, and will continue developing an already established understanding of choral technique, sight-reading, and choreography. Sing Sensation will perform in numerous concerts and competitions, require outside rehearsals on a regular basis, and participate in various community events.

Innovation Choir (Advanced Mixed Choir) *Crs. 0860* 2 Sem/2 Credits Grades 9,10,11,12

Innovation is a mixed show choir and concert choir. Music will consist of a higher difficulty, and will address a solid understanding of choral technique, sight-reading, and movement/choreography. This course also stresses the importance of singing, dancing, and acting according to multiple interpretations of music. Innovation will perform in numerous concerts, require outside rehearsals on a regular basis, and participate in various community events.

Sapphire Choir (Beg. Women's Choir) *Crs. 0880* 2 Sem/2 Credits Grades 9,10,11,12

Sapphire is an all-female ensemble. This course stresses the continued development of musicianship and performance skills as a chorus member. Students will further knowledge of choral technique, sight-reading, and music vocabulary. A small amount of concerts throughout the year will be required of each chorus member, and a small amount of extra rehearsal time will be scheduled.

Music Men (Beginning Men's Choir) *Crs. 0856* 2 Sem/2 Credits Grades 9,10,11,12

Music Men is an all-male ensemble. Members of this choir will learn to handle vocal developments that occur in the teenage male singer. Music Men will develop a solid understanding of pitch, rhythm, and musical interpretation. Members will also learn the basics of music theory, and incorporate those lessons into performances. Music Men will perform in a small amount of concerts throughout the year, and various rehearsals will be required outside of class time

Prerequisites: Teacher Recommendation from Band or Choral Director

Music Theory is a class that will expand the musician's knowledge of music fundamentals. Students will learn to master basic melody construction, chord construction, dictations (rhythmic, harmonic, and melodic), and further their understanding of music vocabulary. Prerequisites include the ability to demonstrate proficiency on a melodic musical instrument-either vocal or instrumental-at the appropriate level for high school. Students successfully completing this course will have the skills necessary to pass the music theory section of the college music admission test.

Physical Education Department

Physical Education I *Crs. 0605* 1 Sem/1 Credit Grades 9,10

Physical Education I continues the emphasis on health-related fitness and developing the skills and habits necessary for a lifetime of activity. This program includes skill development and the application of rules and strategies of complex difficulty. Ongoing assessment includes both written and performance-based skill evaluations. Physical Education class provides the opportunity for students to express themselves through varied team and individual physical activities and classroom work. We will introduce and practice drills and skills for the following activities: golf, archery, gymnastics, swimming, aerobics, wrestling, tennis, cross country and team sports which include touch football, basketball, volleyball, softball, hockey, and soccer. We will also use a personal fitness textbook and alternate classroom and physical. All students are required to dress for class in a PE uniform. Students receiving an A or B in this class may choose from all elective classes next year if they wish.

Physical Education II *Crs. 0615* 1 Sem/1 Credit Grades 10,11

Electives can take the place of PEII if earned a grade of A or B.

Physical Education II emphasizes a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, and social interaction. This course provides students with opportunities to achieve and maintain a health-enhancing level of physical fitness and increase their knowledge of fitness concepts. It includes at least three different movement forms without repeating those offered in Physical Education I.

Health Education *Crs. 0650* 1 Sem/1 Credit Grades 10,11,12

High School health education provides the basis for continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and well-being. This course assists students in understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote health and prevent disease. This course is designed to acquaint the student with the body and its functions; to present information beneficial to the physical, mental, social, and emotional wellness of the individual. We will present general rules of safety for home, school, work, and community activities. We will present an intense study in alcohol, drugs, and tobacco; and acquaint the students with physical and social problems that exist with substance abuse. We will present a comprehensive study of personality development in relationship to emotions, stress, and mental disorders. We will study relationships and its involvement with the family, friends, and dating partners. We will present information concerning sexually transmitted diseases, birth control, and AIDS. The students will learn the benefits of basic fitness and its relationship to exercise and nutritional needs. The program on health helps students develop the skills they need to cope within a world of complex health concerns. Our perspectives on health emphasize the importance of responsible decision-making in relation to a student's overall wellness.

Athletic Development/Adv. P.E. II *Crs. 0639* 1 Sem/1 Credit Grades: 9,10,11,12 Prerequisite:

Can take in place of PE II if PE I is passed successfully with an A or B

Advanced P.E.—Weight Training is an intensified program in muscular development through the use of free weights and the Universal Weight Machine. Emphasis is placed on cardiovascular endurance, flexibility, strength, power, body development, and basic physiology. Nutritional aspects of muscular growth will also be emphasized.

Lifeline/Adv. P.E. II *Crs. 0647* 1 Sem/1 Credit Grades 10,11,12

Prerequisites: Physical Education I (*Can take the place of P.E. II if an "A" or "B" is earned in P.E. I*)

Elective Physical Education promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in specific areas.

Science Department

Biology I Freshman Academy <i>Crs. 0413</i>	2 Sem/2 Credits	Grade 9
Biology I <i>Crs. 0410</i>	2 Sem/2 Credits	Grades 10,11,12

Biology I provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) cope with biological questions and problems related to personal needs and social issues.

Biology II (Anatomy/Physiology) <i>Crs. 0418</i>	2 Sem/2 Credits	Grades 11,12
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Prerequisites: Biology I & Chemistry (must attain a letter grade of 'C' or better).

Biology II, Anatomy/Physiology, may provide for the in-depth investigation of one or more specialized biological disciplines, such as botany, comparative anatomy, ecology, genetics, human physiology, marine biology, zoology, or alternatively for an in-depth study of the application of biological concepts and principles to specific environmental and health issues.

Biology Advanced Placement <i>Crs 0415</i>	2 Sem/2 Credits	Grades 11,12
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Prerequisites: Biology I & Chemistry I

Biology Advanced Placement is a course based on the content established by the College Board. Topics include: (1) molecules and cells: chemistry of life, cells, cellular energetics; (2) heredity and evolution: heredity molecular genetics, evolutionary biology; and (3) organisms and populations: diversity of organisms, structure and function of plants and animals, ecology. The major themes of the course include: science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature and science, technology, and society.

Chemistry I <i>Crs. 0425</i>	2 Sem/2 Credits	Grades 10,11,12
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Prerequisite: Algebra I, Biology

Chemistry I allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and its chemical reactions. Chemistry is designed for students who wish to attain an understanding of the fundamentals used when evaluating chemical problems. Topics such as the structure of matter, kinetic theory of gases, chemical bonding, naming chemical formulas, atomic structure, and acid and base chemistry are presented in lectures and illustrated by many exercises and experiments throughout the course.

Chemistry II Dual Credit <i>Crs. 0424</i>	2 Sem/2 Credits	Grades 11,12
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Prerequisites: Minimum of B average in Chemistry I—Algebra II (may be taken concurrently).

Chemistry II, general, provides for extended laboratory and literature investigations of the chemical reactions of matter in living and nonliving materials. This course stresses the unifying themes of chemistry, the development of physical and mathematical models of matter and its interactions, and the methods of scientific inquiry. This course is designed for college-bound students wishing to gain greater knowledge in complex chemical theory and reactions, acid-based chemistry, bonding, solutions, thermo chemistry, and reaction rates. To receive college credit a Purdue University North Central application must be completed and the course fee paid.

Earth Space Science I <i>Crs. 0420</i>	2 Sem/2 Credits	Grades 9,10,11, 12
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Earth and Space Science I provides a study of the earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. This course emphasizes the study of energy at work in forming and modifying earth materials, land forms, and continents through geological time. Students have opportunities to gain an understanding of the history of the development of the earth and space sciences, to explore the uses of knowledge of the earth and its environment in various careers, and to cope with problems related to personal needs and social issues. Earth Science is designed to introduce students to dynamic Earth systems. The history of the Earth, both its geologic and evolutionary history, is emphasized. Changes in the structure of the Earth, such as mountain building and earthquakes, as well as its climate and ecology are key topics. Students are also exposed to the astronomical sciences in this course.

Environmental Science Advanced Dual Credit <i>Crs.0430</i>	2 Sem/ 2 Credits	Grades 11,12
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Prerequisites: Biology I

Environmental Science Advanced is an interdisciplinary course that integrates biology, earth science, chemistry, and other disciplines. Students enrolled in this course conduct in-depth scientific studies of ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students completing Environmental Science, Advanced acquire the essential tools for understanding the complexities of national and global environmental systems. To receive college credit a Purdue University North Central application must be completed and the course fee paid.

Integrated Chemistry-Physics Crs. 0427 2 Sem/2 Credits Grades 10,11,12

Prerequisites: Algebra I

Integrated Chemistry-Physics is a laboratory-based course in which students explore fundamental chemistry and physics principles. Students enrolled in this course examine, through the process of scientific inquiry, the structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter. Working in the laboratory environment, students investigate the basics of chemistry and physics in solving real-world problems that may have personal or social consequences beyond the classroom.

Physics I Crs. 0435 2 Sem/ 2 Credits Grades 11,12

Prerequisites: Must have a "B" or better in Geometry, C+ or better in Algebra II or taken concurrently

Physics I aids students in synthesizing the fundamental concepts and principles concerning matter and energy through the laboratory study of mechanics, wave motion, heat, light, electricity, magnetism, electromagnetism, and atomic and nuclear physics. Physics is the most fundamental of the sciences. It deals with the behavior and structure of matter. The origin of the universe, expansion of space, general theory of relativity, black holes and curved space, birth and death of stars. Lab work is required and problem solving skills are emphasized.

Physics B, Advanced Placement Crs. 0431 2 Sem/2 Credits Grades 11,12

Prerequisites: Physics I & Calculus concurrent

Physics B, Advanced Placement is a course that provides students with the content established by the College Board. Topics and their relative emphasis include: (1) Newtonian Mechanics (35%); (2) Fluid Mechanics and Thermal Physics (15%); (3) Electricity and Magnetism (25%); (4) Waves and Optics (15%); (5) Atomic and Nuclear Physics (10%). *Taking this class simultaneously with Calculus is strongly recommended*

PLTW Courses

(These courses are approved for elective science credit)

Principles of Biomedical Science, Dual credit Crs. 0217 2 Sem/2 Credits Grades 9,10,11,12

Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes, and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.

Human Body Systems, Dual Credit Crs. 0210 S1 & S2 2 Sem/2 Credits Grades 10,11,12

Prerequisite : Principles of Biomedical Science

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

Medical Intervention, Dual credit Crs. 0219 S1 & S2 2 Sem/2 Credits Grades 11, 12

Prerequisite : Principles of Biomedical Science & Human Body Systems

Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario introduces multiple types of interventions and reinforces concepts learned in the previous two courses, as well as presenting new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions are showcased across the generations of the family and provide a look at the past, present and future of biomedical science. Lifestyle choices and preventive measures are emphasized through out the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.

Biomedical Innovation, Dual credit Crs 0209 S1 & S2 2 Sem/2 Credits Grades 11,12

Prerequisites: Principles of Biomedical, Human Body Systems & Medical Intervention

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physicians office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

***Students are eligible for dual credit upon successfully passing the end of course exam provided by PLTW.**

Social Sciences Department

World History I&II *Crs. 0311 & 0312* 2 Sem/2 Credits Grades 9,10,11,12

World History and civilization provides for a study of selected world cultures, past and present. The content of this course provides a basis for students to compare and analyze patterns of culture, emphasizing both the diversity and commonality of human experience and behavior. This course emphasizes the interaction of local cultures with the natural environment, as well as the connections among civilizations from earliest times to the present. This course traces the development of human culture from its beginning to the present, viewing the diverse political, religious, social, and economic systems found in the history of man.

World History AP *Crs. 0314 S1 & S2* 2 Sem/2 Credits Grades 9, 10

World History Advanced Placement is a course that provides students with the content established by the College Board. The course will have a chronological frame from the periods 8000 B.C.E. to the present. AP World History focuses on five overarching themes (1) interaction between humans and the environment, (2) development and interaction of cultures, (3) state-building, expansion, and conflict, (4) creation, expansion, and interaction of economic systems, and (5) development and transformation of social structures.

***United States History I & II** *Crs. 0325, 0330* 2 Sem/2 Credits Grade 11

Two semesters are required for graduation.

United States History emphasized national development in the late nineteenth and the twentieth centuries and builds upon concepts developed in previous studies of American history. Students in this course also identify and review significant events, figures and movements in the early development of the nation. After providing such a review, the course gives major emphasis to the interaction of historical events and geographic, social, and economic influences on national development in the late nineteenth and twentieth centuries. A chronological, topical, or comparative approach can be used in developing themes from America's past as they relate to the life in Indiana and the US today. United States History is a study of our country's history, beginning with early exploration and progressing to the present. Emphasis is made, whenever possible, to present our history in relation to the present-day United States

United States History, AP *Crs. 0324 (Must have approval of teacher)* 2 Sem/2 Credits Grades 11,12

The course will have a chronological frame from 1492 to the present.

United States History, Advanced Placement is a two-semester course which builds upon concepts developed in previous studies of American history. Students in this course are expected to identify and review significant events, persons, and movements in the early development of the nation. After providing such a review, the course gives major emphasis to the interaction of key events, person, and groups with political, economic, social, and cultural influences on state and national development in the late nineteenth, twentieth, and early twenty-first centuries. Students are expected to trace and analyze chronological periods and examine the relationship of significant themes and concepts in Indiana and United States history. They are expected to develop skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis and interpretation, and research that uses primary and secondary sources found at local and state historic sites, museum, libraries, and archival collections, including electronic sources. Opportunities are given to develop inquiry skills by gathering and organizing information from primary source material and a variety of historical and contemporary sources, accounts, and documents that provide diverse perspectives. Investigation of themes and issues includes cultural pluralism and diversity of opinion in American society. There is a considerable amount of reading and writing for this course.

Geography & History of the World I & II *Crs. 0305 & 0302* 2 Sem/2 Credit Grades 9,10,11,12

World Geography provides an opportunity to study the interaction of humans and their environment in space and time. This course helps students understand global patterns of physical and cultural characteristics. The study of cultural settings should also include political structures, ways of life, customs, and past events that have influenced or have been influenced by the environment. World Geography provides the opportunity to study the five basic geographic themes of: (1) location, (2) place, (3) relationships within places, (4) movement, and (5) regions as they apply to selected areas of the world. Regions selected for study will vary but should include examples from each continent. These studies focus upon the relationships among regions and exemplify important geographic concepts and problems. This course explores physical and political geography. Locations and map study are emphasized during the semester. There are many hands-on and interactive activities included in the curriculum of this course.

Human Geography AP *Crs. 0317 S1 & S2* 2 Sem/2 Credits Grades 10,11,12

Prerequisites: Geography & History of the World I & II or AP World History I & II

Human Geography Advanced Placement is a course based on the content established by the College Board. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Topics include: (1) Geography: its nature and perspectives, (2) population, (3) cultural patterns and processes, (4) political organization of space, (5) agriculture and rural land use, (6) industrialization and economic development, and (7) cities and urban land use.

This course is required for graduation.

United States Government provides a framework for understanding the nature and importance of responsible civic participation and for learning the rights and responsibilities of individuals in a constitutional democracy. Constitutional structure and the processes of the legislative, executive, and judicial branches of the national, state, and local levels of government are examined. Students learn to draw conclusions about the impact and interrelationships of history, geography, and economics upon our system of government. They also learn to demonstrate an understanding of the governmental structures of the United States and other political systems, as well as, the relationship of American government to world affairs. Students learn to analyze the roles of individuals and groups in the political process by identifying and analyzing political issues. They also learn to access data from primary and secondary resources and use current technology to access relevant source materials and as a tool for producing documents in support of learning projects. Students have opportunities to take, defend, and evaluate positions on current issues that impact political decision making.

American Government, AP Crs. 0343 (Must have approval of teacher)

American Government, Advanced Placement, is a course that builds upon concepts developed in previous studies of government, history, and social studies. Students in this course are expected to identify and review significant ideas, events, court cases, and movements in American political thought. Understanding the nature and importance of responsible civic participation is emphasized, as well as the rights and responsibilities of individuals in a constitutional democracy. Constitutional structure and the processes of the legislative, executive, and judicial branches of the national, state, and local levels of government are examined. Each branch of government is studied as to its construction, powers, and purpose. Fundamental legal rights within the framework of the political system are also studied. Additional studies focus on the sources of public authority and political power, the relationship between state and society, the relationship between citizens and states, political institutions, and political change. There is a considerable amount of reading and writing for this course.

Current Problems, Issues, and Events Crs 1824

This class provides opportunities to apply techniques of investigation and inquiry to the study of significant current events and issues. Students develop competence in: (1) recognizing cause and effect relationships, (2) recognizing fallacies in reasoning and propaganda devices, (3) synthesizing knowledge into useful patterns, (4) stating and testing hypotheses, and (5) generalizing based on evidence. Problems or issues selected will have contemporary historical significance and will be studied from the viewpoint of the social science discipline.

***Economics Crs. 0335**

This course is required for graduation.

Economics includes a study of the allocation of scarce resources and their alternative uses for satisfying human wants. This course examines basic models of decision making at various levels and in different areas including; (1) decisions made as a consumer, producer, saver, investor, and voter; (2) business decisions to maximize profits; and (3) public policy decisions in specific markets dealing with output and prices in the national economy. Basic decisions will face students as consumers throughout their lives. Consumer needs are studied with special attention paid to investment programs as well as the process of shopping wisely when the need to borrow arises. The economy is studied to learn how goods and services are produced to create income and how the flow of income is important.

Psychology Crs. 0315

Prerequisite: 10th—12th grade students should be above average with a minimum 2.5 G.P.A.

Psychology provides an opportunity to study individual and social psychology and how the knowledge and methods of psychologists are applied to the solution of human problems. Content for the course includes some insights into behavior patterns and adjustments to social environments. The course should develop critical attitudes toward superficial generalizations about human beings, respect for the difficulty of establishing the truth of a proposition, and a heightened sensitivity to the feelings and needs of others. This course includes the study of human development in the areas of the mental and behavioral process. The major focus of this class will be on the following: the history of psychology, theories of learning and memory, self-esteem and personality development, altered states of consciousness, abnormal behavior, and research design.

Sociology Crs. 0320

Prerequisite: 10th—12th grade students should be above average with a minimum 2.5 G.P.A.

Sociology provides opportunities for students to study group behavior and basic human institutions. Broad areas of content include the study of institutions found in all societies and could involve: (1) the family (2) religion, (3) community organizations, (4) political and social groups, and (5) leisure time organizations. Moral values, traditions, folkways, the mobility of people, and other factors of society which influence group behavior should also be included in the study of Sociology. This course investigates the structure and origin of society and culture and explains the functions of social instruction. The major focus of this class will be on our changing society, socializing agents (the family, schools, peers, and the media), and current social problems. Understanding our society as a means of becoming a more productive member is stressed.

Vocational/Multi-Disciplinary Programs

Career Exploration Internship Crs. 1260

1 Sem/1 Credit

Grades 12

This is a Pass/Fail course. Students must provide their own transportation. May be taken up to two semesters.

Prerequisites: Application, 2.5 GPA or higher, no discipline infractions.

Career Exploration Internship is an unpaid work experience that enables students to gain knowledge, work experience, and an understanding for the work requirements in a specific career interest area. This course is a means of linking academic learning with career and community experiences. Internship is scheduled during a class period at a mutually agreed upon site based on the student's career interests. An individualized learning agreement and plan will outline the expectations of all parties—the student, parent, school, and intern mentor. Students must provide their own transportation.

Medical Terminology, Dual credit Crs. 5274 S1 & S2

2 Sem/2 Credits

Grades 10,11,12

This health academy requirement prepares students to speak and understand the language used in health and medical materials. Students have the opportunity to acquire skills in interpreting medical records and abbreviations used in hospital and clinical settings. Students will have the opportunity to join and compete in the HOSA (health occupation student association) events at the state level.

Introduction to Health Care Systems Crs. 5272 S1 & S2

2 Sem/2 Credits

Grades 10,11,12

This elective gives the student the opportunity to explore a number of health occupations and identify specific skills needed in their chosen field. It will combine valuable classroom curriculum with a hands on approach for learning technical skills. The class will explore the disease process and diagnostic interventions to regain wellness including information on medicines, treatments, surgery and rehabilitation of the individual. Technical skills include learning to take vital signs: temperature, pulse, respirations and blood pressure as well as learning to transfer a patient from bed to wheelchair using proper body mechanics. Certifications include CPR/ First Aid with an introduction to Certified Nurse Assistant (CNA) competencies. **At this time CNA certification is not offered, however, students will be introduced to the competencies needed for certification.**

Exploring the Self as Teacher Crs. 1362

2 Sem/2 Credit

Grades 11,12

Dual Credit Option for Students. Prerequisites: 2.5 GPA or higher, no discipline infractions. Students must have their own transportation to elementary and middle school.

This elective course provides students in grades eleven (11) or twelve (12) organized exploratory teaching experiences in grades kindergarten (K) through grade eight (8). This course provides a balance of class work relating to: (1) classroom organization, (2) classroom management, (3) the curriculum and instructional process, (4) observations of teaching, and (5) instructional experiences. Students will explore a variety of education/teaching issues. Self-exploration will be blended with concrete analysis of the teaching profession. First semester is spent in the high school classroom; second semester is primarily spent in the surrounding elementary schools or the junior high cadet teaching. **Exploring the Self as Teacher** is a prerequisite for subsequent cadet teaching through the Career Exploration Internship course.

***This course may be taken for college credit through the Advanced College Project of Indiana University and earn 3 college credits. Students must complete the ACP application and pay tuition within the deadlines established by Indiana University South Bend. It is the choice of the student to take the class for high school credit only or for both high school and college credit.*

Vocational Technical Department

A. K. Smith Career Center

The A.K. Smith Career Center in Michigan City has an extensive program that is available to New Prairie High School students. Juniors and Seniors who select this program will attend New Prairie High School two periods each day. The remainder of the school day will be allocated to completing the requirements of their specific programs. The following vocational programs are available to juniors and seniors who:

1. *have completed 9th and 10th grade requirements*
2. *have related career goals*
3. *have counselor approval of junior and senior course selections*
4. *have a steady attendance record*

Automotive Services Technology I Crs. V65700

2 Sem/6 Credits

Grade 11,12

Automotive Services Technology I gives the student the opportunity to study in-depth the many different facets of the automotive service trades. All students will participate in Service Manager/Service Advisor Program to foster leadership and teamwork. The learner will receive training in electrical systems, brakes, suspension systems and engine performance. The student will have access to sub systems such as heating & cooling where certification in the field of air conditioning is very marketable in the workforce today. The student will develop a desirable attitude toward work and quality performance. Students can achieve Technical proficiencies from the Indiana State Certification. This certification is recognized statewide. Automotive Services Technology I is a prerequisite for Automotive Services Technology II. **Certification:** State of Indiana, Certificates of Technical Achievement. MACS, R12 Refrigerant, Automotive Welding, Hours toward ASE Certification in brakes, suspension systems, engine performance, AC/heating, automatic transmission/Transaxle, manual transmission, and electrical systems.

Automotive Services Technology II Crs. V65730

2 Sem/6 Credits

Grade 11,12

Automotive Services Technology II student will continue his/her studies with in-depth experiences in engine rebuilding. The student will also receive advanced training in fuel injection and many specialized automotive fields for today's Automotive Technician. Successful completion of this program will present the student with the skills required to enter into many areas of this profession.

Certification: State of Indiana, Certificates of Technical Achievement. MACS, R12 Refrigerant, Automotive Welding, Hours toward ASE Certification in brakes, suspension systems, engine performance, AC/heating, automatic transmission/transaxle, manual transmission, and electrical systems. For ASE certification two years of Automotive Services Technology is equal to one year field experience.

Recreational & Portable Power Equipment I *Crs. V65760* 2 Sem/6 Credits Grades 11,12

Recreational & Portable Power Equipment I gives the student the opportunity to study in-depth the different types of portable and stationary power units; including the applications of small internal combustion engines to the many types of recreational vehicles (cycles, snowmobiles, mini-bikes, sport craft, etc.) and other portable power producing units (chainsaws, mowers, lawn tractors, marine engines, etc). The student will study fundamentals of electricity and hydraulics, cooling systems, engine electrical systems, compression ignitions, starting systems, fuel systems, lubricate on systems, carburetors, drive systems, trouble shooting systems, and how all these systems relate to portable and stationary power units along with select automotive systems. **Certification:** State of Indiana, Certificates of Technical Achievement in electronics and metalworking.

Recreational & Portable Power Equipment II *Crs. V65790* 2 Sem/6 Credits Grade 12

Recreational & Portable Power Equipment II allows the student to select a major area of study. The student will be exposed to higher-level projects and theory in their selected area of concentration. Job seeking skills are also covered. **Certification:** State of Indiana, Certificates of Technical Achievement in electronics and metalworking.

Precision Machine Technology I *Crs. V65940* 2 Sem/6 Credits Grade 11,12

Precision Machine Technology includes a wide range of classroom and laboratory experiences that develop skills and knowledge in the shaping of metal parts. Emphasis is placed on basic precision machining operations including the use of lathes, drill presses, and grinders, in addition to mill and bench work. Instruction includes the use and care of other precision tools such as micrometers, indicators, combination squares, scales, and calipers. Advanced instruction should include preparation in the use of Computer Numerically Controlled (CNC) machines that reflect current industry practices. Application of mathematical skills and blue print reading is part of the daily experience. Technical reading and writing skills will also be emphasized. Qualified students may participate in the Manufacturing Academy. **Certification:** State of Indiana, Certificates of Technical Achievement **Articulation:** Ivy Tech (12 dual credits), Vincennes University (6 dual credits), Purdue Calumet & Lake Michigan College (6 dual credits)

Precision Machine Technology II *Crs. V65970* 2 Sem/6 Credits Grade 12

Precision Machine Technology II advanced manufacturing processes will be emphasized. Individual study will be utilized to optimize the students' needs and requirements. **Certification:** State of Indiana, Certificates of Technical Achievement **Articulation:** Ivy Tech, Vincennes University, Purdue Calumet & Lake Michigan College

Welding Technology I *Crs. V65820* 2 Sem/6 Credits Grades 11,12

Welding Technology I is designed to prepare students for entry level employment in the metal working industry. The areas of instruction include: Shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, flux cored arc welding, oxy-acetylene cutting, and plasma cutting. Welding skills are essential for many career opportunities. New areas of computer assisted welding, computer assisted burning, programming, AWS certification, and AWS entry level skills are available. **Articulation:** See Welding II

Welding Technology II *Crs. V65850* 2 Sem/6 Credits Grade 12

Welding Technology II is designed to AWS entry level and advanced level procedures. Emphasis is put on problem solving. Qualified students may participate in the Manufacturing Academy. **Certification:** State of Indiana, Certificates of Technical Achievement. American Welding Society, AWS Certification. **Articulation:** Ivy Tech (12 dual credits)

Culinary Arts Careers I *Crs. V66010* 2 Sem/6 Credits Grades 11,12

The Culinary Science curriculum will follow the National Restaurant Association's Pro Start program. (school-to-career program) It is designed to prepare students with the entry level knowledge and skills that are required in the food services industry and provide an opportunity for these students to relate their culinary and academic skills to an actual business. Students concentrate on kitchen skills and the preparation of basic recipes. Math skills are strengthened and applied through measuring and converting recipes. Quality food production, sanitation, safety, pantry work, food storage, basic cash register skills, food service skills, basic supervision techniques, menu writing and kitchen organization and design are some of the areas addressed by first year students.

Culinary Arts Careers II *Crs. V66040* 2 Sem/6 Credits Grade 12

The skill emphasis is placed upon advanced preparation techniques that can be applied to any type of feed services operation. Employability skills such as resume writing, completing job applications, and dependable work habits will be taught. Second year students have the option to take part in a 400 hour mentoring experience in a restaurant of their choice. In addition, after the successful completion of year 1 and 2 final examinations, and 400 hour mentoring experience, students are eligible for a scholarship to attend a culinary school of their choice. Some of the events include special cooking labs, cake decorating, field trips, catering projects such as: pie baking sales, ethnic food sales, and community services utilizing students' culinary skills. **Both first and second year students assist in the mock restaurant operation of AKCafe.** **Certification:** State of Indiana, Certificates of Technical Achievement, National Restaurant Association, Pro-Start Certificate **Articulation:** Ivy Tech (12 dual credit hours)

World Language

French I Crs. 0525 <i>Always offered</i>	2 Sem/2 Credits	Grades 9,10,11,12
Spanish I Crs. 0505 <i>Always offered</i>	2 Sem/2 Credits	Grades 9,10,11,12
German I Crs. 2037 <i>Always offered</i>	2 Sem/2 Credits	Grades 9,10,11,12
Mandarin Chinese I Crs 0504 <i>Always offered</i>	2 Sem/2 Credits	Grades 9,10,11,12

Prerequisite: "C" average in English

World Language I introduces students to effective strategies for beginning world language learning, and to various aspects of world language culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to the basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write short passages with guidance. This course also emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Additionally, students will examine the practices, products and perspectives of world language culture; recognize basic routine practices of the target culture; and recognize and use situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding world language and culture outside of the classroom.

French II Crs. 0530	2 Sem/2 Credits	Grades 9,10,11,12
Spanish II Crs. 0510	2 Sem/2 Credits	Grades 9,10,11,12
German II Crs. 2000	2 Sem/2 Credits	Grades 9,10,11,12
Mandarin Chinese II Crs. 0503	2 Sem/2 Credits	Grades 9,10,11,12

Prerequisites: Must pass the Essential Skills Level 1 Test for French, Spanish and German I. Must pass both semesters with a grade of C- or better

World Languages II builds upon effective strategies for world language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, in expanded contexts, participate independently in brief conversations on familiar topics, and write cohesive passages, with greater independence and using appropriate formats. This course also emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning comprehending longer written or oral directions. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will describe the practices, products and perspectives of world languages speaking culture; report on basic family and social practices of the target making connections across content areas and the application of understanding world language and culture outside of the classroom.

French III Crs. 0535	2 Sem/2 Credits	Grades 10,11,12
Spanish III Crs. 0515	2 Sem/2 Credits	Grades 10,11,12
German III Crs. 1997	2 Sem/2 Credits	Grades 10,11,12
Madarin Chinese III	2 sem/ 2 credits	Grades 10, 11, 12

Prerequisites: Must pass French II, Spanish II, German II with a grade of C- or better both semesters.

World Language III builds upon effective strategies for world language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write cohesive information with greater detail. This course also emphasizes the continued development of reading and listening comprehension skills, such as using cognates, synonyms and antonyms to derive meaning from written and oral information, as well as comprehending detailed written or oral directions. Students will address the presentational mode by presenting student-created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will continue to develop understanding of world language speaking culture through recognition of the interrelations among the practices, products and perspectives of the target culture. This course further emphasizes making connections across content areas as well the application of understanding world language and culture outside of the classroom.

French IV <i>Crs. 0540</i>	2 Sem/2 Credits	Grades 11,12
Spanish IV <i>Crs. 0520</i>	2 Sem/2 Credits	Grade 12
German IV <i>Crs. 2001</i>	2 Sem/2 Credits	Grade 12
Prerequisites: Must pass French III, Spanish III, German III with a C– or better both semesters.		
French V <i>Crs. 0545</i>	2 Sem/2 Credits	Grades 12
Spanish V <i>Crs. 0523</i>	2 Sem/2 Credits	Grade 12

Prerequisites: Spanish IV with a C– or better average.

World Language IV & V provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of world language speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the world language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native world language speakers.

Career Academies

New Prairie High School is proud to provide a learning community in which groups of students with common teachers participate in integrated academic and career/technical courses related to a career focus area. Examples: Project Lead-the-Way (engineering); Finance Academy. A career academic sequence is a flexible sequence of courses designed to help a student explore and prepare for a specific career area or group of related occupations. Career academic sequences are selected and defined by local school corporations and recommended for all students regardless of postsecondary intentions. A career academic sequence includes progressive exposure to the world of work, with some leading to a certificate recognized by business and industry.

A career academic sequence is flexible. As a student progresses in a sequence and learns more about a specific career area, he/she may:

1. **Remain** in the same career pathway throughout high school;
2. **Switch** career pathways to explore an additional career area; or
3. **Enroll** in a multi-credit career/technical program designed to help students

develop knowledge and skills related to a specific occupation. Many multi-credit career/technical programs offer both high school and postsecondary credit. New Prairie High School staff wish to encourage students and parents to check out the State of Indiana Department of Education website at:

<http://www.doe.in.gov/pathways/CrrClstrPathways.html>

which will link you to valuable in depth information.

Academy of Arts and Communications
Performing Arts: MUSIC

9th Grade (14 credits)	10th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Band/Vocal Music (2 sem/2 cr)	Required Electives: Band/Vocal Music (2 sem/2 cr)
Suggested Electives: World Languages(2 sem/2 cr) Art Elective (2 sem/2 cr) English Elective(1 sem/1 cr)	Suggested Electives: Business (1 sem/1 cr) World Languages(2 sem/2 cr) Art Electives (1 sem/1 cr) Social Science Elective (1 sem/1 cr)
11th Grade (16 credits)	12th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Band/Vocal Music (2 sem/2 cr) Music Elective (1 sem/1 cr)	Required Electives: Band/Vocal Music (2 sem/2 cr) Music Elective (1 sem/1 cr)
Suggested Electives: World Languages (2 sem/2 cr) Music Related Internship (1 sem/1 cr) Art Electives (1 sem/1 cr) English Electives (1 sem/1 cr)	Suggested Electives: World Languages (2 sem/2 cr) Internship: Cadet Music Teacher <i>or</i> Intern at Music Store (1 sem/1 cr)

Academy of Arts and Communications
Performing Arts: SPEECH & THEATRE

9 th Grade (14 credits)	10 th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Speech (1 sem/1 cr)	Required Electives: Theatre Arts I & II (2 sem/2 cr) <i>and/or</i> Theatre Production I & II (2 sem/2 cr) <i>and/or</i> Advanced Theatre Arts/Acting I & II (2 sem/2 cr)
Suggested Electives: World Languages(2 sem/2 cr) Art Elective (2 sem/2 cr) Music Elective (2 sem/2 cr) English(1 sem/1 cr) Business (1 sem/1 cr)	Suggested Electives: Business (1 sem/1 cr) World Languages(2 sem/2 cr) Art Elective (2 sem/2 cr) Music Elective (2 sem/2 cr) English (1sem/1 cr) Social Science Elective (1 sem/1 cr)

11 th Grade (16 credits)	12 th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Theatre Production I & II (2 sem/2 cr) <i>and/or</i> Advanced Acting (2 sem/2 cr) <i>and/or</i> Advanced Theatre Arts/Acting I & II (2 sem/2 cr) <i>and/or</i> Theatre Arts I & II (2 sem/2 cr)	Required Electives: Theatre Production I & II (2 sem/2 cr) <i>and/or</i> Advanced Acting (2 sem/2 cr) <i>and/or</i> Advanced Theatre Arts/Acting I & II (2 sem/2 cr) <i>and/or</i> Theatre Arts I & II (2 sem/2 cr)
Suggested Electives: World Languages (2 sem/2 cr) Art Elective (1 sem/1 cr) Music Elective (2 sem/2 cr) English Elective(1 sem/1 cr) Business (1 sem/1 cr)	Suggested Electives: World Languages (2 sem/2 cr) Art Elective (1 sem/1 cr) Music Elective (2 sem/2 cr) English Elective(1 sem/1 cr) Business (1 sem/1 cr)

Academy of Arts and Communications
Performing Arts: PUBLISHING ARTS

9 th Grade (14 credits)	10 th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Computer Applications I (1 sem/1 cr) Computer Application Adv. I (1 sem/1 cr) Intro to 2D Art (1 sem/1 cr) Intro to 3D Art (1sem/1 cr)	Required Electives: Creative Writing I (1 sem/1 cr) <i>and</i> Creative Writing II (1 sem/1 cr) Computer Applications I (1 sem/1 cr) <i>and/or</i> Computer Application Adv. I (1 sem/1 cr) Newspaper (2 sem/2 cr) <i>and/or</i> Yearbook (2 sem/2 cr)
Suggested Electives: Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Elective (2 sem/2 cr) English Elective (1 sem/1 cr) Music Electives (2 sem?2 cr)	Suggested Electives: Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Elective (2 sem/2 cr) English Elective (1 sem/1 cr) Social Science Elective (1 sem/1 cr) Music Electives (2 sem?2 cr)

11 th Grade (16 credits)	12 th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Newspaper (2 sem/2 cr) <i>and/or</i> Yearbook (2 sem/2 cr) Creative Writing II (1 sem/1 cr)	Required Electives: Newspaper (2 sem/2 cr) <i>and/or</i> Yearbook (2 sem/2 cr) Creative Writing II (1 sem/1 cr)
Suggested Electives: World Languages (2 sem/2 cr) Art Elective (2 sem/2 cr) English Elective(1 sem/1 cr) Business Elective (1 sem/1 cr) Music Elective (2 sem/2 cr)	Suggested Electives: World Languages (2 sem/2 cr) Internship (1 sem/1 cr) Art Elective (2 sem/2 cr) English Elective(1 sem/1 cr) Business Elective (1 sem/1 cr) Music elective (2 sem/2 cr)

Academy of Arts and Communications

Performing Arts: VISUAL ARTS

9 th Grade (14 credits)	10 th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Intro to 2D/3D Art (2 sem/2 cr)	Required Electives: Drawing I (1 sem/1 cr) <i>and/or</i> Ceramics I/Sculpture I (1 sem/1 cr ea.) <i>and/or</i> Painting I (1 sem/1 cr) <i>and/or</i> Visual Communication (1 sem/1 cr) <i>and/or</i> Printmaking (1 sem/1 cr)
Suggested Electives: World Languages(2 sem/2 cr) Music Electives (1 sem/1 cr) Business Elective (1 sem/1 cr) Industrial Tech (1 sem/1 cr)	Suggested Electives: World Languages(2 sem/2 cr) Music Electives (1 sem/1 cr) Business Elective (1 sem/1 cr) Industrial Tech (1 sem/1 cr) Social Science Elective (1 sem/1 cr)

11 th Grade (16 credits)	12 th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Drawing I & II (1 sem/1 cr ea.) <i>and/or</i> Painting I & II (1 sem/1 cr ea.) <i>and/or</i> Ceramics I/ Sculpture I (1sem/1 cr ea.) <i>and/or</i> Ceramics II & Sculpture II (1 sem/1 cr ea.) <i>and/or</i> Printmaking (1 sem/1 cr) <i>and/or</i> Visual Communication (1sem/1 cr)	Required Electives: Drawing I & II (1 sem/1 cr ea.) <i>and/or</i> Painting I & II (1 sem/1 cr ea.) <i>and/or</i> Ceramics I/ Sculpture I (1sem/1 cr ea.) <i>and/or</i> Ceramics II & Sculpture II (1 sem/1 cr ea.) <i>and/or</i> Printmaking (1 sem/1 cr) <i>and/or</i> Visual Communication (1sem/1 cr)
Suggested Electives: World Languages(2 sem/2 cr) Music Electives (1 sem/1 cr) Business Elective (1 sem/1 cr) Industrial Tech (1 sem/1 cr)	Suggested Electives: World Languages(2 sem/2 cr) Music Electives (1 sem/1 cr) Business Elective (1 sem/1 cr) Industrial Tech (1 sem/1 cr) Internship (1 sem/1 cr)

Academy of Business
Area of: FINANCE

9th Grade (14 credits)	10th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Computer Applications I (1 sem/1 cr) Business Foundations (1 sem/1 cr)	Required Electives: Computer Applications Adv 1 - BMF(1 sem/1 cr)
Suggested Electives: World Language	Suggested Electives: Speech (1 sem/1 cr) Business Law (1 sem/1 cr)

11th Grade (16 credits)	12th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Accounting I-BMF (2 sem/2 cr) Computer Apps Adv. II –BMF (1 sem/1 cr) Personal Financial Responsibility (1 sem/1cr)	Required Electives: Accounting II-BMF (2 sem/2 cr) Bus. Technology Lab I-BMF (1 sem/1 cr) Bus. Technology Lab II-BMF (1sem/1cr) Entrepreneurship-BMF (1 sem/1cr) Planning for College and Careers (1sem/1cr) Personal Financial Responsibility (1 sem/1 cr)
Suggested Electives: Speech (1 sem/1 cr) Business Law (1 sem/1 cr)	Suggested Electives: Speech (1 sem/1 cr) Business Law (1 sem/1 cr)

Academy of Business

Area of: ADMINISTRATION & INFORMATION SUPPORT

9 th Grade (14 credits)	10 th Grade (16 credits)
<p><i>Freshman Academy</i> (2 sem/6 cr) Math English Science</p>	<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>
<p>PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)</p>	<p>PE (1 sem/1 cr) Health (1 sem/1 cr)</p>
<p>Required Electives: Computer Applications I (1 sem/1 cr) Business Foundations (1 sem/1 cr)</p>	<p>Required Electives: Computer Applications I Adv (1 sem/1 cr)</p>
<p>Suggested Electives: World Language (2 sem/2 cr)</p>	<p>Suggested Electives: Business Law (1 sem/1 cr) Speech (1 sem/1 cr) World Language (2 sem/2 cr)</p>

11 th Grade (16 credits)	12 th Grade (16 credits)
<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>	<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>
<p>US History (2 sem/2 cr)</p>	<p>Government (1 sem/1 cr) Economics (1 sem/1 cr)</p>
<p>Required Electives: Accounting I –BMF (2 sem/2 cr) Computer Apps Adv II –BMF (1 sem/1 cr) Personal Financial Responsibility (1 sem/1 cr)</p>	<p>Required Electives: Desktop Publishing (1 sem/1 cr) Web Design (1 sem/1 cr) Business Tech Lab I (1 sem/1 cr) Business Tech Lab II (1 sem/1 cr) Personal Financial Responsibility (1 sem/1 cr) Planning for College and Careers (1 sem/1 cr)</p>
<p>Suggested Electives: Entrepreneurship (1 sem/1 cr) Speech (1 sem/1 cr) World Language (2 sem/2 cr) Business Law (1 sem/1 cr)</p>	<p>Suggested Electives: Accounting II (2 sem/2 cr) Entrepreneurship (1 sem/1 cr) Speech (1 sem/1 cr) World Language (2 sem/2 cr) Business Law (1 sem/1 cr)</p>

Academy of Engineering and Technology
Area of: PRE-ENGINEERING (PROJECT LEAD THE WAY)

9 th Grade (14 credits)	10 th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Introduction to Engineering Design (2 sem/2 cr)	Required Electives: Principles of Engineering (2 sem/2 cr)
Suggested Electives: Industrial Tech (1 sem/1 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)	Suggested Electives: Industrial Tech (1 sem/1 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr) Social Science Elective (1 sem/1 cr)

11 th Grade (16 credits)	12 th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Digital Electronics(2 sem/2 cr) <i>and/or</i> Aerospace Engineering (2 sem/2 cr) <i>and/or</i>	Required Electives: Digital Electronics(2 sem/2 cr) <i>and/or</i> Aerospace Engineering (2 sem/2 cr) <i>and/or</i>
Suggested Electives: Vocational Building Trades (2 sem/4 cr) Industrial Tech (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)	Suggested Electives: Vocational Building Trades (2 sem/4 cr) Industrial Tech (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr) Internship (1 sem/1 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)

Academy of Engineering and Technology
Area of: CONSTRUCTION TECHNOLOGY

9 th Grade (14 credits)	10 th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: Woodworking General (1 sem/1 cr) Graphic Communications (1 sem/1 cr)	Required Electives: Cabinet Making (2 sem/2 cr) <i>and/or</i>
Suggested Electives: Industrial Tech (1 sem/1 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)	Suggested Electives: Industrial Tech (1 sem/1 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr) Social Science Elective (1 sem/1 cr)

11 th Grade (16 credits)	12 th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Digital Electronics (2 sem/2 cr) <i>and/or</i> Vocational Building Trades (2 sem/4 cr) Cabinet Making (2 sem/2 cr) <i>and/or</i> Graphic Communications	Required Electives: Digital Electronics (2 sem/2 cr) <i>and/or</i> Vocational Building Trades (2 sem/4 cr) Cabinet Making (2 sem/2 cr) <i>and/or</i> Graphic Communications
Suggested Electives: Industrial Tech (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr) World Languages (2 sem/2 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)	Suggested Electives: Industrial Tech (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr) Internship (1 sem/1 cr) World Languages (2 sem/2 cr) Business Elective (1 sem/1 cr) World Languages (2 sem/2 cr) Art Electives (1 sem/1 cr)

Academy of : HEALTH & HUMAN SERVICES

9 th Grade (14 credits)	10 th Grade (16 credits)
<p><i>Freshman Academy</i> (2 sem/6 cr) Math English Science</p>	<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>
<p>PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)</p>	<p>PE (1 sem/1 cr) Health (1 sem/1 cr)</p>
<p>Required Electives: Principles of Biomedical Sciences (2 sem/2 cr) Speech (1 sem/1 cr) World Languages (2 sem/2 cr)</p>	<p>Required Electives: Principles of Biomedical Sciences (2 sem/2 cr) <i>or</i> Human Body Systems (2 sem/2 cr) <i>or</i> Intro. To Health Care Systems (2 sem/2 cr) <i>or</i> Medical Terminology (2 sem/2 cr) <i>and</i> World Languages (2 sem/2 cr)</p>
<p>Suggested Electives: Family & Consumer Science (1 sem/1 cr) Business Elective (1 sem/1 cr)</p>	<p>Suggested Electives: Family & Consumer Science (1 sem/1 cr) Business Elective (1 sem/1 cr) Social Science Elective (1 sem/1 cr)</p>

11 th Grade (16 credits)	12 th Grade (16 credits)
<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>	<p>Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)</p>
<p>US History (2 sem/2 cr)</p>	<p>Government (1 sem/1 cr) Economics (1 sem/1 cr)</p>
<p>Required Electives: Principles of Biomedical Sciences (2 sem/2 cr) <i>or</i> Human Body Systems (2 sem/2 cr) <i>or</i> Intro. To Health Care Systems (2 sem/2 cr) <i>or</i> Medical Intervention (2 sem/2 cr) <i>or</i> Medical Terminology (2 sem/2 cr) <i>and</i> World Languages (2 sem/2 cr) <i>and</i> Psychology (1 sem/1 cr) <i>and</i> Sociology (1 sem/1 cr)</p>	<p>Required Electives: Principles of Biomedical Sciences (2 sem/2 cr) <i>or</i> Human Body Systems (2 sem/2 cr) <i>or</i> Intro. To Health Care Systems (2 sem/2 cr) <i>or</i> Medical Intervention (2 sem/2 cr) <i>or</i> Medical Terminology (2 sem/2 cr) <i>and</i> World Languages (2 sem/2 cr) Psychology (1 sem/1 cr) <i>and</i> Sociology (1 sem/1 cr)</p>
<p>Suggested Electives: IVY TECH Health Courses AK Smith Health Sciences I (2 sem/6 cr) AK Smith Culinary Arts (2 sem/6 cr) Family & Consumer Science (1 sem/1 cr) Business Elective (1 sem/1 cr)</p>	<p>Suggested Electives: IVY TECH Health Courses AK Smith Health Sciences II (2 sem/6 cr) AK Smith Culinary Arts (2 sem/6 cr) Internship (1 sem/1 cr) Family & Consumer Science (1 sem/1 cr) Business Elective (1 sem/1 cr)</p>

Teaching Academy

9th Grade (14 credits)	10th Grade (16 credits)
<i>Freshman Academy</i> (2 sem/6 cr) Math English Science	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
PE (1 sem/1 cr) World History I & II (2 sem/2 cr) <i>or</i> Geography I & II (2 sem/2 cr) <i>or</i> W. Hist & Geography (2 sem/2 cr)	PE (1 sem/1 cr) Health (1 sem/1 cr)
Required Electives: World Languages (2 sem/2 cr) Speech (1 sem/1 cr) Computer Applications I (1 sem/1 cr)	Required Electives: World Languages (2 sem/2 cr) Child Development (1 sem/1 cr) Adv. Child Development (1 sem/1 cr)
Suggested Electives: Family & Consumer Science (1 sem/1 cr) Music Electives (2 sem/2 cr) Business Elective (1 sem/1 cr) Art Electives (1 sem/1 cr)	Suggested Electives: Family & Consumer Science (1 sem/1 cr) Music Electives (2 sem/2 cr) Business Elective (1 sem/1 cr) Art Electives (1 sem/1 cr) Social Science Elective (1 sem/1 cr)

11th Grade (16 credits)	12th Grade (16 credits)
Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)	Math (2 sem/2 cr) English (2 sem/2 cr) Science (2 sem/2 cr)
US History (2 sem/2 cr)	Government (1 sem/1 cr) Economics (1 sem/1 cr)
Required Electives: Psychology (1 sem/1 cr) Sociology (1 sem/1 cr) World Languages (2 sem/2 cr) Child Development (1 sem/1 cr) Adv. Child Development (1 sem/1 cr)	Required Electives: Teaching Internship (2 sem/2 cr) World Languages (2 sem/2 cr) Psychology (1 sem/1 cr) Sociology (1 sem/1 cr)
Suggested Electives: Family & Consumer Science (1 sem/1 cr) Music Electives (2 sem/2 cr) Business Elective (1 sem/1 cr) Art Electives (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr)	Suggested Electives: Family & Consumer Science (1 sem/1 cr) Music Electives (2 sem/2 cr) Business Elective (1 sem/1 cr) Art Electives (1 sem/1 cr) AKSmith Career Center (2 sem/6 cr)

Dual Credit

New Prairie High School is proud to be educational partners with Purdue University North Central and Indiana University South Bend and Ivy Tech State College to provide college-credited high school courses. In addition to dual credit, Advanced Placement Courses are also available to junior and seniors.

Students who have a grade point average of 3.0 along with good attendance and no behavioral issues are welcome to attend one of the below stated universities on campus for up to two courses per semester at his or her own expense during the school day. This is a wonderful way to begin your college transcript early.

Students may not take college courses on campus if New Prairie High School is offering those same courses.

Purdue University North Central

Student receives both high school and college credit. These courses are taught by New Prairie Faculty following the Purdue North Central Curriculum. Students must meet the PNC requirements set forth in order to participate. ***Tuition is to be paid to PNC.***

Contact person: Sue Wilson, PNC Dual Credit Coordinator
1-800-872-1231

New Prairie Courses taught are:

Probability and Statistics
English and Literature and Adv. Composition
Advanced Chemistry
Pre-Calculus
College Algebra (Math 152)
Calculus
Advanced Environmental Science

Indiana University South Bend

Students who meet the admission criteria set forth by IUSB may participate in the following course offered at New Prairie while following the IUSB curriculum.

Director, Advanced College Credit Project
574-520-4409

New Prairie courses taught are:

Exploring the Self as Teacher

Ivy Tech State College

New Prairie accepts all courses offered by Ivy Tech as dual credit including the New Prairie Course:

Medical Terminology

Contact Ivy Tech Director of Admissions @ 574-289-7001

Need to make up credits?

Students are eligible to participate in home-study or PLATO courses providing he/she has failed to pass the courses offered at New Prairie. We accept credits from all accredited high school institutions.

Home study credits earned from a reputable accredited school will also be accepted providing you have gained prior approval from Principal Ben Ingram.

The examples provided below are not exclusive, they are just a few examples of pre-approved institutions.

Plato Online Courses Cassandra Neff 574-654-0472 Home study

American School: 708-418-2800 Home study

Indiana University High School 812-855-8680 Home Study

New Prairie High School offers The Plato Online Credit Recovery Program that does have a fee attached in order to take the course. High school counselor, Cassandra Neff, is the contact person for this program.