

Plano High School
Course Description
Guide



2008-2009

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Mr. Adam West - Assistant Counselor
Mr. Joe Lane- Intern Counselor
Mrs. Barb Moss – Secretary

Mission Statement

"You Reap What You Sow"

District - Plano Community Unit School District #88 aspires to create a positive educational environment for all students to achieve success and experience pride in their schools.

Plano High School - Our mission is to provide all students a positive learning environment and the critical thinking skills needed to become productive citizens and lifelong learners.

Introduction

This Program of Study Planning Guide has been compiled with the cooperation of the faculty of Plano High School and Indian Valley Vocational Center to aid our students in planning their course of study while in high school. What you learn both inside and outside the classroom and the record you make for yourself will largely determine what you will be able to do with your life. At each stage of your high school career, you should seriously consider your goals and develop a program of study to prepare you for further education in your life's work.

This handbook has been designed to help you, your parents, and your counselor plan a program appropriate for you. You, however, must carry the responsibility for this planning. Remember that you, as the student, have the primary responsibility. Use this guide to answer such important questions as:

1. Am I meeting the requirements for graduation?
2. Am I meeting the requirements for entrance to a college or vocation?
3. Am I choosing courses most appropriate to my interests and abilities?

Registration Procedure

- Use this guide as a reference to the courses of study offered at Plano High School.
- Do preliminary planning within a four-year period. Review the requirements for graduation to make sure they are all included in your four-year plan.
- Meet with the counselor to review proposed schedule and four-year plan.

Course Selection

When reading the course descriptions contained in this guide, please note that many courses have prerequisite requirements. A prerequisite requirement simply means that there is a sequence of courses that must be followed. If a course has a prerequisite, the prerequisite must be successfully completed prior to registering for the course.

The Symbol () in front of a course description denotes that the class is new for this year.**

Schedule Changes

Once pre-registration has been completed and the master schedule developed, changes in a student's schedule will be made only if clearly warranted. Reasons for changing a schedule may include:

- Conflict in scheduling which cannot be resolved
- Attendance or failure to attend summer school
- Clerical error on schedule
- Health reasons
- Change from one level to another based on approval
- Change will not overload a particular class
- Change supports a reasonable program of study
- All prerequisites have been met

The Counselor approves all changes (Administration, Teacher and Parent approval may be required).

Grades

Transcript - A permanent record is kept of each student's semester grades. These grades are used to determine grade point average (GPA) and class rank at the end of each semester. Only semester final grades are indicated on each transcript.

Progress Reports – Halfway through each 9-week period a progress report will be mailed for all students.

Report Card – A report will be sent home at the conclusion of each 9-week grading period. Quarters 1 and 3 will include only 9-week grades. Semesters 1 and 2 will include final grades for each semester.

Honor Roll

Honor roll designations include the following:

Superior Honor Roll – students earn a current semester weighted GPA of 4.0

Honor Roll – students earn a current semester weighted GPA of 3.0

Valedictorian and Salutatorian

Valedictorian and Salutatorian are determined at the end of the senior students' seventh semester. This award is based on a cumulative weighted grade point average. Students designated as one of these will speak at graduation on approved topics.

District Grading Scale

A+ = 100-98

B+ = 89-88

C+ = 79-78

D+ = 69-68

F = 59 and Below

A = 97-92

B = 87-82

C = 77-72

D = 67-62

A- = 91-90

B- = 81-80

C- = 71-70

D- = 61-60

INC = "F" after 2 weeks

Grade Point Average and Class Rank

Class rank is determined by cumulative grade point average. The following grades are equal to the following points:

A+ 4.0

B+ 3.3333

C+ 2.3333

D+ 1.3333

F 0.0

A 4.0

B 3.0

C 2.0

D 1.0

I 0.0

A- 3.6667

B- 2.6667

C- 1.6667

D- 0.6667

MED 0.0

Weighted courses are given the following points:

A+ 5.0

B+ 4.3333

C+ 3.3333

D+ 2.3333

F 0.0

A 5.0

B 4.0

C 3.0

D 2.0

I 0.0

A- 4.6667

B- 3.6667

C- 2.6667

D- 1.6667

MED 0.0

Weighted Courses

Advanced Placement English

Advanced Placement Biology

American History Studies

American Literature Studies

Analytical Reading

Anatomy & Physiology

Biology Honors

Calculus

Chemistry Honors

College Grammar & Composition

English I Honors

English II Honors

Freshman Academy Honors

Physics

Studio Honors

Trigonometry/Analytic Geometry

World War II

Honors Diploma

Students wishing to earn an honors diploma must do the following:

1. Earn 32 credits (or maximum number of credits possible if a transfer student)
2. Have a weighted grade point average of at least 3.25
3. Score at or above the average score on ACT or SAT exams

Graduation Requirements

<u>Subject Area</u>	<u>Credit Requirement</u>
English	4.00 (4 years)
Math	3.00 (3 years)
Science	3.00 (3 years)
Social Studies	3.00
<i>U.S. History</i>	1.00
<i>Civics</i>	0.50
<i>Social Studies Electives</i>	1.50
Consumer Economics	0.50
Driver Education	0.50
Physical Education	3.50
Health	0.50
Computer Education	1.00
Freshman Academy	1.00
Art/Music/Foreign Language/Vocational Education	3.00
Electives ***	6.00
TOTAL	29.00

*** Transfer students will have the number of electives reduced depending on number of possible transfer credits from previous school.

Class Status

Sophomore = 6.00

Junior = 13.00

Senior = 20.00

Early Graduation

A student may apply to graduate early by contacting Student Services and complete an application. Applicants must:

1. Maintain a cumulative 3.0 weighted GPA for the entire high school career
2. Meet all academic course requirements
3. Complete application as follows:
 - a. Students who wish to graduate at the end of their junior year must apply before the end of the first semester of their junior year.
 - b. Students who wish to graduate at the end of the first semester of their senior year (mid-term) must apply for early graduation no later than June 1 of their junior year.

Request for Transcripts

Students under the age of 18 must have parent signature on the transcript release form found in Student Services or Main Office. Students 18 or over may release the transcript by using their own signature. Transcripts will not be released if a signed form is not on file. Records may be sent to another high school without parent or student permission; however, special education files must have parental consent to be released. Parents and students are able to request a copy for personal review. However, transcripts must be official and certified with the school seal to be sent to colleges, places of employment, or other use. Please allow **FIVE** business days for transcript requests to be completed.

Extra-Curricular Eligibility

In order to be eligible to participate in the extra-curricular programs at Plano High School, students must not have attained the five point limit the previous semester. In addition, student must not attain five points on a weekly basis. It is understood that the participant will have earned a cumulative number of credits during his/her time at Plano High School that will enable him/her to graduate on time with his/her class. Points will be assigned as follows based on weekly grades and the final semester grade:

F's = 2 points and D's = 1 point

The school will mandate that any athlete that is receiving 4 points or more, will attend (M.A.S.H.) mandatory athletic study hall. This study hall will occur on every Wednesday during our sports seasons. If an athlete does not attend this study hall, then they are not allowed to practice and could face a suspension.

The student/athlete must meet the following number of credits in order to remain eligible :

By the beginning of:	Student must have accumulated:
2 nd semester senior year	24 credits
1 st semester senior year	20 credits
2 nd semester junior year	15 credits
1 st semester junior year	11 credits
2 nd semester sophomore year	6 credits

NOTE: Prior to 2nd semester sophomore year, students are required to earn 3 credits (pass 6 classes) each semester in order to remain eligible.

A student may also be ineligible due to unpaid fees.

If an athlete is ineligible for a total of three weeks in a sport season, the athlete will be dismissed from the team by the athletic director.

See the Athletic Handbook for more information.

Extra Curricular Opportunities

Baseball
Boys & Girls Basketball
Softball
Track & Field
Cheerleading
Dance Team

Volleyball
Football
Wrestling
Golf
Soccer
Girls Softball

Activities and Clubs

Art Club – Enables students to experience the luxury of a larger block of time to work on their artwork or on group projects. Anyone can join Art Club. Those with no present art expertise are encouraged to investigate some of the neat things that can be done in the Art Department.

Cheerleading – Students trying out for cheerleading will be evaluated by teachers and cheerleading sponsors, as well as being judged on skills. Specific cheerleading standards, set by the sponsor and approved by the Athletic Director, will be clarified at the beginning of each season.

Chess Club- Allows students to learn the mechanics of chess while having fun. Throughout the season there are various meets against other schools in which we participate.

Class Officers – Expected to participate in all class activities and provide positive leadership. These activities include homecoming, fund raising, and class Olympics. In addition, at the junior level, officers will be responsible for helping with concession stands and prom. Senior officers have to make decisions about graduation and related senior activities. Officers will be expected to attend committee meetings.

Ecology Club – Organized to promote wise use of resources which Plano students use in their everyday life. Meetings are held at the discretion of the advisor and are based on projects to be accomplished. Any PHS student is welcome to be a part of this club even if not currently enrolled in a science course.

Future Educators of America (FEA) – Anyone interested in teaching or coaching as a career should join. Focus is not only on learning to be teachers but show appreciation to staff.

Jazz Band – Members may attend festivals and play at specific events.

Madrigals – Auditions are held each year for Madrigal singers, jester, juggler, hunchback, and beggar woman for the Madrigal dinner held in December and perform for various groups and organizations.

National Honor Society – NHS is based on teacher recommendations for sophomores, juniors, and seniors during the spring of the school year. Students are considered for the society if they have a minimum of a 3.25 GPA. Students are then rated by the staff on the basis of service, leadership and character. NHS spends many hours assisting with various school and community service projects.

Plays – Each spring auditions are held for a musical performance. All are welcome to audition or volunteer to help behind the curtain with numerous tasks from sets and lighting to costumes and make-up.

Scholastic Bowl – Scholastic bowl is an academic competition in which students answer questions taken from the following areas: science, math, social studies, literature, fine arts, language arts, and miscellaneous or vocational education.

Snowball – Kendall County Operation Snowball is a 3-day retreat held twice each year. Each experience is planned by students from Plano, Oswego, Yorkville, and Newark. The emphasis is on peer leadership and the prevention of common problems. The philosophy of snowball is “Together we can make a positive difference.” All students are encouraged to attend, to be part of the planning group, and finally to be a member of the Snowball staff.

Student Council – Student Council representatives are selected on the basis of application, teacher recommendation and class elections. The group organizes all homecoming activities, school blood drives, and other activities and fund-raisers which would assist in improving the overall school climate.

T.R.Y. – “Teens Reaching Youth” is made up of students pledging to live drug-free lives. The purpose is to promote and provide support for students to remain drug-free. Members promote Red Ribbon Week, attend conferences, and perform skits at the grade schools. New members are always welcome.

Activities and Clubs- Continued

W.Y.S.E. – “Worldwide Youth in Science and Engineering” is an academic competition sponsored through the University of Illinois with the support of various corporations. Each year 14 students are selected by teachers to compete locally at Waubensee Community College, regionally at Northern Illinois University, and possibly at the state competition at the University of Illinois.

Physical Examination Requirement

Notice to Parents and 8th Grade Students

The Illinois School Code requires all ninth grade students to have a current physical examination dated within one year of entry, recorded on the approved State of Illinois Department of Human Services Certificate of Child Health Examination form completed in its entirety. The physical must be signed by a physician, advanced nurse practitioner or physician assistant. Additionally a complete record of immunization dates your child received for diphtheria, tetanus, pertussis, polio, measles, mumps, rubella and hepatitis B are required. The immunization record must be signed by a health care provider who gave or can verify the immunization dates.

Sports Physicals

Physicals are required for students engaged in sports. The IHSA sports physical, which satisfies the requirement for participating in sports at a high school level, is effective for one calendar year only. The state mandated physical will satisfy this requirement provided it covers the entire academic school year. **Physicals documented on IHSA forms will not satisfy entrance into 9th grade.**

College Credit Articulation Agreements

Waubensee Community College grants college credit when learning experiences at the high school level duplicate those at the college level. Articulated credit enables students to receive advanced course placement, to save time and money, and avoid duplication of curriculum already learned in high school. Students must earn an “A” or “B” in the high school class and apply for credit within two years of graduation. Following is a list of courses at Plano High School for which articulation credit can be earned. See your career/technical instructor or counselor for the “College Credit Articulation Forms.” For more information call the VALEES office at (630)-466-2474 or visit www.VALEES.org.

PHS Courses

Accounting II
Early Child Occupations and Advanced Early Childhood Occupations
Technology Applications I and Technology Applications II

Indian Valley Vocational Center Classes

Auto Body Repair I and II	Early Childhood Development I	Health Occupations II
Automotive Mechanics II	Early Childhood Development II	Law Enforcement I
Building Trades II	Fire Science I and II	Office Careers I
Computer Technology I	Graphic Communications I	Welding and Fabrication I and II
Drafting and Design I	Graphic Communications II	
Drafting and Design II	Health Occupations I	

The process for awarding credit includes:

- 1) Earn an “A” or “B” in the specified high school course(s).
- 2) Apply to WCC for articulated credit within two years of the date of high school graduation.

Indian Valley Vocational Center (IVVC) Requirements

A limited number of students are allowed to attend IVVC from Plano High School. Students interested in participating in IVVC are prioritized by the following criteria. Reminder that space is limited.

#1 Senior entering the second year of a two-year program	<ul style="list-style-type: none"> a) Successfully completed first year same program at IVVC b) Returned all necessary paperwork in a timely manner c) Not missed more than 12 days junior year (exception: major illness) d) Earned credits for graduation at the end of the year e) Cannot be an early graduate
#2 Senior entering a one-year program	<ul style="list-style-type: none"> a) Passed the first year of a two-year program b) Not missed more than 12 days at IVVC and PHS junior year (exception: major illness) c) Earned credits for graduation at the end of the year d) Cannot be an early graduate
#3 Junior entering the first year of a two-year program	<ul style="list-style-type: none"> a) Successfully completed related classes at PHS b) Not missed more than 12 days sophomore year (exception: major illness) c) Earned credits to be a junior
#4 Senior entering the first year of a two-year program	<ul style="list-style-type: none"> b) Successfully completed related classes at PHS c) Not missed more than 12 days junior year (exception: major illness) d) Earned credits for graduation at end of year e) Cannot be an early graduate
#5 Senior entering for the second year but changing programs	<ul style="list-style-type: none"> a) Successfully completed junior year at IVVC b) Not missed more than 12 days at IVVC and PHS junior year (exception: major illness) c) Earned enough credits to graduate at end of the year d) Cannot be an early graduate

English Department Flow Chart

English Department

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Independent Reading I* & Independent Read Lab	Independent Reading II* Transitional English * Speech	Independent Reading III* Transitional English * English I	Independent Reading IV* Transitional English * English I English II Elective (Practical English)*
Transitional English *	English I Speech	English II	English II Elective
English I	English II Speech	English III Additional Elective (Optional)	Electives (2)
English I Honors *	English II Honors * Speech	American Lit Studies * Additional Elective (Optional)	AP English * College Grammar and Comp *

Electives: Each are 1 Semester in length

World Literature
 British Literature
 Speech
 Shakespeare Plays
 Practical English *
 Creative Writing
 Journalism
 Multicultural Novel Studies
 Analytical Reading

* Teacher Recommendation

English Courses

Independent Reading I

2 Semesters = 1 credit

Placement determined by teacher

Grade 9

Independent reading is for the student who would like to work on an individual basis in the reading lab in order to improve reading skills. **Testing and consultation of counselors and faculty determine enrollment in the class.** Grade is based on sustained silent reading, writings, class discussions, and homework.

****Independent Reading I Lab**

2 Semester = 1 elective credit

Freshman Course – Must be taken in Conjunction with Independent Reading I

This course is designed to provide additional support and practice for Independent Reading I course. Technology and printed materials will be used in this course.

English I

2 Semesters = 1 credit

Placement determined by teacher

Grade 9

This course includes elements of literature, grammar, composition, and vocabulary. Course work will include short and long-term reading assignments, book analysis/critiques, and a research project.

English I Honors

2 Semesters = 1 credit

Placement determined by teacher

Grade 9

This is a **weighted** literature-based course. It develops students' grammar, composition, and vocabulary skills through writing and reading. Students will master the elements of literature along with varied genres of writing. Oral discussions, presentations, and independent reading projects will be included. A major research project is required.

Individual English I - Exploring Literature

2 Semesters = 1 credit

Must have IEP

Grade 9

This course focuses on the following state goals: #1 Read with understanding and fluency; #3 Write to communicate for a variety of purposes. Topics include reading for pleasure and information, identifying elements of fiction, writing creatively and practically, using a dictionary and computer spell check, and recognizing misspelled words. Effort, abilities, and individual differences are a consideration in determining grades. An Exploring Literature text is used.

English Transition

2 Semesters = 1 credit

Placement determined by teacher

Grade 9-10

English Transition is for the student who would like to work on acquiring and improving basic reading and writing skills. The student will read a variety of short stories, poems, plays, and novels. Students will also write a variety of essays throughout this course. The student's grade is based on writings, class discussions, tests, and homework.

Independent Reading II

2 Semesters = 1 credit

Placement determined by teacher

Grade 10

Independent reading is for the student who would like to work on an individual basis in the reading lab in order to improve reading skills. **Testing and consultation of counselors and faculty determine enrollment in the class.** Grade is based on sustained silent reading, writings, class discussions, and homework.

English - Continued

English II

2 Semesters = 1 credit

Prerequisite: English I

Grade 10

This course includes elements of literature, grammar, composition, and vocabulary. The student will continue to improve reading and writing skills through reading a variety of short stories, poems, plays, novels and through writing a variety of essays and a short story. The students will also acquire and improve critical thinking skills throughout this course. The student's grade is based on course work including short and long-term reading assignments, book analysis/critiques, writings, tests, and homework.

English II Honors

2 Semesters = 1 credit

Prerequisite: English I, teacher recommendation

Grade 10

This **weighted** course emphasizes advanced critical thinking skills in the analysis of literature and the development of the writer. Various categories of literary works will be studied. Oral communication and public speaking will be included. Persuasive research writing will be developed.

Individual English II - American Literature

2 Semesters = 1 credit

Must have an IEP

Grade 10

This course focuses on the following state goals: #1 Read with understanding and fluency; #3 Write to communicate for a variety of purposes. Topics include reading for pleasure and information, identifying elements of fiction, writing creatively and practically, using a dictionary and computer spell check, and recognizing misspelled words. An American Literature text is used. Effort, abilities, and individual differences are a consideration in determining grades.

Speech Communications

1 Semester = 0.50 credit

Grade 10

This course is an introduction to the theory and practice of public communication. Students will develop skills, knowledge, and confidence needed to prepare, deliver, analyze, and critique public speeches. Performance styles will include narrative, impromptu, informative, and persuasive speaking styles. Writing and preparation is required.

Independent Reading III/IV

2 Semesters = 1 credit

Placement determined by teacher

Grade 11-12

Independent reading is for the student who would like to work on an individual basis in the reading lab in order to improve reading skills. **Testing and consultation of counselors and faculty determine enrollment in the class.** Grade is based on sustained silent reading, writings, class discussions, and homework. Course may be taken again during Grade 12.

English III

2 Semesters = 1 credit

Prerequisite: English II

Grade 11

This is an integrated language arts program that emphasizes reading and writing in various categories of literary works. Public speaking is stressed in this course.

English – Continued

American Literature

2 Semesters = 1 credit

Prerequisite: Grade of “B” English II

Grade 11

In this **weighted** course, we will study American texts from European settlement through the present decade of the United States. The student will examine how these writers imagined community and nation, and how they negotiated differences and dissent across cultures, religions, and political systems. Students will develop composition and oral communication skills. Major cooperative learning projects and research papers will be required.

Individual English III - British Literature

2 Semesters = 1 credit

Must have an IEP

Grade 11

This course focuses on the following state goals: #1 Read with understanding and fluency; #3 Write to communicate for a variety of purposes. Topics include reading for pleasure and information, identifying elements of fiction, writing creatively and practically, using a dictionary and computer spell check, and recognizing misspelled words. Effort, abilities, and individual differences are a consideration in determining grades. A British Literature text is used.

World Literature

1 Semester = 0.50 credit

Prerequisite: English I, II, III

Grades 11 and 12

World literature is for the student who wishes to gain cultural awareness such as ethical and moral issues, the development of human attitudes towards religion, social relationships, and political attitudes through literature from around the world. Students will read a variety of short stories, plays, poems, and novels. Areas of study include Ancient Middle Eastern literature, Ancient Greek and Roman literature, literature of India, China, Japan, Africa, the Middle East, European literature from the Middle Ages, European literature in the Nineteenth Century, and modern and contemporary world literature. The student's grade is based on course work including short and long-term reading assignments, a research project, writings, tests, and homework.

Journalism

2 Semesters = 1 credit

Prerequisite: Teacher approval, English II or English II Honors, Desktop Publishing (previous or current enrollment)

Grade 11 or 12

Journalism students will write articles for the school's newspaper, "The Reaper Record", and for Plano High School's *Silhouette* Yearbook. This course presents the opportunity to learn and apply interviewing techniques, as well as instruction on how to write features, sports articles, columns, and much more. Students enrolled in Journalism will explore the issues of today's media and have the opportunity to apply their knowledge of journalistic writing to a publication.

Students enrolled in Yearbook Production must also enroll in Journalism.

Practical English I

1 Semester = 0.50 credit

Prerequisite: English I, II, III or equivalents, must have teacher/counselor recommendation

Grade 12

A student enrolled in this course will be using a variety of media to improve reading, listening, and writing skills needed in today's working world. During class, time may be spent on activities including reading, grammar, letter writing, journal entries, career exploration, a resume, research skills, oral and written reports. Resources used may include textbooks, newspapers, magazines, and computers. **Each student will be required to complete a portfolio** of sample letters, a memo, cover letter, resume, etc.

English – Continued

Practical English II

1 Semester = 0.50 credit

Prerequisite: *English I, II, III or equivalents, must have teacher/counselor recommendation*

Grade 12

Students will continue to explore a variety of media to improve reading, listening, and writing skills. During class, time may be spent on activities including reading, grammar, career exploration, a resume, research skills, and written projects. Resources used may include textbooks, newspapers, magazines, and computers.

British Literature

1 Semester = 0.50 credit

Prerequisite: *English I, II, III*

Grade 12

In British Literature, the student will read various poems, plays, and short stories. Authors include Shakespeare, Marlowe, Milton, Blake, and Browning. Students will analyze the various materials through oral presentations, creative writing, and essays. Group discussions will be a major factor in the overall grade. Outside reading will be required for this course.

College Composition and Grammar

1 Semester = 0.50 credit

Prerequisite: *Grade of “A” or “B” English III, or faculty approval*

Grade 12

In this **weighted** course, students will refine revising and editing skills, preparing them for college English requirements. Students will write in a variety of genres, including expository, persuasive, narrative, and analytical. The course explores the elements of the research process, mechanics, and research documentation. Students will improve revision and editing skills. Large research papers will be required. Students will be required to write and revise writing daily.

Romantic Literature

1 Semester = 0.50 credit

Prerequisite: *English I, II, III*

Grade 12

Romanticism includes those authors who present a fondness for the past and distant places, the supernatural, imaginative, and a love of nature. Authors to be studied will include Edgar Allen Poe, Washington Irving, William Cullen Bryant, and others. Writings by students will tend toward the creative and imaginative descriptions as well as reviews. Literary works will include short stories, poetry, novels, essays, and drama. A research project and two book reports are required

Shakespeare Plays

1 Semester = 0.50 credit

Prerequisite: *English I, II, III*

Grade 12

Explore the best-known plays of William Shakespeare in this semester course through reading, analysis, and writing.

AP English Literature and Composition Course Description

2 Semesters = 1 credit

Prerequisites: *A strong work ethic, senior standing, A or B in English I Honors , English II Honors , and American Studies. There is also a summer reading requirement.*

Grade 12

In this challenging **weighted** class, students will carefully read and critically analyze imaginative literature. By closely reading assigned texts, students will deepen their understanding of the ways writers use language. Reading and writing will focus on analyzing a work's structure, style, and themes as well as such elements as the use of figurative language, imagery, symbolism, and tone. Students should plan to take the AP English test in May to possibly earn college credit.

English – Continued

Individual English IV - World Literature

2 Semesters = 1 credit

Must have an IEP

Grade 12

This course focuses on the following state goals: #1 Read with understanding and fluency; #3 Write to communicate for a variety of purposes. Topics include reading for pleasure and information, identifying elements of fiction, writing creatively and practically, using a dictionary and computer spell check, and recognizing misspelled words. Effort, abilities, and individual differences are a consideration in determining grades. A World Literature text is being used.

Creative Writing

1 Semester = 0.50 credit

Grade 12

Students will explore non-expository writing, such as poetry, fiction, drama, and creative non-fiction. Students analyze and apply basic stylistic techniques involved in the writer's creation of point of view. The class requires regular sharing of work and frequent revision.

****Analytical Reading**

1 Semester = 0.50 credit

Grade 12

Prerequisites: Teacher approval, senior standing, high performance and motivation in prior English classes.

Student must be self-motivated.

This is a semester **weighted** course in which students read eight teacher approved novels at upper high school or college level. Students will write four novel analyses and four analytical essays and complete vocabulary activities, journals, and bi-weekly conferences with the teacher. This course culminates in a class portfolio including all analyses, essays, and book work with a personal reflection about how the student has grown as a reader and a writer.

****Multicultural Novel Studies**

1 Semester = 0.50 credit

Grade 12

Prerequisite: English I, II, III

In this course student will discover social, cultural, and historical forces that shape a society through a variety of multicultural literature. Students will read and analyze novels, short stories, and nonfiction articles that expose them to African Americans, Latin Americans, Native Americans, and Middle Eastern culture. Student will be required to research a variety of subjects and present information in a variety of forms including essays, projects, and speeches.

Math Department Flow Chart Math Department Flow Chart

Math Department

Grade 8	Grade 9		Grade 10	Grade 11	Grade 12
General Math	Intro to Algebra (4 block)	Algebra 1 (4 block)	Geometry	Algebra 2	Trigonometry
Pre-Algebra	Algebra 1		Geometry	Algebra 2	Trigonometry
			Geometry & Algebra 2 (concurrently)*	Trigonometry	Calculus
Algebra	Honors Geometry*		¹Honors Algebra 2*	²Honors Trigonometry *	³AP Calculus*
	Geometry		Algebra 2	Trigonometry	Calculus
	Algebra 1		Geometry	Algebra 2	Trigonometry

*based on teacher recommendation/with consent of the instructor; ¹begins Fall 2008; ²begins Fall 2009; ³begins Fall 2010

Math Courses

Scientific calculators are required for all courses – The T1-30 is recommended

****Introduction to Algebra**

1 Semester = 0.5 credit

Freshman Course – Placement by testing or teacher recommendation

Grade 9

This course is designed to review the operations pertaining to whole numbers, fractions, and decimals, as well as introduce basic concepts in pre-algebra and algebra. This is a prerequisite course in the high school sequence. Students who successfully complete this course will take Algebra I during the next semester. **This course must be taken concurrently with Introduction to Algebra Lab.** *Required materials include a notebook and pencils.*

****Introduction to Algebra Lab**

1 Semester = 0.5 *elective* credit

Freshman Course – This Course must be taken in Conjunction with Introduction to Algebra

This course is designed to provide additional support and practice for the Introduction to Algebra course. Hands-on and traditional activities, methods, and techniques will challenge students to apply concepts learned in the Introduction to Algebra course.

****Algebra I**

1 Semester = 0.5 credit

Prerequisite: Successful completion of Introduction to Algebra or teacher recommendation.

Grade 9

This beginning course in Algebra is designed to take students well versed in basic math and introduce them to such concepts as real number operations, solving & graphing linear and quadratic equations, rational expressions, polynomials, powers and roots, and practical applications of all of the above. Students successfully completing this course will be ready for Geometry or Algebra II. Objectives are to develop good study habits, abstract thinking, and the ability to work problems in logical sequential order and become prepared for other math and science courses. **This course must be taken concurrently with Algebra 1 Lab.** *Required materials include a T1-30 calculator, a notebook, and pencils.*

****Algebra I Lab**

1 Semester = 0.5 *elective* credit

This course is designed to provide additional support and practice for the Algebra I course. Hands-on and traditional activities, methods, and techniques will challenge students to apply concepts learned in the Algebra I course.

Algebra I

2 Semesters = 1 credit

Prerequisite: Placement by testing. Successful completion will prepare students for Geometry and Algebra II.

Grade 9-11

This beginning course in Algebra is designed to take students well versed in basic math and introduce them to such concepts as real number operations, solving & graphing linear and quadratic equations, rational expressions, polynomials, powers and roots, and practical applications of all of the above. Students successfully completing this course will be ready for Geometry or Algebra II. Objectives are to develop good study habits, abstract thinking, and the ability to work problems in logical sequential order and become prepared for other math and science courses. *Required materials include a T1-30 calculator, a notebook, and pencils.*

Geometry

2 Semesters = 1 credit

Prerequisite: Successful completion of Algebra I, teacher recommendation

Grade 9-12

Geometry covers the study and measurement of segments, lines, and shapes. It also involves the study of 2 and 3 dimensional figures, calculating segment lengths, angle measures, as well as areas and volumes. Emphasis is placed on real-life problem solving, as well as developing a logical approach to problem solving. This class will prepare the student to take trigonometry and the ACT/PSAE exams. *Required materials include a T1-30 calculator, a compass, a protractor, notebook, pencils, and folder.*

Math – Continued

Scientific calculators are required for all courses – The T1-30 is recommended

Geometry Honors

2 Semesters = 1 credit

Prerequisite: Successful completion of Algebra I and teacher recommendation

Grade 9

This is a **weighted** course for freshmen only. It will explore the same topics and curriculum as the standard Geometry course, but will place further emphasis on problem-solving and test-taking strategies. This course will ultimately lead to a four-year math cycle that will culminate in the student's ability to take an Advanced Placement Calculus course. *Required materials include a T1-30 calculator, a notebook, and pencils.*

Algebra II

2 Semesters = 1 credit

Prerequisite: Successful completion of Algebra I required; Successful completion of Geometry recommended

Grade 10-12

This class reviews many of the topics of Algebra I, such as solving equations, graphing, factoring, and problem solving. However, this class goes much further, exploring systems of equations, exponents, graphing quadratic equations, and real world problem-solving. Logarithms, complex numbers, and matrices will be explored as a means of solving problems involving such concepts as population growth, and compound interest. We will complete a course similar to a college level Algebra course. This class will significantly enhance a student's chance to score well on both the ACT and PSAT exams. *Required materials are a notebook, folder, and a scientific calculator.*

****Algebra II Honors**

2 Semesters = 1 credit

Prerequisite: Successful completion of Geometry Honors required.

Grade 10

This is a weighted course for sophomores only. It will explore the same topics and curriculum as the standard Algebra II course, but will place further emphasis on problem-solving and test-taking strategies. This course will ultimately lead to a four-year math cycle that will culminate in the student's ability to take an Advanced Placement Calculus course. *Required materials are a notebook, folder, and a scientific calculator.*

Trigonometry & Analytic Geometry

2 Semesters = 1 credit

Prerequisite: Successful completion of Geometry and Algebra II, or consent of instructor

Grade 11-12

This is a weighted course designed to provide topics and concepts which grow out of the Algebra II course. It includes elementary functions, with polynomial functions and circular functions given special emphasis. It is designed to give students a strong math background for a rigorous calculus class. *Required materials include a calculator with trigonometric functions (there will be various sections, however, in which the student is not allowed to use a calculator).*

Math – Continued

Scientific calculators are required for all courses – The T1-30 is recommended

Calculus

2 Semesters = 1 credit

Prerequisite: Placement determined by teacher

Grade 12

Calculus is a weighted course that calls on all the skills and information from previous math courses and applies them to practical problems. There will be some review of Analytic Geometry. New topics include limits, continuous functions, derivatives, and integration.

Individual Math I, II, III, IV

2 Semesters = 1 credit

Placement determined by IEP team

Grade 9,10,11,12

These courses focus on the following state goals: #6 Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, division, patterns, ratios, and proportions). Topics include basic computation, measuring, fractions, decimals, ratios, percents, calculations, word problems, pre-algebra and geometry concepts, and practical applications for math in the work place. Effort, abilities, and individual differences are a consideration in determining grades.

Individual Math I – *Basic Math Skills*

Individual Math II – *Pre-Algebra I*—Algebra and Whole Numbers, Using Decimals, Number Theory, Rational Numbers and Fractions, Basic Operations and Rational Numbers, Ratios, Proportions and Percents

Individual Math III – *Pre-Algebra II*—Integers, Exponents, Square Roots, and the Pythagorean Theorem, Equations from Geometry, Graphing, Geometry, Data, Statistics, and Probability

Individual Math IV – *Math for the World of Work*

Science Department Flow Chart

Plano High School Science Department

Freshman Year

Physical Science
I & II

Introduction to
Chemistry/Physics

Biology +

Biology
Honors+

Sophomore Year

Biology

Chemistry
Chemistry Honors
Earth Science
Env. Science

Chemistry Honors

Junior/Senior Year

Chemistry
Earth Science
Env. Science
Physics
Anatomy*
AP Biology
Medical careers

Physics
Chemistry
Earth Science
Env. Science
Anatomy *
AP Biology
Medical Careers

Physics
Earth Science
Env. Science
Anatomy
AP Biology
Medical Careers

* Requires Chemistry as a prerequisite

+ Students in this sequence must take Chemistry & Physics; failure to enroll will require Intro to Chem. or Intro to Physics in order to graduate.

Science Courses

Physical Science I

1 Semester = 0.50 credit

Prerequisite: *Teacher Recommendation*

Grade 9-12

This is an introductory course for students transitioning into their freshman year. This course will focus on scientific skills, including scientific processes, lab safety, metrics, an introduction to matter, and an introduction to basic chemistry concepts.

Physical Science II

1 Semester = 0.50 credit

Prerequisite: *Teacher Recommendation*

Grade 9-12

This course is a continuation of Physical Science I. Second semester topics will focus on forces and motion. As a lab science, lab skills and safety will be emphasized. Upon completion of Physical Science I & II, students will be placed into Biology.

Introduction to Chemistry

1 Semester = 0.50 credit

Prerequisite: *none*

Grade 9-12

This is an introductory course in chemistry for those students entering their freshman year. The concept of matter will be taught with major emphasis on atomic structure, the periodic table, chemical interactions, chemical bonds, chemical reactions including acids and bases. As a lab science, lab skills and safety will be emphasized.

Introduction to Physics

1 Semester = 0.50 credit

Prerequisite: *none*

Grade 9-12

This is an introductory course in physics for those students entering their freshman year. Topics include mechanics, heat, light, sound, electricity, magnetism, and optics. Learning of basic scientific facts and laboratory skills will be emphasized.

Biology

2 Semesters = 1 credit

Prerequisite: *Introduction to Chemistry, Introduction to Physics or Teacher recommendation*

Grade 9-12

This is an introductory course in the biological sciences. Topics include scientific method, cellular organization, and processes, a survey of the kingdoms and the significance of man's interaction with other forms of life.

Biology Honors

2 Semesters = 1 credit

Prerequisite: *teacher recommendation*

Grade 9-10

Biology Honors is a **weighted** class designed for students who can handle a more in-depth approach and faster pace of instruction. Topics will include scientific method, cellular organization and processes, a survey of the kingdoms of life and the significance of man's interaction with other forms of life. In addition, enrichment topics will be designed throughout the course as they apply to other units of instruction. *Freshmen in this course will be scheduled for Chemistry sophomore year and Physics junior year.*

Science – Continued

Advanced Placement Biology

2 Semesters = 1 credit

Prerequisites: B or higher in Chemistry or Teacher Approval

Grades 11-12

This **weighted** course parallels a college freshman Biology course and depending on the student's score on the College Board AP Exam at the end of the year, could count as college credit (check with the college you plan to attend). This course is fast-paced, challenging, and intended for college-bound students. Emphasis will be on molecular, cellular, organismal, and population biology.

Chemistry

2 Semesters = 1 credit

Prerequisite: Biology, Algebra 1

Grade 10-12

Chemistry is an introductory course in chemical concepts including scientific method and measurement, basic chemical principles, language of chemistry, knowledge of chemical reactions and change of state, as well as mathematical concepts that apply throughout the course. This course will provide a foundation for college chemistry coursework and other related courses. *Students need a scientific calculator.*

****Chemistry Honors**

2 Semesters = 1 credit

Prerequisite: Biology, Algebra 1

Grade 10-12

Chemistry Honors is a **weighted** class designed for students who can handle a more in-depth approach and faster pace of instruction. Chemistry Honors is an introductory course in chemical concepts including scientific method and measurement, basic chemical principles, language of chemistry, knowledge of chemical reactions and change of state, as well as mathematical concepts that apply throughout the course. This course will provide a foundation for college chemistry coursework and other related courses. *Students need a scientific calculator.*

Anatomy & Physiology

2 Semesters = 1 credit

Prerequisite: Chemistry or concurrent enrollment

Grade 11-12

This is a **weighted** course emphasizing the anatomy and physiology of mammals, especially humans. All major body systems will be studied in detail through lecture, lab activities and dissection. This course is an excellent foundation for college-level anatomy coursework. This course is strongly recommended for students considering health and/or life science occupations including physical and occupational therapy, sports medicine, physical trainers, nursing, coaching, etc.

Environmental Science

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 10-12

This course will study the interactions between organisms and their environment through discussion and laboratory work. Students will study ecosystems and organism interactions and the effects of changes in ecosystems due to environmental problems, especially those caused by or contributed to, by man's interference and impact. Major projects include river monitoring at the Fox River as well as a research paper.

Science – Continued

Earth Science I

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 10-12

Earth Science is a hands-on laboratory science course in which students collect and interpret real-time data to study major earth systems. Specific topics include geology, plate tectonics, and earth history. Problem solving and critical thinking are utilized to gain an understanding of events happening in the real world. This laboratory-oriented course prepares students for further coursework in chemistry, physics, and earth science.

Earth Science II

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 10-12

This lab based course will study the remaining three branches of earth science, including, astronomy, meteorology, and oceanography. Problem solving and critical thinking are utilized to gain an understanding of events happening in the real world. This laboratory-oriented course prepares students for further coursework in chemistry, physics, and earth science.

Physics

2 Semesters = 1 credit

Prerequisite: Chemistry, Trigonometry (or currently enrolled in this course)

Grade 11-12

Physics is a weighted class that focuses on the study of matter and energy through hands-on laboratory activities and lecture. This course offers an overview of scientific method, mechanics, heat, sound, light, electricity and magnetism. The sequence is designed to provide students the background skills required for a first-year college Physics course. Trigonometry principles will be used in this class. *Students need a scientific calculator.*

Medical Careers

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 11-12

This course will give the student an introduction to a wide variety of careers in health medicine and alternative medicine fields. Topics to be explored will include: basic anatomical terminology, nutrition, emergency medical technician skills, nursing, diagnostic skills, and hospital volunteer experience, alternative medicine such as massage therapy, acupuncture and chiropractic, sports/occupational/physical therapy, and pharmacy. Most topics will include guest speakers with the potential opportunity to job shadow health professionals in the local area. This course is highly recommended for any student interested in working in a health setting at any level. Due to the specific content covered, **only students interested in a medical profession should enroll.**

Individual Introduction to Physics

1 Semester – 0.50 credit

Must have IEP

Grade 9-12

This course focuses on the following state goal: #12 Understand the fundamental concepts, principals and interconnections of life, physical and earth/space science. Topics include motion, work and machines, heat, sound, light, electricity, magnets, and electromagnetism.

Individual Introduction to Chemistry

1 Semester – 0.50 credit

Must have IEP

Grade 9-12

This course focuses on the following state goal: #12 Understand the fundamental concepts, principals and interconnections of life, physical and earth/space science. Topics include the metric system, properties of matter, the structure of matter, classifying elements, compounds and how matter changes.

Science – Continued

Individual Biology

2 Semesters – 1.0 credit

Must have IEP

Grade 9-12

This course focuses on the following state goal: #12 Understand the fundamental concepts, principals and interconnections of life, physical and earth/space science. Topics include scientific tools, lab safety, scientific method, basic units of life, chemicals important to life, organizing living things, classifying animals and plants, bacteria, protists, fungi, body systems, genetics, and ecology. Effort, abilities, and individual differences are a consideration in determining grades.

Individual Introduction to Earth Science

2 Semesters – 1.0 credit

Must have IEP

Grade 10-12

This course focuses on the following state goal: #12 Understand the fundamental concepts, principals and interconnections of life, physical and earth/space science. Topics include geology, geomorphology, plate tectonics, earth history, astronomy, meteorology, and oceanography. Effort, abilities, and individual differences are a consideration in determining grades.

Social Studies Courses

Early World History

1 Semester = 0.50 credit

Grade 9-10

This class begins with the origins of human life before written history and proceeds to the Middle Ages just after the fall of the Roman Empire. Important topics will include early civilizations, first empires, influence of Greece and Rome in our society, and the spread of Christianity. Students will be introduced to map/chart reading, political systems, and governments.

Modern World History

1 Semester = 0.50 credit

Grade 9-10

This class focuses on the period from the Renaissance until recent world history, including the Cold War and terrorism. We will also discuss the early inhabitants at the Americas, Exploration, French and Russian Revolutions, Industrial Revolution, Imperialism, and the World Wars. Students will be introduced to map/chart reading and political systems and governments.

Geography

1 Semester = 0.50 credit

Grade 10

Geography pertains to the description, distribution and interaction of the diverse physical, biological, and cultural features of Earth's surface. In this course students will study the world's physical features, how they blend with social systems, and affect economics, politics, and human interaction. Students will also use map/charts to analyze historical documents.

Political Science

1 Semester = 0.50 credit

Grade 10

Political Science will introduce and familiarize students with the basics of political systems. Topics discussed in class will begin with types of governments and continue on with public opinion, political culture/participation, the media and its effect, political parties, interest groups, civil rights/liberties and foreign policy. Students will also use maps/charts and analyze historical documents.

U.S. History

2 Semesters = 1 credit

Grade 11

This is a year-long course covering the first settlers through World War II. Students will be required to complete numerous activities including tests and group projects. ***This course is required to graduate.***

American History Studies

2 Semesters = 1 credit

Prerequisite: English I, II, teacher approval

Grade 11

Co-requisite: American Literature Studies

This is a **weighted** course. This class integrates literature and historical events to help students understand major themes that have made the U.S. a world leader today. This class will investigate the social aspects of various time periods, developing an understanding of how these time periods were a reflection of the past and how they affected the immediate future. Extensive note-taking, examinations, cooperative learning, and time period simulations are used in this course.

Social Studies - Continued

Civics

1 Semester = 0.50 credit

Grade 12

In this class, we will discuss our American government and all its components. Topics such as the three branches of government, origins and early forms of U.S. government, landmark Supreme Court rulings, and current political events will be covered. The student will also have to take and pass the U.S. Constitution and Illinois Constitution exams in order to graduate. **Five hours of community service is required for successful completion of this class.**

This course is required to graduate.

Current Events

1 Semester = 0.50 credit

Grade 12

Current Events is largely a discussion course focusing on world events and social issues that are happening during the current semester. Students are required to bring in discussion materials everyday and write 4-5 short papers throughout the semester.

Recent U.S. History

1 Semester = 0.50 credit

Prerequisite: U.S. History, English I, II, III

Grade 12

This class will cover the time period from 1945-present. Topics include the Cold War, John F. Kennedy, President Nixon, Vietnam and the Civil Rights movement. R.U.S.H. will prepare students for college level history coursework.

Requirements include 4-5 papers and 2-3 essay exams

World War II

1 Semester = 0.50 credit

Prerequisite: U.S. History, Teacher approval

Grade 12

This **weighted** course will cover the causes and effects of World War II. Topics will include Hitler's rise to power in Germany through effects of the Atomic Bomb in Japan. Extensive note-taking and class discussions are required. Students are also required to read several books outside of class. Knowledge will be measured by cooperative learning projects, research papers and essay exams.

Sociology

1 Semester = 0.50 credit

Grade 11-12

Sociology is the study of human relationships. In this course we will discuss multiple topics including racism, discrimination, family matters, violence in America, disabilities, and religion. The class is largely discussion based and students are required to complete 10 hours of community service.

Behavioral Psychology

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 11-12

This course will include topics on careers in psychology, brain and behavior, sensation, motivation, emotions, consciousness versus sleep, learning and learning styles, intelligence and creativity. Students will learn through participation in notes, labs and journal topics. This course will provide a foundation for college psychology coursework.

Social Studies - Continued

Personal Psychology

1 Semester = 0.50 credit

Prerequisite: Biology

Grade 11-12

This course will explore human development from infant through the elderly adult, personality theories and styles, conflict, stress, mental disorders, gender, and sociocultural influences. Students will learn through participation in notes, labs, and journal topics. This course will provide a foundation for college psychology coursework.

Individual Geography

2 Semesters = 1 credit

Prerequisite: Must have IEP

Grade 9-12

Individual Geography focuses on description, distribution, and interaction of physical, social, and cultural features of the earth's surface. This course includes World and U.S. Geography. Effort, abilities, and individual differences are always taken into consideration when determining grades.

Individual U.S. History

2 Semesters = 1 credit

Prerequisite: Must have IEP

Grade 11

Individual U.S. History is a survey course covering the discovery of America up to the present. The goal of the class is a general understanding of U.S. History rather than learning dates, places, and names. Effort, abilities, and individual differences are always taken into consideration when determining grades.

Individual Civics

1 Semester = 0.50 credit

Prerequisite: Must have IEP

Grade 12

Individual Civics investigates different forms of government with an emphasis on democracy. The United States and State Constitution tests are a requirement. Effort, abilities, and individual differences are always taken into consideration when determining grades.

Physical Education - Health - Driver Education

Physical Education

2 Semesters = 1 credit

Grade 9-12

Physical education is required by the State of Illinois. It is the goal of the Physical Education Department that our students gain a knowledge and appreciation of the worth of physical fitness that will contribute to an individual's quality of life. By offering a variety of team and individual recreational sports activities, we hope to encourage carryover into participation as an adult. Activities are designed to allow group interaction to enhance the social and emotional development of the students. *Requirements include participation and PE uniform.*

Strength/Weight Training

2 Semesters = 1 credit

Prerequisite: Teacher Recommendation

Grade 9-12

This is an alternate choice of PE for all fitness-driven individuals. This course focuses on the principles of training, both in weights and cardiovascular fitness. An emphasis is placed on technique and use of weights. All students will be tested in speed, agility, and strength over each semester.

**Collaborative PE

2 Semesters = 1 credit

Prerequisite: Teacher Recommendation

Grade 9-12

A physical education program in which teaching methods are designed to meet the unique needs of any individual student. It is a cooperative program in which emphasis is placed on increasing the students skill movement, increasing their current fitness levels, and encouraging and promoting a more active lifestyle. This course is designed for a small group atmosphere. The smaller class sizes will enable the instructor to make appropriate individual adaptations. Students will also work closely with their peers. A cooperative/leadership program is established for an increased learning experience for all students.

Health

1 Semester = 0.50 credit

Prerequisite: Intro to Physics, Intro to Chem or Biology I

Grade 10

The physical, mental, and emotional health of human beings is studied in this one-semester required course. The structure and systems of the body, inherited conditions, mental development, preventive strategies, hazards of substance abuse, nutrition information, and opportunities in health-related occupations are among the topics discovered.

This course is required to graduate.

Driver Education

1 Semester = 0.50 credit

Prerequisite: passing grade in 8 courses during previous 2 semesters including 2 semesters of PE.

Grade 10

The first phase of this course is to provide educational experience to give students the skills, knowledge, and proper attitudes necessary for the efficient and safe operation of the motor vehicle. Phase two gives each student behind the wheel driving experience in a dual control automobile. Students receive a maximum of 6 hours driving practice.

Attendance is mandatory. After 3 absences, students are dropped from the class. Class is offered quarterly and is shared with 0.25 credit of PE.

Fee: A fee will be charged for Driver's Ed and must be paid before students begin the class.

Physical Education - Health - Driver Education - Continued

Individual Health

1 Semester = 0.50 credit

Must have IEP

Grade 10

This course focuses on the following state goal: #22 Understand principles of health promotion and the prevention and treatment of illness and injury. Topics include health and wellness; making responsible decisions; nutrition, weight management and eating disorders; drug use, misuse, abuse, and treatment; reproduction, and sexually transmitted diseases. Effort, abilities, and individual differences are a consideration in determining grades.

Fine Arts
Art – Foreign Language – Music – Theater

Art Courses

Art I
2 Semesters = 1 credit
Grade 9-12
Students will be introduced to the elements of art: line, shape form, space, value, color and texture. Art I will also cover the principles of art: rhythm, movement, balance, proportion, variety, emphasis, and unity. This class is intended for any student who has an interest in art and wants to explore a variety of art mediums and processes. Two and three dimensional art experiences will include drawing, airbrushing, sculpture, and printmaking. Famous individual artists will be studied independently by each student. This class is required for entry in many other art classes. *A spiral-bound sketchbook, kneaded eraser, and pencils are required.*

Art II
2 Semesters = 1 credit
Prerequisites: Art I
Grade 10-12
This class introduces the student to additional drawing experiences and combines them with printmaking and painting. Painting and printmaking will be emphasized in this class. Printmaking experiences may include silkscreen, lithography, and etching. Paintings may include oils, acrylics, airbrushing, or watercolors. At least one 3-dimensional project will be included in this class. Famous individual artists will be studied independently by each student. *Spiral-bound sketchbook, kneaded eraser, and pencils are required.*

Art III
2 Semesters = 1 credit
Prerequisite: Art II
Grade 11-12
This is an advanced class for those who want to improve their drawing skills while exploring new mediums and techniques. Pencil, charcoal, markers, colored pencil, conte crayon, chalk pastels, oil pastels, and ink will be some of the media that will be used to create original drawings. Basic airbrushing techniques are also reviewed in this class. Creating finished airbrushed work will be the goal. Famous individual artists will be studied independently by each student. Airbrushes will be provided in this class.

Ceramics I
2 Semesters = 1 credit
Grade 10-12
Both hand-building and throwing on the potter's wheel is introduced and developed. Decoration techniques including staining, underglazing and glazing are presented. Students will learn techniques to construct both functional and non-functional ceramic pieces. The student must provide a water bucket.

Ceramics II
2 Semesters = 1 credit
Prerequisite: Ceramics I
Grade 10-12
The class involves the refinement and development of techniques learned in Ceramics I and the introduction to Raku work. Both throwing and hand-building projects will be required. A significant emphasis will be placed on ceramic decoration techniques. The use of porcelain will be introduced along with limited use of low fire glazes. Some out-of-class work will be required. *Required materials include an elephant ear sponge and water bucket.*

Art - Continued

Ceramics III

(Independent Study)

2 Semesters = 1 credit

Prerequisite: *Ceramics I, II and approval of instructor*

Grade 11-12

Ceramics III will present opportunities of study in the broad area of Ceramics. Each student will develop an independent plan for their work which will include new techniques which are not learned in Ceramics I or II. Glaze mixing and the use of specific clay bodies will be introduced. Production of high quality work is the emphasis of this class. Out-of-class work will be required.

Crafts I – General Crafts

1 Semester = 0.50 credit

Grade 9-12

Crafts I introduces various craft areas such as wood, metal, fabric, plastic, leather, clay, and stained glass. It is a fun class for recreational art. Most projects can be completed in class.

Crafts II – Stained Glass

1 Semester = 0.50 credit

Prerequisite: *Crafts I*

Grade 9-12

Crafts II is a one semester class studying and refining stained glass techniques. Projects may include mosaics, sun catchers, night-lights, boxes, and window designs. Some out of class work is required.

Jewelry

1 Semester = 0.50 credit

Prerequisite: *Crafts I, recommended Art I*

Grade 11-12

This class will introduce the creation of jewelry. Found objects, glass, clay, wood and metals will be used in the production of jewelry. Fabrication techniques will be introduced along with bead making and chain making. Some out-of-class work is required.

Sculpture I

2 Semesters = 1 credit

Prerequisite: *Recommend Art I*

Grade 10-12

The student will be introduced to 3-dimensional art. Sculptures will be made out of materials such as clay, paper, plaster, styrofoam, wood, stone, and various found objects. Most of the work can be completed during class time. Famous individual artists will be studied independently by each student.

Sculpture II

2 Semester = 1 credit

Prerequisite: *Sculpture I*

Grade 11-12

Three-dimensional art is further studied in this course. The student will learn to braise, cast and incorporate more unusual means of producing sculptures. Famous individual artists will be studied independently by each student.

****Sculpture III**

2 Semester = 1 credit

Prerequisite: *Sculpture II, approval of instructor*

Grade 11-12

This class is an independent study sculpture class in which only sculptures are made. Larger and more permanent sculptures will be made by the student. Famous individual artists will be studied independently by each student.

Art - Continued

Studio

1 Semester = 0.50 credit

Prerequisite: teacher recommendation

Grade 11-12

Studio is a one-semester class which involves independent study in an area chosen by the student and teacher. This class is recommended for the self-motivated student. A journal must be kept by the student recording use of time in and out of class. Creativity and drive is necessary for acceptance into this class. Student is expected to participate in art show. Students must work a minimum of 1 hour a week out of class for an above-average grade. Independent art history research is required. This class may be repeated.

Studio Honors

1 Semester = 0.50 credit

Prerequisite: teacher recommendation, Art I, II

Grade 11-12

This is a **weighted** art class. Students will prepare work for submission for college entrance. Their portfolio must include at least 6 major works including still life, portrait, and landscape drawings with one painting. Three research papers/projects will also be required. The student must also visit either the Chicago Museum of Art, the Contemporary Museum of Art or another art museum approved by the instructor in advance on personal time during the semester. This class prepares students for art reviews at college and university levels. This class may be repeated.

Foreign Language

Spanish I

2 Semesters = 1 credit

Prerequisites: C or better in previous English class and enrolled in or completed English I

Grade 9-12

This course is designed for the student with minimal competency or no previous exposure to Spanish. Basic vocabulary and grammatical concepts will be introduced and integrated for a basic competency of the four communication skills. Individual and group activities will provide the means for the students interactions. Culture involving customs, geography, history and the people of Spanish-speaking countries will be explored. Students will be assessed in terms of written and oral proficiency related to individual/group activities, assignments, quizzes and tests.

Spanish II

2 Semesters = 1 credit

Prerequisite: Spanish I or placement test

This is a continuation of Spanish I. The format and assessment are the same for Spanish II and focuses on more challenging skills and knowledge.

Spanish III

2 Semesters = 1 credit

Prerequisite: Spanish II or placement test

This course is a continuation of Spanish II. Vocabulary and advance grammatical concepts will be introduced in order to increase the ability to communicate. Cultural topics and projects will also be introduced. Exposure to Spanish literary works will enable the student to read, understand, and speak utilizing previously learned vocabulary and grammar in context. Students will be assessed in terms of oral and written proficiency related to group participation, assignments, quizzes and tests.

Foreign Language- Continued

Spanish IV

2 Semesters = 1 credit

Prerequisite: Spanish III or placement test

This course is a continuation of Spanish III and is a college-level preparatory. Vocabulary and advanced grammatical concepts will be introduced in order to increase the ability to communicate. There will be a greater focus on cultural issues and literary works. Other aspects of the Spanish culture will be explored. Which includes music, dance, art, and theater. Students will be assessed in terms of oral and written proficiency, projects, assignments, tests and quizzes.

Music

Music Appreciation

1 Semester = 0.50 credit

Grade 9-12

This class is open to all students. Students will learn the introductory basis of music theory, music history, and general music knowledge.

Band

2 Semesters = 1 credit

Prerequisites: Middle school band or director approval. Students may not take only one semester of band unless given specific written permission by the band director. This includes scheduling issues.

Grade 9-12

This class includes marching band, pep band, and concert band. Participation in concerts and athletic events is required. Students may participate in band and any athletics of their choice. Optional activities offered with this class include the I-8 Band Festival, IMEA Festival, Flag Corps, Jazz Band, Madrigals, Solo and Ensemble, and Beginning Band Mentoring.

Introduction to Choir

2 semester = 1 credit

Grades 9-12

This choir is open to all students. No previous vocal training is necessary. Classroom focus will be on tone quality and intonation. Students will learn to sing a variety of music in unison, two, and three-part harmony. Participation in concerts is mandatory. Optional activities include Madrigals, Solo and Ensemble, and IMEA.

Mixed Choir

2 Semesters = 1 credit

Prerequisite: Audition

Grade 10-12

This choir is open for students of all grades by audition. Students will learn to sing a variety of music in three and four part harmony. Participation in concerts is mandatory. Optional activities include Madrigals, Solo and Ensemble, IMEA, and I-8 honor choir festival.

Independent Music Study

1 Semester = 0.50 credit

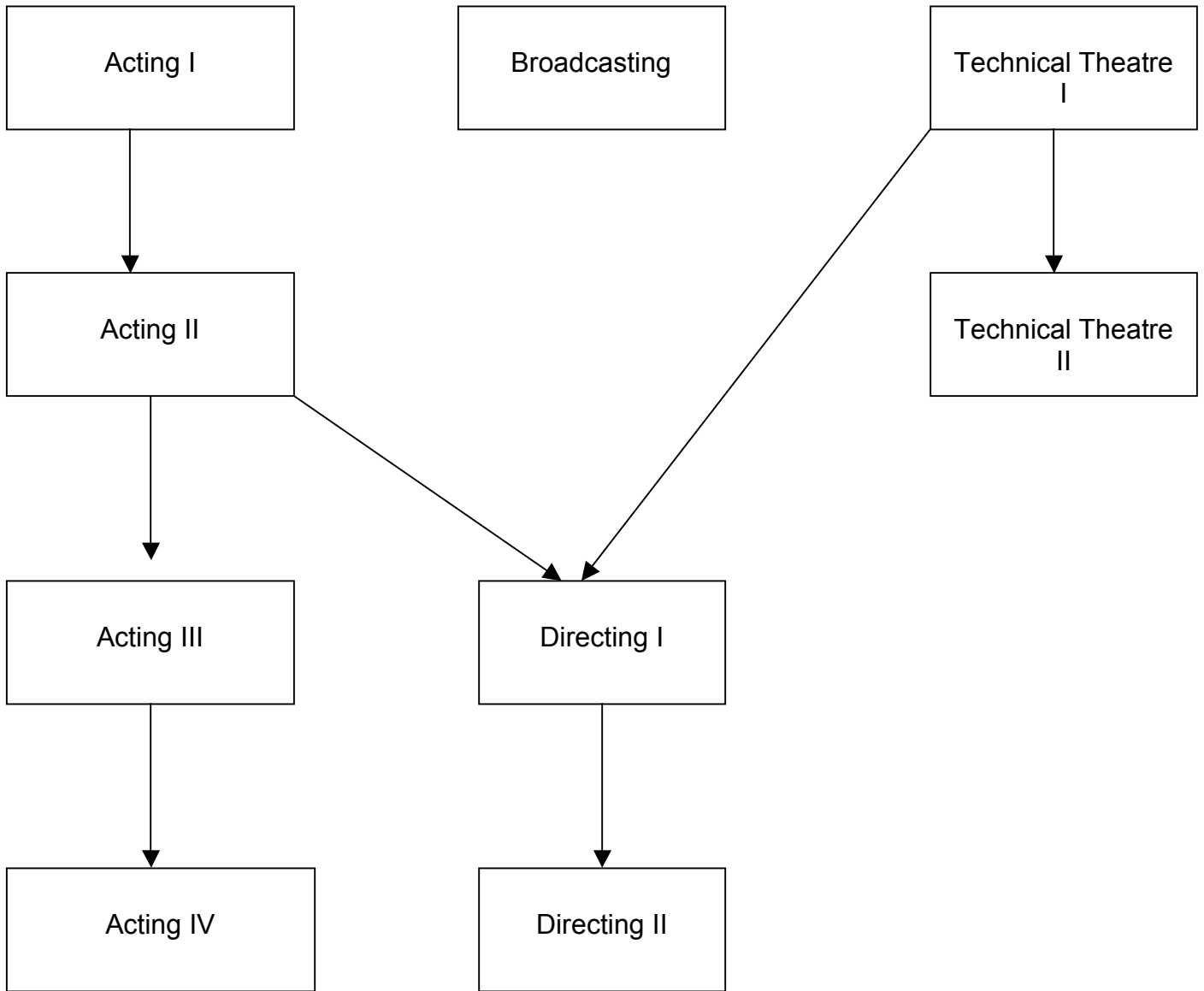
Prerequisite: Teacher approval

Grade 10-12

This class is open to all students. Students will choose an instrument or voice part to concentrate on for the semester in addition to studying music theory. Students have taken this class in the past to focus upon auditioning for the high school drum line, learning to play the guitar, or learning to play the piano.

Theater Department Flow Cart

Theatre Department



Theater Courses

Acting I – The Basics

1 Semester = 0.50 Credit

Prerequisite: All students may take this course

Grades 9-12

Students will learn the basic skills for acting including movement, voice, and character development. Students learn to analyze a script, relax, and overcome stage fright. Students will learn how to rehearse for a performance. Though most of the class is hands-on, some written work and reading is required.

Acting II – Techniques

1 Semester = 0.50 Credit

Prerequisite: Acting I

Grades 9-12

Students learn various acting techniques and basic styles. Students will focus on dramatic, comedic, improvisational, and musical theatre performances styles. Other styles may be taught as well. In-depth study of the relationship between sound, language, and movement is required. Though most of this class is hands-on, some written work and reading is required.

Acting III - Styles

1 Semester = 0.50 Credit

Prerequisite: Acting II

Grades 9-12

In this course, students use advanced acting techniques involving movement, emotion, voice, and themes in various acting periods and genres. The students prepare and performs scenes of different genres and periods. The students study Greek, Renaissance, Reformation, and other period works. Students should be able to work independently as well as in groups. Though most of this class is hands-on, some written work and reading is required.

Acting IV - Business of Theatre

1 Semester = 0.50 Credit

Prerequisite: Acting III

Grades 9-12

This course explores the requirements for the business portion of theatre. The student will learn to build a theatrical resume, select a head shot, audition, and register with an agent. The student will be required to build an acting portfolio including monologues, songs, and research. Students should be able to work independently as well as in groups. Though most of this class is hands-on, some written work and reading is required. *Offered spring semester.*

Independent Acting

1 Semester = 0.50 Credit

Prerequisite: Student must have completed Acting I-IV.

Grades 11-12

This course is for students who wish to further their acting skills after finishing all available acting courses. Students are required to submit a "Theatre Independent Study" form indicating the specific topic explored, a schedule for the study, and a list of resources. The final project should be a culminating performance or presentation of projects created in class. *Offered fall and spring semesters.*

Technical Theatre

1 Semester = 0.50 Credit

All students may take this course.

Grades 9-12

Students learn "hands-on" about various aspects of technical theatre. Students will build sets, focus lights, set up sound, design make-up and costumes, and learn basic stage-managing skills. Though most of this class is hands-on, some written work and reading is required. *Offered fall semester.*

Theater- Continued

Advanced Technical Theatre

1 Semester = 0.50 Credit

Prerequisite: *Technical Theatre or teacher approval*

Grades 9-12

Students enrolled in this class will design the lights, set, make-up and costumes for both winter and spring plays. The students will be required to attend a few rehearsals after school, but are not required to fill a live technical role for performances. *Offered spring semester.*

Independent Technical Theatre

1 Semester = 0.50 Credit

Prerequisite: *Student must have completed Theatre Design*

Grades 10-12

This course is for students who wish to further their technical theatre skills after finishing all available acting courses. Students are required to submit a "Theatre Independent Study" form indicating the specific topic explored, a schedule for the study, and a list of resources. The final project should be a culminating performance or presentation of projects created in class. *Offered fall and spring semesters.*

Introduction to Directing

1 Semester = 0.50 Credit

Prerequisite: *Acting I or higher, Technical Theatre or higher, and instructor approval*

Grades 11-12

In this course, students co-direct a main stage production. This course focuses on the principles of blocking, timing, control of focus, and other elements of directing. The students solve the problems of training and directing amateur actors. The students supervise the production from casting to performance. The students plan, schedule, realize cast and crew recruitment. The students assist in the execution of set, light, make-up, sound, prop, and costume designs in order to gain a better understand of theatre production. The student directors attend all scheduled rehearsals and performances, and complete the production process in a timely manner. *Offered spring semester.*

Directing Seminar

1 Semester = 0.50 credit

Prerequisite: *Introduction to Directing*

Grade 12

In this course, the students direct a one-act play for the "Student Directed One-Acts." Background knowledge and experience with directing, acting, and stagecraft is required. Students master the art of directing plays. In addition, the students work with acting and theatre design students to build staging, critiquing, and communication skills. The students plan, schedule, realize cast and crew recruitment. Students create set, light, make-up, sound, prop, and costume designs. The student directors lead all scheduled rehearsals and performances, and complete the production process in a timely manner. *Offered fall semester.*

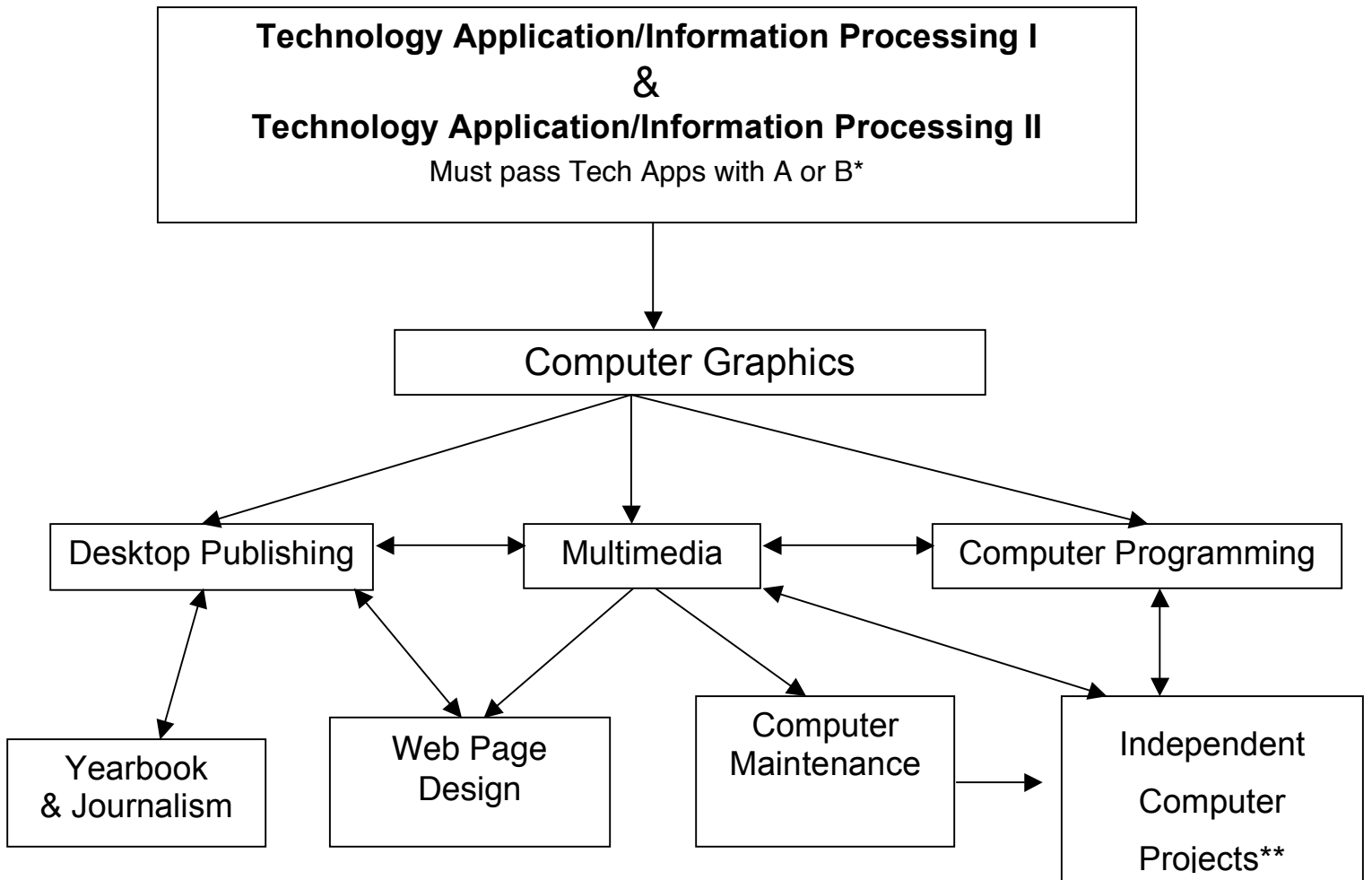
****Broadcasting**

1 Semester = .50 credit

Grade 9-12

Learn how mass media has impacted society in the last 50 years. Students will learn the basics of broadcasting in order to create, edit, and perform for television, radio, and the internet.

**Business Computer
Curriculum Flow Chart**



* If a student earns a C in Tech Apps, they must have instructor approval to enroll in Computer Graphics

Business Computer Education Courses

Technology Application/Information Processing I (VALEES B120)

1 Semester = 0.5 credit

Prerequisite: *Signed Acceptable Use Policy for Internet Use*

Grade 9-12

Technology Application/Information Processing is the first level in a student's computer/office careers education. This course introduces students to the hardware components of a computer system and word processing software, allowing them to develop keyboarding skill and formatting specific documents (letters, tables, reports, forms) which require decision-making regarding acceptability, arrangement and English usage. Additional content includes a basic understanding of punctuation and proofreading, online information available via the Internet and learn key aspects of using the Internet. Instruction will emphasize proper keyboarding technique and speed-building. Students will develop an ethical work behavior, positive working relationships with others, and responsibility for their own work.

This course is required for graduation.

Technology Application/Information Processing II (VALEES B105)

1 Semester = 0.5 credit

Prerequisite: *Technology Application/Information Processing I and signed Acceptable Use Policy for Internet Use*

Grade 9-12

Technology Application/Information Processing II builds on the concepts of Technology Application/Information Processing I. Students develop an awareness and understanding of the application of information processing concepts, software and equipment to accomplish tasks typically performed in computer/office/business careers.

Instruction in this course focuses on building word processing skills, exploring and utilizing spreadsheet, database, and presentation software.

This course is required for graduation.

Computer Graphics

1 Semester = 0.50 credit

Prerequisite: *Technology Application/Information Processing II with a grade of C or above or instructor approval and signed Acceptable Use Policy for Internet Use*

Grade 10-12

Students will learn basic techniques for creating, working with, editing, and enhancing digital images. Course includes an Internet Review unit and working with peripherals such as the flatbed scanner and digital camera. *Not for students who have previously taken Desktop Publishing.*

Accounting I (VALEES B215)

2 Semesters = 1 credit

Grade 10-12

Accounting is a fast-paced business education course designed to introduce the fundamentals and skills of double entry bookkeeping and to prepare students for entry-level positions involving bookkeeping skills. This course goes through three Accounting cycles: Sole Proprietorships, Partnerships, and Corporations. Topics include interpreting transactions for each type of business, journalizing transactions, posting from a General Journal to a General Ledger, posting from Special Journals to a General Ledger, creating a variety of Financial Reports from posted data, depreciation, bad debts, payroll, cash register, accrued expenses, notes, and interest. All units go through practice sets and some simulated projects are incorporated when possible. Basic math functions and logical thinking are necessary.

You must be enrolled as a junior or senior and maintain a "B" average to be able to articulate Accounting I and Accounting II credits at Waubensee Community College.

Business Computer Education- Continued

Accounting II (VALEES B315)

2 Semesters = 1 credit

Prerequisite: Accounting I

Grade 11-12

Accounting II is a business education skill-level course that builds upon the foundation established in Accounting I. This course is planned to help students develop deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. Topics covered are departmentalized accounting, accounting control systems, general accounting adjustments, corporation accounting, management accounting, cost accounting, and a variety of other accounting systems. Students will develop a comprehensive understanding of the educational training, aptitudes and skills necessary for professional accounting careers.

You must be enrolled as a junior or senior and maintain a "B" average to be able to articulate Accounting I and Accounting II credits at Waubensee Community College.

Desktop Publishing

1 Semester = 0.50 credit

Prerequisite: Computer Graphics, Signed Acceptable Use Policy for Internet

Grade 10-12

Students will use a variety of software to design and create a wide range of publications such as flyers, letterheads, newsletters, and posters. Course includes use of equipment like flatbed scanner and digital camera. Students will be utilizing the Internet for research purposes. Note: This course is required for Yearbook and Journalism classes.

Multi-Media

1 Semester = 0.50 credit

Prerequisite: Computer Graphics, Signed Acceptable Use Policy for Internet

Grade 10-12

Multi-media is a one-semester course designed to teach basic multi-media concepts. Projects created in class shall include components such as text, graphics, sound, and video.

Web Page Design

1 Semester = 0.50 credit

Prerequisite: Computer Graphics/Multi-Media, Signed Acceptable Use Policy for Internet

Grade 11-12

Web Page Design is a one-semester advanced computer course offered to juniors and seniors. Good design principles will be stressed in this course. Utilizing these design principles, students will create web pages that include text, graphics, clip art, photos, frames, links, etc. Students will be introduced to different web page development software packages as well as Adobe PhotoShop. The primary project in this course will be for students to create, maintain, and upgrade web pages in the Plano District #88 web site.

Computer Maintenance

1 Semester = 0.50 credit

Prerequisite: 2.0 credits in any PHS computer course, Signed Acceptable Use Policy for Internet

Grade 11-12

Computer Maintenance teaches routine maintenance techniques for the microcomputer. They will be introduced to techniques for diagnosing and solving a variety of computer problems involving both hardware and software. They will install software as well as peripheral equipment. Students will practice their skills by helping troubleshoot computer problems as they arise throughout Plano District #88 schools. The work provides a valuable service to Plano District #88 schools while also being a great learning experience for the students themselves.

Business Computer Education- Continued

Computer Programming

1 Semester = 0.50 credit

Prerequisite: *Computer Graphics, Signed Acceptable Use Policy for Internet*

Grade 11-12

Computer Programming is designed to be an introduction to the BASIC computer language. Variables, BASIC statements, logic, loops, nested loops, data files, and flowcharting are some of the topics included in the numerous programs students shall write during the semester. A unit on robotics will also be incorporated into this class. Students will construct robotic models and then write computer programs in the Lego Logo language to control their models. Other units studied in this course shall include the binary and hexadecimal numbering systems and logic gates.

Independent Computer Projects

1 Semester = 0.50 credit

Prerequisite: *Instructor approval, Signed Acceptable Use Policy for Internet*

Grade 11-12

This is a one-semester course teaching advanced computer applications. A student may choose more in-depth study of topics introduced in previous computer courses. Both the college-bound and vocational-oriented student will benefit from this course.

Coop. Work Training - Classroom

(VALEES INT600)

1 Semester = 0.50 credit

Prerequisite: *Application, Interview with Coordinating Teacher, enrolled in Coop. Work Experience during same semester*

Grade 11-12

Cooperative Work classroom phase is for students who desire work experience for vocational or career planning. The course emphasizes topics that will help students be successful in the work environment such as interpersonal, teamwork, and leadership skills. Other related skills include career awareness development and skills necessary to make viable career choices. *Student may be released at 2:00 p.m. to report to job site.*

Coop. Work Training – Experience

(VALEES INT600)

1 Semester = 0.50 credit

Prerequisite: *Application, Interview with Coordinating Teacher, enrolled in Coop. Work Class during same semester*

Grade 11-12

Agreements between the student, employer, parent/guardian, and coordinating teacher will be made indicating requirements and expectations including Work Coop Code of Ethics and the Discipline Plan for the year. Job sites that coordinating teacher cannot gain access to for observation or that do not offer student hours during class time allowed, will not be allowed. If the student is terminated from employment or resigns from the position, he or she must inform the instructor and gain employment within two weeks. If employment is not gained within the 2-week time frame, student will receive a failing grade for the semester and not released from school during class time. *Student may be released at 2:00 p.m. to report to job site. Seniors who have completed the classroom portion of COOP in their junior year may be released at 1:15 p.m. with the approval of the coordinator.*

Business Computer Education- Continued

Introduction to Business

1 Semester = 0.5 credit

Grade 9-12

This course provides students with an introductory look at the world of business. It introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. The student will have the opportunity to explore the global economy. Coverage includes the basic economic systems, business ownership and management, business fundamentals, career planning, financial services and operations, and consumer decision-making.

Family Consumer Sciences (FCS) Courses

Orientation to FCS

(VALEES H105)

1 Semester = 0.50 credit

Grade 9-12

This course is designed to introduce the student to the different areas of Family and Consumer Science. It may encourage students to take additional classes in this elective area. They will be introduced to career opportunities in the field of FCS. Areas of concentration include foods, clothing, relationships, self-esteem, child development, and home design.

Clothing I

(VALEES H130)

1 Semester = 0.50 credit

Grade 9-12

This course will provide students with basic sewing skills that promote feelings of accomplishment and independence at the sewing machine. Individual projects will vary including pillows, p.j. pants, and craft projects. The Serger sewing machine is introduced and related fashion careers are discussed. Students will learn sewing techniques that will help them in the home or on the job. *Students should be prepared to purchase supplies and fabric.*

Clothing II

(VALEES H135)

1 Semester = 0.50 credit

Prerequisite: Clothing I

Grade 9-12

Students will learn about fashion history, fashion styles, wardrobe planning and care, alterations of ready-made garments, and textiles. Clothing occupations in the fashion industry will be emphasized. Students will use knowledge and skills from Clothing I to learn advanced sewing techniques. Sewing projects will be individualized based on experience and skill. Projects will include garments with a zipper, collar, facing or waistband. *Students should be prepared to purchase fabric and supplies.*

Clothing Independent Study

1 Semester = 0.50 credit

Prerequisite: Clothing I and Clothing II

Grade 10-12

Clothing Independent Study is designed to give students the opportunity to further expand sewing skills and develop new techniques. Arrangements and independent study contracts are to be drawn up between the student and instructor to show construction plans for three challenging projects.

Foods I

(VALEES H110)

1 Semester = 0.50 credit

Grade 9-12

This course includes classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and good nutrition. Areas of study will include safety and sanitation, fruits, vegetables, salads, microwave foods, quick breads, eggs, nutrition and careers. The basic techniques and principles may be easily applied in future situation either in a home or in a food service-related career.

Family Consumer Science -Continued

Foods II

(VALEES H115)

1 Semester = 0.50 credit

Prerequisite: Foods I

Grade 9-12

This course requires the knowledge and skills obtained from the previous food course. Planning for special food needs, safety of foods, food purchasing and preventing food borne illnesses will be included. Students will attain skills in advanced food preparation, meal planning, food purchasing, time management, pies and pastry, yeast breads, casseroles, meats, fish, poultry, production baking, and foreign foods. This course will provide skills and knowledge necessary to successfully work in a kitchen and will teach food service employees how to be competent at their work.

Foods III

(VALEES H120)

1 Semester = 0.50 credit

Prerequisite: Foods I and Foods II

Grade 10-12

This course will use knowledge and skills to expand food preparation skills and will explore meal planning and different dietary and health issues related to food. Time and money management skills will be strengthened. Labs will include cake decoration, meat preparation, presentation of foods, garnishing, pastries, pastas, grains, and breads. Foreign food meal planning is also addressed. Appropriate work behavior is stressed.

Independent Foods Study

1 Semester = 0.50 credit

Prerequisite: Foods III

Grade 12

Independent Foods is designed for the student who definitely desires to have a career in the food industry. They will contract with the teacher as to what will be accomplished. Studies will include 2 field trips/interviews within the industry; 2 career reports; trial recipes; and at the end of the semester a 4 course meal for 6 guests. Concurrent with this class the student will also be taking job shadowing.

Child Development

(VALEES H125)

1 Semester = 0.50 credit

Grade 9-12

This course emphasizes learning experiences which help students gain knowledge and understanding of parenting and children. Studies will include learning about intellectual, physical, social emotional development of children from conception through early childhood. The course content also centers around the following areas: responsibilities of parenthood, human development, the prenatal period, fetal development and growth, labor and delivery. The students are taught to encourage acceptance of people from a variety of backgrounds and how to provide developmentally appropriate experiences for children to learn. A variety of developmental theories will also be looked at as children grow.

Early Childhood Occupations

(VALEES H205B)

1 Semester = 0.50 credit

Grade 10-12

This course is designed to provide students interested in a career in Early Childhood Occupations with information and practical experiences needed for development of job-related competencies. Students are provided laboratory experiences in our Tots and Teens preschool. Students will be expected to develop appropriate skills in program development and in assisting with children's developmentally appropriate activities. Emphasis is placed on the identification and application of positive guidance methods and techniques in developing your children's potential. Classroom student is concerned with the philosophy and management of children and child care centers. Recording and objectively interpreting children's behavior through observation is also covered.

Family Consumer Science- Continued

Advanced Early Childhood Occupations (VALEES H205B)

1 Semester = 0.50 credit

Prerequisite: *Early Childhood Occupations*

Grade 11-12

Students who would like to continue in the Early Childhood field will be advancing their skills in the management of the Tots and Teens Preschool. They will have the opportunity to learn more about children developmentally while developing their own personal portfolio. Students will be expected to develop skills in preschool management, curriculum development, and will assist the preschoolers and beginning Early Childhood Occupation students with skills needed. *This class will provide the 2nd and 3rd semesters needed to apply for Waubensee Community College Early Childhood credits.*

Early Childhood Directed Study (VALEES H400)

1 Semester = 0.50 credit

Prerequisite: *Early Childhood Occupations*

Grade 11-12

This is a directed study program designed for students interested in pursuing careers in child care related occupations who have completed major course work in the field at their high school and/or vocational center. Students enrolled in this program have the opportunity to participate in advanced learning and experiences provided through private or public sector internships or community college work supported by the local school district. Any transportation required is the responsibility of the student.

Early Childhood Occupations Internships

1 Semester = 0.50 credit

Prerequisite: *Early Childhood Occupations & Advanced Early Childhood Occupations*

Grade 12

This level is for the student who has a desire to pursue a career on working with children. They will continue their work in Tots and Teen's Preschool by taking over the director responsibilities, and will be expected to observe other schools and ages of children. These students will also have the opportunity to work with special needs. An excellent class for those looking at the teaching field.

Peer Leadership

1 Semester = 0.50 credit

Prerequisite: *Application for approval*

Grade 10-12

This course is designed for students interested in helping people. The course work will help increase proficiency and awareness in a variety of collaborative skills such as communication, listening, feedback, and conflict resolution. *Students in this program must submit an application for approval to the teacher and understand that self-discipline, responsibility, and good judgments are essential prerequisites for this course.* Once trained, the students will be active in school mediations and in a variety of community and county volunteer situations. **Service hours are required for this course.**

Service Learning

1 Semester = 0.50 credit

Prerequisite: *Peer Leadership*

Grade 10-12

This class may be repeated.

This course is available to students that are interested in service for others. Opportunities as a tutor, Big Brother/Sister, and teacher assistants are possibilities within the district. Community needs are dependent on those interested in using student volunteers. This class makes a great impression and looks good on resumes, college and scholarship applications.

Family Consumer Science Continued

Entrepreneurs

1 Semester = 0.50 credit

Grade 10-12

This class will be exploring what it means to have entrepreneur skills and how to use them effectively in the business world. Students will learn about economics and good decision-making skills. This is a project-oriented class where businesses will be created and all aspects of running a business will be discussed. Becoming self-employed, running your own company, or managing a company will be some career areas discussed.

Home Design

(VALEES H705A)

Offered on a rotating yearly basis with "Family Issues"

1 Semester = 0.50 credit

Grade 10-12

This course is designed to guide the student in the development of knowledge and skills necessary for the efficient construction, decorating, and management of a home. Areas of concentration include individual determination of personal values, management of financial budgets, designing and drawing a basic house plan with emphasis on kitchen-planning and traffic flow. This course also includes the study of styles and trends in interior decorating, applying the principles and elements of design in decorating a home. Careers will be discussed as well.

Family Issues

(VALEES H720A)

1 Semester = 0.50 credit

Grade: 10-12

This course explores topics relevant to families and human services. Units include personality and self-esteem, wellness, and threats to wellness, communication, decision-making, relationships, marriage, parenting and related issues. Class time includes discussions, group activities, videos, speakers and a Mach-Wedding.

Job Shadowing/Career Exploration Program

1 Semester = 0.50 credit

Prerequisite: Consent of the instructor

Grade: 11-12

Designed to provide students who have not made a specific career choice on-the-job experiences that will help them with career exploration and employability skills. This program focuses on personal attitudes, self-esteem, work ethics and their relationship to personal life choices. Students are required to work study a specific career of choice and make a final **presentation to the board** about what they have learned. Students will be evaluated on the job as well as their own reports and will contract with an employer as to their expectations. **This class is for 11th and 12th graders who have their own transportation.**

Consumer Economics

(VALEES H710)

1 Semester = 0.50 credit

Grade 11

This is a combined course to help the individual student develop personal efficiency as a consumer and to learn the best way to function within a highly competitive free-enterprise economic structure. Through an understanding of our economic system and a variety of problems and situations to analyze, the students will practice money management, marketing, smart shopping, personal living, and employment. ***This course is required for graduation.***

Family Consumer Science Continued

Single Survival

1 Semester = 0.50 credit

Prerequisite: *Senior, no prior Foods courses*

Grade 12

This class would be open to seniors who have never taken a Foods class. It would prepare them for living on their own. Students would learn meal planning, shopping for food, good nutrition, and using the tools of the trade. Labs would include Breakfast, Lunch, and Dinner recipes that are easy, delicious, nutritious and cost effective. Students will also learn about planning for different occasions and proper etiquette.

Individual Consumer Economics

1 Semester = 0.50 credit

Prerequisite: *Must have IEP*

Grade 11

This course covers topics to help the student become an informed consumer including banking, credit, housing, income tax, insurance, advertising and shopping. Effort, ability and individual differences are always taken into consideration when determining grades.

Industrial Technology

****Introduction to Industrial Tech Prep**

(VALEES I125)

1 or 2 Semesters = 0.5 - 1.0 credit

Grade 9-12

This course is designed to introduce students to the diverse fields of technology. The course is basic in structure and will assist students in choosing a career pathway or in selecting a course of training at either IVVC, a junior colleges, or trade school. The course will cover the areas of : alternative energy, basic electricity, mechanisms, pneumatics, hydraulics, robotics, industrial controls, lasers, automotive technology, fiber optics and mathematics in technology. All areas are in a modular grouped course work. Students will work approximately 10 days at one module. Applied mathematics, safety and measurement will be emphasized throughout the course.

Miscellaneous Courses

Freshman Academy

2 Semesters = 1 credit

Grade 9

Freshman Academy is designed to assist students in developing the skills they need in order to be successful in high school and beyond. The primary focus of this course involves building foundational study skills (as well as basic English and math skills). More specifically, Freshman Academy will focus on organization, time management, note-taking, test preparation, and other related topics. An emphasis will also be placed on guiding each student as they plan for their academic future. Students will be encouraged to apply the skills and strategies they learn in Freshman Academy in their other classes at PHS. ***This course is a freshman requirement.***

Honors Freshman Academy

2 Semesters = 1 credit

Prerequisite: Must be enrolled in at least two (2) additional Honors classes.

Grade 9

Honors Freshman Academy is a **weighted** course that is designed to assist honors students in developing the skills they need in order to be successful in high school and ultimately college. The primary focus of this course involves building foundational study skills (as well as basic English and math skills). More specifically, Freshman Academy will focus on organization, time management, note-taking, test preparation, and other related topics. An emphasis will also be placed on guiding each student as they plan for their academic future. Students will be encouraged to apply the skills and strategies they learn in Freshman Academy in their other classes at PHS. Honors Freshman Academy will progress at an accelerated rate and cover higher-level topics compared to the traditional Freshman Academy class. ***This course is a freshman requirement in place of Freshman Academy.***

Yearbook Production

2 Semesters = 1 credit

Prerequisite: Desktop publishing (previously taken or current enrollment), concurrent enrollment in "Journalism" class, and teacher approval.

Grade 11-12

Students will produce the school yearbook, the *Silhouette*. Tasks include layout/design of pages, photography, advertising, and yearbook sales. Students will be expected to attend some extra-curricular events for photograph and reporting on those events. Students may also need to devote extra time outside of class to finish production at the end of the school year. **This class may be repeated.**

Student Aide

1 Semester = 0.50 credit

Prerequisite: Counselor/Administration/Teacher approval

Grade 11-12

Staff may request approved students to assist a classroom or program. Students will not be able to have this option if core requirements can be met in current schedule. Aides may be reassigned at the discretion of faculty. **This class may be repeated.**

Resource

1 Semester = 0.50 credit

Prerequisite: Must have IEP

Grade 9-12

This is a completely individualized class setting providing remedial and instructional services in lieu of a study hall. Organization skills are emphasized, and class time is used to complete assignments, quizzes, and tests from other classes. Study skill assignments will be assigned as time permits. Students are required to record their individual accomplishments for each resource block. Grading is either pass or fail, and is based on student effort and cooperation and accomplishment.

Miscellaneous Continued

WCC Class Option

1 Semester = 0.50 credit

Prerequisite: Must be eligible to graduate

Grade 12

Students may choose to enroll in a course at Waubonsee Community College. Student must be eligible to graduate and course must be pre-approved by the counselor and principal. This class may be repeated.

ELL English Language Learner/ Bilingual
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ELL I

1 Semester = 0.50 credit

Prerequisite: Testing and placement

Grade 9-12

This course is meant for students who have little or no English. Basic reading, writing and grammar are covered. This class may fulfill an English requirement.

ELL II

1 Semester = 0.50 credit

Prerequisite: Testing and placement

Grade 9-12

This course builds on intermediate English skills. Each student will move at an individual pace. Some students will remain at this level for two years. This class may fulfill an English requirement.

ELL III

1 Semester = 0.50 credit

Prerequisite: ELL II

Grade 9-12

This course builds and expands on intermediate English skills. Students may remain at this level for two years. This class fulfills an English requirement.

ELL IV

1 Semester = 0.50 credit

Prerequisite: ELL III

Grade 9-12

Students will continue to build their English skills and prepare for life after high school; including graduation, college, and career preparation. This class fulfills an English requirement.

ELL Resource/Study Skills

1 Semester = 0.50 credit

Prerequisite: Testing and placement

Grade 9-12

This course is meant for students who have mastered intermediate English skills. Those skills will be reinforced. Students learn at an individual pace. Resource is also meant to aid students transitioning to core classes. Care will be given to the special needs of juniors and seniors in preparation for graduation and beyond. The emphasis of this class is on the following:

1. Listening - process, understand, interpret, and evaluate spoken language in a variety of settings.
2. Speaking - engage in oral communication in a variety of situations for a variety of purposes and audiences.
3. Reading - process, interpret and evaluate written language, symbols, and text with understanding and fluency.
4. Writing - engage in written communication in a variety of forms for a variety of purposes and audiences.

Spanish for Spanish Speakers

2 Semesters = 1 credit

Prerequisite: Achievement of an 80% or better on a placement test.

Prerequisito: El logro del 80% o mayor en un examen para determinar el nivel académico.

This is a course completely in Spanish and designed for students who have a background in Spanish. This course concentrates on the written and linguistic aspects of the language. The course will include culture, history, art, drama, literature and other areas of interest. Successful completion of this course provides a student with the skills to accurately read and write Spanish.

Este curso está enseñado completamente en español y está diseñado para los estudiantes que tienen una historia en español. Este curso se concentra en los aspectos escritos y lingüísticos del idioma. El curso incluye cultura, historia, arte, teatro, literatura y otros aspectos de interés. La terminación exitosa de este curso provee un/una estudiante con las habilidades para leer y escribir español.

Bilingual Courses Cursos Bilingües

Bilingual Study Skills

1 Semester = 0.50 credit

Prerequisite: *Enrollment in the ELL program*

Grade 9-12

This Bilingual class helps the student to improve his/her reading, writing and study skills.

Las Destrezas de Estudiar

1 Semestre = 0.50 crédito

Requisito: **Se debe ser matriculado/a en el programa de ELL.**

Grado 9-12

Esta clase bilingüe ayuda al estudiante que necesita mejorar las habilidades de leer, de escribir y de estudiar.

Fundamentals of Consumer Skills

1 Semester = 0.50 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 9-12

This course combines consumer skills with an understanding of our economic system. It utilizes practical math and teaches how to manage money.

Principios de las Destrezas del Consumidor

1 Semestre = 0.50 crédito

Requisito: **evaluación y colocación. Se debe ser matriculado/a en el programa de ELL**

Grado 9-12

Este curso combina las destrezas del consumidor con el entendimiento de nuestro sistema económico. Se utiliza las matemáticas prácticas y enseña cómo manejar el dinero.

Fundamentals of United States History

2 Semesters = 1 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grade 11

This is a two semester course covering the first settlers until the Second World War. The text is available in English or Spanish.

One year of United States History is required to graduate.

Los Principios de la Historia Estadounidense

2 Semestres = 0.50 crédito

Requisito: **evaluación y colocación. Se debe ser matriculado/a en el programa de ELL**

Grado 11

Este curso consiste en dos semestres. Trata de las primera personas nativas hasta la Segunda Guerra Mundial. El texto está disponible en español o inglés. Se requiere un año de la historia estadounidense para graduarse.

Fundamentals of Early World History

1 Semester = 0.50 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 9-12

This course begins with the origins of civilizations and continues to the end of the Middle Ages. It includes Ancient Greece, Rome and the spread of Christianity. Written materials are in Spanish and English.

Los Principios de la Antigua Historia Mundial

1 Semestre = 0.50 crédito

Requisito: **evaluación y colocación. Se debe ser matriculado/a en el programa de ELL**

Grado 9-12

Este curso empieza con los orígenes de las civilización y continúa hasta los fines de la Edad Media. Los temas incluyen la antigua Grecia, Roma, y la difusión del cristianismo. Habrá materiales escritos en español e inglés.

Bilingual Courses- Continued Cursos Bilingüe- Continuación

Fundamentals of Modern World History

1 Semester = 0.50 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 9-12

This course focuses on the period from the Late Middle Ages to the Nuclear Age. Written materials are in Spanish and English.

Los Principios de la Historia Moderna Mundial

1 Semestre = 0.50 crédito

Requisito: *evaluación y colocación. Se debe ser matriculado/a en el programa de ELL*

Grado = 9-12

Este curso enfoca el período desde los fines de la Edad Media hasta la Edad Nuclear. Habrá materiales escritos en español e inglés.

Fundamental of Civics

1 Semester = 0.50 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 11-12

Civics explains the structure and the principles of the U.S. Government and tells how laws affect our lives. **This course is required for graduation.**

Los Principios del Civismo

1 Semestre = 0.50 crédito

Requisito: *evaluación y colocación. Se debe ser matriculado/a en el programa de ELL*

Grado 11-12

El civismo explica la estructura y los principios del gobierno estadounidense y dice cómo las leyes afectan la vida actual.

Es requisito de graduarse.

Fundamentals of Science

1 Semester = 0.50 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 9-12

This course is an introduction to the sciences, including earth science, physics, and biology.

Los Principios de la Ciencia

1 Semestre = 0.50 crédito

Requisito: *evaluación y colocación. Se debe ser matriculado/a en el programa de ELL*

Grado 9-12

Los fundamentos de la ciencia. Este curso es una introducción a las ciencias incluso la Tierra, la física y la biología.

Fundamentals of Biology

2 Semesters = 1 credit

Prerequisite: *Testing and placement, enrollment in the ELL program.*

Grades 9-12

This class teaches about living things and their interactions with the environment with Spanish textbook.

Los Principios de la Biología

2 Semestre = 1 crédito

Requisito: *evaluación y colocación. Se debe ser matriculado/a en el programa de ELL*

Grado 9-12

Este curso enseña los seres vivos y sus interacciones con el medio ambiente, con texto español.

Indian Valley Vocational Center IVVC

Auto Body Repair

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

A comprehensive program of collision repair and automotive paint refinishing. Safety practices and safety equipment, as well as EPA standards, will also be addressed and followed. First year students will get a basic knowledge of collision repair and refinishing procedures. Second year students will get advanced training on frame and structural repair.

Auto Mechanics

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

All students study routine automotive repair and maintenance fundamentals. This is accomplished by textbook study, lecture and homework before practical experience in the shop. Safety practices and industry standards will be stressed. Second year students will continue by learning more advanced techniques and diagnostic procedures through weekly textbook and homework assignments, and hands-on shop experience.

Building Trades

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

This program offers a 95% hands-on experience in all phases of residential construction. Once all safety procedures have been completed, students will be briefed on current building codes, span charts, blueprint reading, and estimating/scheduling. The students will spend the remainder of the year at our off-campus jobsite, constructing a house from start to finish. Areas of study will include concrete, carpentry, framing, roofing, siding and exterior trim, plumbing, HVAC, drywall and interior trim. In addition to using conventional lumber and understanding all its characteristics, they will also learn about and/or use composite material, engineered lumber and connectors. Second year students, after meeting the required criteria, are given the opportunity to obtain an internship, receiving wages from an employer while gaining experience in a trade of choice that pertains to construction.

Building Trades Remodeling

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Participants will become involved in a variety of short-term building trades and remodeling projects. Students are exposed to all aspects of bidding, costing and constructing smaller customer projects. During the first semester, they are involved in a contractor project. Other skills include framing, electrical, roofing and siding. In the spring, students work on a research paper.

Business Systems Technology

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

The students entering the Business Systems Technology class will be exposed to the many changes entrepreneurs and people in business see every day in the world of computers and technology. The challenges facing the entrepreneurs are strongly stressed with guest speakers and field trips to places of business. Students are taught Microsoft Office Suites with emphasis on getting certification in Word, PowerPoint, Excel, Access and Outlook. With any of these certifications, the student can expect to enter the business world with approximately a 10% increase in salary. First year students study cluster areas including those of the Administrative Assistant, Administrative Transcriptionist, Clerical Specialist, Data Entry Specialist, Executive Secretary Medical Billing and Coding, Medical Transcriptionist, Paralegal, and Records Management. The second year students continue to advance these skills and are offered internships in business, including banks, business offices, medical offices, and other business settings, based on their qualifications.

Indian Valley Vocational Center IVVC- Continued

Computer Technology

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

State-of-the-art program in computer maintenance and installation. Students work with hardware and software in a “real world” environment to maintain PCs and printers at IVVC. They also do maintenance work for other schools. New computer setup, purchase and evaluation are also a part of the course. Second year students explore wire & wireless networks. A+ certification is possible after first year.

Cosmetology

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

For 2008-2009, this program will be available to juniors and seniors. A 1,500-hour program contracted through Hair Professionals Career College, offered at their Sycamore or Oswego site. Completers will have earned 1,000 hours toward the state licensing requirements for hairdressers during the two year program. Course meets during evening and weekend hours and students are dismissed for either afternoon or morning classes consistent each day. There are approximately \$1050.00 in additional charges for students and the remaining 500 hours should be completed after high school graduation.

Culinary Arts

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Developed by the National Restaurant Association Educational Foundation, the Pro-Start program is a two-year curriculum designed to teach high school students the management skills needed for a career in the restaurant and food service industry. ProStart students have the opportunity to earn industry-approved, nationally recognized certificate, guaranteeing them a minimum \$2,000 scholarship and access to college articulation agreements. To earn the ProStart certification, students must complete the following program components: 360 hours of classroom instruction covering hospitality business and food preparation; 400 hours mentored internship, in front and back of house positions; workplace competency checklist, demonstrating industry knowledge and skills; successfully pass year one and two national ProStart Examination.

Drafting & Design

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Students will be exposed to a variety of areas in the field of drafting and design. First year students primary study the technical and architectural drafting fields with the use of the drafting board. Second year students take the knowledge from the previous year and apply it to the computer-aided drafting (CAD) programs. Some of the technical student projects include a roller coaster project, race car design and tower and bridge building. Students will study an object's views and how to communicate that information into drawings. In the architectural drafting unit, students will design a house with a complete set of construction prints. Understanding of construction techniques, building codes, and house design are covered to assist the student in their project. Advanced units that will be studied are landscape design, interior design and commercial architecture.

Indian Valley Vocational Center IVVC- Continued

Early Childhood Development

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

The Early Childhood Development program offers a comprehensive study of child development by exposure to hands-on lab experiences through the Carole V. Nolan Preschool. First year students gain knowledge through theory and observation learning to guide young children through in their behavior and development. Second year students will have the opportunity to evaluate and meet the needs of specific children through in-depth curriculum planning and implementation, as well as learning the state regulations for day care centers as established by the Department of Children and Family Services.

Fire Science

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

First year students follow the State Fire Marshall's Firefighter II curriculum, which includes Hazardous Materials and Technical Rescue Awareness. Second year students follow the State Firefighter III and Hazardous Materials Operations curriculum. Both classes offer hands-on practical skills towards certification. Applicants must meet physical fitness requirements and will become CPR Certified. Both classes are offered at the Sandwich Fire Station.

Graphic Communications

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Graphics explores the visual communication field through design, printed materials, brochures, typography and various printing methods. This program is an introduction to computers and their use in the field of advertising. Digital cameras and scanners are used. Students cover the prepress process of design from computer layout to printed piece. Emphasis is placed on creativity and technical skills in more detailed projects with an emphasis placed on developing a portfolio. Speakers include graphic industry professionals, representatives from colleges and schools of art. Student explore various graphics career choices, internships and job shadowing are available. Field trips coordinate with class curriculum and give students the opportunity to relate what they learn in the classroom to the real world. Software includes Adobe Suites CS2: In Design, Illustrator and PhotoShop.

Health Occupations

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Health Occupations is designed to be a two-year program. First year curriculum is taught in an Applied-Life science skill format, with unique hands-on learning to explore Health Career options and obtain certification in CPR and basic first aid. The Health Occupations I class does **NOT** include Certified Nursing Assistant (CNA) training for certification. Health Occupations II is available only to a **senior** student. The student may not be required to take Health Occupations I, pending approval from IVVC and the home school. This course follows the guidelines of the Dept. of Public Health to achieve a certificate as a Certified Nursing Assistant. A criminal background check is required.

Indian Valley Vocational Center IVVC- Continued

****Hospitality Management**

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

This new program offering at IVVC will encompass all facets of hotel management and the hospitality industry. Areas of study will include facilities management, finance, food service, building security, housekeeping, marketing and tourism, event planning, and the legal aspects of the hospitality industry. In addition to classroom information and discussion, student will gain hands-on experiences within a new hotel/convention center complex located near the school in Sandwich.

Law Enforcement

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

Students will study the law enforcement section of the criminal justice system. Speakers include the DEA, FBI, Secret Service and SWAT. Students will engage in real-life scenario-based training, defensive tactics instruction, and law enforcement firearm simulators. Students will visit jails, police academies, military facilities, and police departments. First year students may have the opportunity to shadow police officers. Second year students will be leading class discussions and assuming a supervisory role with the first year students and spend more time shadowing local agencies and assisting with undercover investigations. By the end of the year, students will be able to investigate a crime, make an arrest, complete the report, and testify in court. Prospective students may be required to complete a background check and drug screen.

Sports Management/Sports Medicine

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

This course will introduce the student to the professions within the sports medicine and sports management industries, such as Athletic Training, Coaching, Physical therapy, Personal Training and Massage Therapy. Sports Medicine I will focus on the anatomy of the skeletal and muscular systems, injuries, rehabilitation protocols, as well as taping and wrapping techniques. Sports Management I introduces students to a variety of careers in sports, including, but not limited to, the fitness industry, coaching, facilities planning, sports marketing and sports journalism. A requirement of all first year students is to perform, outside of regular class time, fifteen hours of professional job shadowing. Second year students meeting all prerequisites have the opportunity to participate in internships with local businesses. This course offers necessary skills required to enter many post-secondary educational programs.

Welding & Fabrication

2 Semesters = 4.0 credits

See Priority Rating on Page 10

Grade 11-12

First year students enrolled in Welding are instructed in safety and workshop protocol and gain hands-on experience in basic arc welding. Second year students develop advanced arc welding skills and gain experience in "mig" and "tig" production welding. All classes emphasize employability skills including appropriate, professional conduct.

Notes