

Placentia-Yorba Linda Unified School District



High School Course Descriptions

PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT

**1301 E. Orangethorpe Avenue
Placentia, CA 92870
(714) 996-2550**

EL CAMINO REAL HIGH SCHOOL

1351 E. Orangethorpe Avenue
Placentia, CA 92870
Gordon Chamberlin, Principal

EL DORADO HIGH SCHOOL

1651 N. Valencia Avenue
Placentia, CA 92870
Karen Wilkins, Principal

ESPERANZA HIGH SCHOOL

1830 N. Kellogg Drive
Anaheim, CA 92807
Ken Fox, Principal

VALENCIA HIGH SCHOOL

500 N. Bradford Avenue
Placentia, CA 92870
Jim Bell, Principal

YORBA LINDA HIGH SCHOOL

4175 Fairmont Boulevard
Yorba Linda, CA 92886
Dave Flynn, Principal

LA ENTRADA HIGH SCHOOL

4175 Fairmont Boulevard
Yorba Linda, CA 92886
Libby Moore, Principal

PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT

Dear Students and Parents:

This course description book is a comprehensive list of all Board adopted high school course offerings, which are available to students within the Placentia-Yorba Linda Unified School District. This district-wide book was developed based upon the recommendation of each high school and was prepared by representatives from each site and district office personnel. During the second semester, each high school will conduct a needs assessment, which will determine the potential course offerings at each school.

The courses listed within this book reflect a wide variety of options available to students, ranging from advanced placement and honors classes to those designed to meet unique student needs. In conjunction with a school counselor, students should determine their selection of courses by reviewing graduation requirements, college entrance requirements, career options, and personal interests.

The district course offerings are reviewed and revised regularly. New courses are periodically added to the list to better prepare students for the future challenges in an ever-changing world.

If you have any questions regarding specific courses, please contact the counseling office of your school of attendance.

PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT GRADUATION REQUIREMENTS

The Board of Education establishes the following requirements for the satisfactory completion of the high school program of study and for the granting of the high school diploma of graduation. The student will:

1. Successfully complete a minimum of 230 semester credits. (To be applied toward the completion of this requirement, any credit taken outside of the regular high school program while attending a district comprehensive high school must be approved in advance by the principal or his designee and by the parent/guardian and must relate to identified goals of the student)
2. Successful completion of specific requirements as indicated below:

Language Arts **4 years** **40 credits**

Language Arts 1	10 credits
Language Arts 2	10 credits
Language Arts 3	10 credits
Language Arts 4 or approved L/A electives	10 credits

Mathematics **2 years** **20 credits**

10 credits of Algebra 1 are required for graduation. Acceptable completion of this course prior to ninth grade will meet this requirement.

Social Science **3 years** **30 credits**

World History/Culture/Geography or AP European History	10 credits
U.S. History	10 credits
U.S. Government	5 credits
Economics	5 credits

Science **2 years** **20 credits**

(to include one year each in biological and physical science)

Physical Education **2 years** **20 credits**

Coed P.E. 9 or Athletics	10 credits
Coed P.E. 10 or Athletics	10 credits

Fine Arts OR World Language **1 year** **10 credits**

Fine arts includes courses from the fields of art, music, drama, humanities and dance. Dance may not be taken to satisfy both fine arts and physical education requirements.

Health Education **5 credits**

Academic Studies and Career Planning **5 credits**

Service Learning/Community Service **40 hours**

Elective Courses **80 credits**

1. No more than twenty (20) of these elective credits may be earned in service based courses. The 20 credits which may be accumulated from grades 11-12 are office, classroom and library aides. This excludes home study. Such courses shall be periodically reviewed and designated by the Deputy Superintendent, Educational Services, to meet this requirement.

NOTE: In accordance with Education Code 51225.3, alternative means for students to complete the above prescribed courses of study may be developed and implemented with the approval of the superintendent or designee.

2. Students must pass the High School Exit Exam.
3. Maintain an acceptable level of citizenship during the period of high school enrollment up to and including the final graduation ceremony.

Transfer students must meet all requirements for high school graduation established by the State of California. Transfer students who had met the requirements of their former districts prior to enrollment will be required to meet only those requirements of this District which may reasonably be expected in the time remaining in the normal four-year period of attendance.

UNIVERSITY AND COLLEGE ADMISSION REQUIREMENTS

NOTE: Some University of California and Cal State/Poly campuses are impacted, and some major areas at some campuses are highly competitive and can only accept limited numbers of students each year. For acceptance to these campuses and into these majors, students must possess academic qualifications that go well beyond the minimum admission requirements summarized in the following pages.

UNIVERSITY OF CALIFORNIA (U.C.)

All campuses of the University of California have the same undergraduate admission requirements, (Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, San Francisco, Santa Barbara and Santa Cruz)

A-G Subject Requirements: To satisfy this requirement, you must have successfully completed a specific sequence of high school courses in the subjects listed below. To be accepted by the University, they must appear on a list certified by your high school principal as “Courses to Meet Requirements for Admission to the University of California.” Your counselor or principal will have a copy of this list. (www.ucop.edu/pathways)

The grades you earn in the A-G subjects taken in the tenth and eleventh grades are the only grades the University will use to calculate your grade-point average for admission.

It will take 15 units (one unit is equivalent to a one-year course) of high school work to fulfill the subject requirement. At least 7 of the 15 units must have been earned in courses taken during the last two years of high school.

- a. United States History and/or U.S. Government and World History: Two years required; three years recommended.
- b. English Composition, Literature, etc.: Four years required; maximum of one year in the 9th grade allowed.
- c. Mathematics: Three years of Mathematics – Algebra, Geometry, and Intermediate Algebra (Algebra 2) required; four recommended.
- d. Laboratory Science: Biology, Chemistry, Physics, etc. Two years required; three recommended.
- e. World Language: Two years of same world language required; three recommended.
- f. One year of Visual and Performing Arts
- g. College Preparatory Elective Courses: One year required. This course must be chosen from any of the following areas: Social Science, English, Advanced Mathematics, Laboratory Science, Foreign Language and specified advanced visual and/or performing arts courses. (See U.C. approved list)

YOU MUST ALSO HAVE COMPLETED ALL A-G SUBJECTS WITH SATISFACTORY GRADES OF “C” OR BETTER.

If your grade-point average is 3.5 or higher in the A-G subjects taken during 10th-11th grades, you are eligible for admission to the University, regardless of the scores you earn on the standardized tests used for the Examination Requirement. If your grade-point average is below 3.5 but above 3.0, you are eligible for admission to one of the U.C. campuses if you achieve the composite or total test score specified on the Eligibility Index. You must remember that to be accepted at the more popular campuses and/or in the more popular majors, students **must exceed these minimum subjects, G.P.A., SAT II, and SAT, or ACT requirements.**

The grades earned in A-G subjects taken in the ninth grade or earlier are not used to calculate your grade-point average for admission. However, these courses are used to meet the subject requirements if they are completed with a grade of “C” or higher.

College Preparatory Elective Courses: Of the 1 unit in elective courses required under the “g” subject requirement, the units must be completed with a grade of “C” or better, and all units must be accepted by the high school for graduation.

Honors Level Courses: The University gives extra weight to grades earned in honors level courses (up to eight semesters). Most students complete UC-certified honors-level work in grades 11 and 12, although some advanced students may be able to complete these courses as early as grade 10. The University limits the amount of UC-certified honors credit students may receive for work completed in grade 10 to no more than two units (four semesters). The campuses use a variety of GPA’s in the admission process. Not all PYLUSD honors courses receive weight. Please see www.ucop.edu/pathways for a list UC approved honors courses.

Examination Requirements: To satisfy these admission requirements, you must submit scores from the standardized tests described below:

1. A “core” examination
 - ACT Assessment with Writing
 - SAT Reasoning Test

2. Two SAT II Subject Tests
 - Two tests in **different** subject areas (choose from English, history and social studies, languages, math, or science)
 - For selection (not eligibility) some campuses have **recommended** SAT Subject Tests for specific majors

3. These entrance exams should be taken in March or April, May, and/or June of JUNIOR YEAR. We suggest the SAT I/ACT in March or April and June and the SAT II (Subject tests) in May. UC schools will not accept test scores after the December test date of the senior year.

You must remember that to be accepted at the more popular campuses and/or in the more popular majors, students must exceed these minimum subjects, G.P.A., and SAT or ACT requirements. **YOU MUST ALSO HAVE COMPLETED ALL A-G SUBJECT REQUIREMENTS WITH SATISFACTORY GRADES – “C” OR BETTER.**

CALIFORNIA STATE/POLY UNIVERSITY (C.S.U.)

Bakersfield, Channel Islands, Chico, Dominguez Hills, Fresno, Fullerton, Hayward, Humboldt, Long Beach, Los Angeles, Monterey Bay, Maritime Academy, Pomona, Northridge, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Luis Obispo, San Marcos, Sonoma, and Stanislaus.

A. Subject Requirements

1. Four years of college preparatory English.
2. Three years of mathematics. (Algebra 1, Geometry, Algebra 2).
3. Two years of same world language.
4. Two years of a laboratory science (One year Biological and one year Physical).
5. Two years of History (U.S. History AND World History).
6. One year of visual and performing arts (fields of art, music, drama, humanities).
7. One year of an approved elective – additional course from #1 thru 6 requirements.

YOU MUST COMPLETE ALL 15 SUBJECT REQUIREMENTS WITH SATISFACTORY GRADES “C” OR BETTER!

B. Examination Requirement: To satisfy this admission requirement, you must submit scores from the standardized tests described below:

1. One aptitude test, either a or b:
 - a. SAT I
 - b. ACT

Testing must be completed by October of the student’s senior year for SDSU and CPSLO

C. Admission Table for California High School Graduates

The table below gives several examples of the test score totals needed with a given grade point average to be eligible for admission.

Eligibility Index Table for California High School Graduates or Residents of California

	ACT	SAT I		ACT	SAT I		ACT	SAT I		ACT	SAT I
GPA	Score	Score	GPA	Score	Score	GPA	Score	Score	GPA	Score	Score
3.00 and above qualifies with any score											
2.99	10	510	2.74	15	710	2.49	20	910	2.24	25	1110
2.98	10	520	2.73	15	720	2.48	20	920	2.23	25	1120
2.97	10	530	2.72	15	730	2.47	20	930	2.22	25	1130
2.96	11	540	2.71	16	740	2.46	21	940	2.21	26	1140
2.94	11	550	2.69	16	750	2.44	21	950	2.19	26	1150
2.93	11	560	2.68	16	760	2.43	21	960	2.18	26	1160
2.92	11	570	2.67	16	770	2.42	21	970	2.17	26	1170
2.91	12	580	2.66	17	780	2.41	22	980	2.16	27	1180
2.89	12	590	2.64	17	790	2.39	22	990	2.14	27	1190
2.88	12	600	2.63	17	800	2.38	22	1000	2.13	27	1200
2.87	12	610	2.62	17	810	2.37	22	1010	2.12	27	1210
2.86	13	620	2.61	18	820	2.36	23	1020	2.11	28	1220
2.84	13	630	2.59	18	830	2.34	23	1030	2.09	28	1230
2.83	13	640	2.58	18	840	2.33	23	1040	2.08	28	1240
2.82	13	650	2.57	18	850	2.32	23	1050	2.07	28	1250
2.81	14	660	2.56	19	860	2.31	24	1060	2.06	29	1260
2.79	14	670	2.54	19	870	2.29	24	1070	2.04	29	1270
2.78	14	680	2.53	19	880	2.28	24	1080	2.03	29	1280
2.77	14	690	2.52	19	890	2.27	24	1090	2.02	29	1290
2.76	15	700	2.51	20	900	2.26	25	1100	2.01	30	1300
Below 2.00 does not qualify for regular admission											

You must remember that to be accepted at the more popular campuses and/or in the more popular majors, students must exceed these minimum subject, G.P.A., and testing requirements.

COMMUNITY COLLEGES

Any high school graduate or any adult 18 years of age or over, who can show evidence that he can benefit from the instruction, may be admitted to the community college.

Math and English placement tests must be taken at the college to determine proper placement in basic subject areas.

Community colleges offer three types of programs:

- 1. Lower division work for transfer as a junior to a four-year college.**
- 2. Two-year vocational programs.**
- 3. Make-up for students with high school deficiencies.**

Applications are available online at the end of February and will be accepted by the schools starting March 1. See your counselor for more information.

PRIVATE COLLEGES

Private colleges vary in their entrance requirements. It is important that you check their catalogs very carefully. Discuss your situation with your counselor. You must determine whether you will meet entrance requirements; and in some cases, it is wise to apply to more than one college since you may not be accepted by your first choice. The counseling office has excellent resource books on all independent colleges and universities in California.

MILITARY ACADEMIES

U.S. Air Force, U.S. Merchant Marine, U.S. Army, U.S. Naval, and U.S. Coast Guard. (U.S. Coast Guard applicant procedures are different from below. See your counselor for details.)

If a young person would like to attend one of the service academies, the following must be done:

- 1. Make application on or before September of the year prior to high school graduation. Student should begin application for nomination procedures in March or April of junior year.**
- 2. Be at least 17 years of age and not have passed one's 22nd birthday.**
- 3. Be a resident of the 15th Congressional District.**
- 4. Be of good moral character.**
- 5. Be unmarried or never have been married.**
- 6. Students must have above average grades and test scores.**
- 7. Not be suffering from an obvious physical defect that is not correctable.**

Nominations are based upon scholastic aptitude, counselor recommendation, personal interview by the service academy's review board, and competitive selection by the academy.

NORTH ORANGE COUNTY
REGIONAL OCCUPATIONAL PROGRAM
2360 W. La Palma, Anaheim, California 92801
(714) 776-2170

WHAT IS ROP?

ROP stands for Regional Occupational Program. The program is an important part of the course offerings at all PYLUSD High Schools. The North Orange County ROP offers free, hands-on job training, career guidance and job placement assistance to all students 16 years old and older. A maximum of ten (10) ROP credits may be earned each semester.

WHAT CAN ROP DO FOR YOU?

- You can attain entry-level job skills
- You can prepare for a well-paying career
- You can earn elective high school credits
- You can earn credits/advanced placement toward community college courses

ROP AND YOUR FUTURE CAREER

Whether you want to be a doctor, plumber, computer wizard, business magnate, construction worker, teacher, or almost anything else, ROP can help prepare in the classroom and on the job for your future. ROP classes give you the opportunity to job shadow and/or experiment seriously with a possible eventual career. You'll know exactly what it's like to work in a hospital, bank, store, auto repair shop, with children, as a commercial artist, on a computer, on a construction site, operate your own business and more.

ROP WILL TEACH YOU HOW TO FIND A KEEP JOB

All ROP courses include instruction in self-directed placement. Instruction includes interviewing techniques, filling out application forms, and locating potential jobs. The North Orange County ROP employs a job placement specialist to help you in your job search.

WHERE ROP CLASSES ARE LOCATED AND HOW YOU CAN GET THERE

ROP classes are located on the high school campuses, in ROP job training satellites and in community businesses. If a class you want to take is not available on this campus and you don't have transportation, you can either car pool with other students or obtain a free bus pass to and from class from your ROP instructor.

HOW YOU CAN TAKE AN ROP CLASS WHEN YOU ALREADY HAVE A FULL SCHEDULE

Many ROP classes are offered in the late afternoons, evenings, and Saturdays so they won't interfere with your regularly scheduled classes. You could also elect to take an ROP class in the summer.

WHAT ARE THE THREE TYPES OF ROP CLASSES THAT STUDENTS CAN TAKE?

REGULAR ROP CLASSES – These classes don't have any work component. Students earn 1 credit for every 15 hours they spend in the classroom.

(CC) COMMUNITY CLASSROOM ROP – Students enrolled in these classes who successfully complete the classroom work may be placed on the job 8-30 hours per week without pay to gain experience and a good recommendation. Students earn 1 credit for every 15 hours in the classroom or on the job.

(CVE) COOPERATIVE VOCATIONAL EDUCATION ROP – This ROP class can only be taken by seniors. Students attend one weekly 3-hour class with an instructor. They must have a job for which they earn money. Students receive 1 credit for every 15 hours of class and 1 credit for every 30 hours of work. Students must turn in a time card each week to certify their work hours. A student can miss no more than two class meetings the entire semester.

HOW TO ENROLL IN ROP

High school students can enroll in ROP classes through their counselor. New ROP catalogues listing course offerings are printed in the fall, spring, and summer.

THE FOLLOWING IS A SAMPLING OF R.O.P. CLASSES

To enroll in a ROP course a students must be 16 years of age. Enrollment preference is given in order to Seniors, Juniors, and Sophomores. See your counselor to sign up for classes or for additional information.

Accounting Clerk I
Accounting Clerk II, Computer
Agriculture Sales/Services – CVE
Allied Health Occupations
American Red Cross Certification
Animation (3D Computer Graphics)
Apprenticeships
Aquatics/Marine Diving
Auto Body Repair
AutoCAD, Mech./Architectural Desktop
Auto Detailing
Automotive Technician (intro.) – CVE
Automotive Technician Training
Baking/Pastry Training Program
Banking Careers
Basic Occupational Training
Basic Skills Lab
Blueprint Reading for Construction Trades
Business Technology
CAD/CAM
CAD-Drafting/Computer Assisted Design
Careers in Teaching
Career Training for Transition
Career Training/Job Search Seminar
Careers With Children/Child Care
Carpentry/Construction Occupations
Certified Nurse Assistant
Chef Training
CISCO 1 and 2
CNA Continuing Education
Cooking Essentials, Basic
Computer Aided Design (CAD) Drafting
Computer Applications
Computer Graphics/Animation
Computerized Medical Insurance Billing
Computer Repair
Construction Technology
Cosmetology Occupations
CPR for health Care Providers
Culinary Arts
CNC Machining
Dental Assistant
Digital Video Production
Disneyland
Drafting
Education Occupations/Instructional Assist.
Education Occupations/Careers W/Children
Electrical Codes & Ordinances
Electronic Publishing & Design
Electronics Assembly
Emergency Medical Technician
Entrepreneurship
Escrow Assistant
Financial Planning
Financial Services/Marketing
Fire Technology, Introduction to
Floral Design
Food Service/Restaurant Marketing Careers
Forensic Science (Introduction)
Fundamental Skills Learning Lab
Graphic Design (see Electronic Publishing)
Graphics/Printing
Health Fitness/Sports Medicine Tech
Health Unit Coordinator
Heating/Ventilation/AC/Refrigeration
Hotel Careers – CC/CVE
Home Health Aide
Income Tax Preparation
Infant/Toddler Assistant
Instructional Assistant
Internet Fundamentals
Job Search Seminars
Legal and Law Enforcement Occupations
Marketing/Retail Careers
Masonry
Medical Core
Medical Terminology Review
Merchandising, General – CC/CVE
Microsoft Office Instruction
Mortgage Loan Processing Clerk
Motorcycle Technician
Multimedia Production
Network Technology
Nursery/Landscaping
Nursing Assistant
Orthopedic Technician
Pharmacy Technician
Photography
Plumbing
Preschool Teacher – CVE
Preschool/School-Age Assistant
Printing
Public Safety/Services
Radiation Safety (Dental X-Ray)
Recreational Leadership – CC/CVE
Responsive Infant Toddler Caregiver – CC/CVE
Restaurant Careers/Culinary Arts
Restaurant Careers – CVE
Retail Careers
Retail Restaurant/Food Services – CVE
Safety and Sanitation Certification Course
Scuba Diving
Special Education Instructional Aide
Telemetry Technician (Monitor)
Theme Park/Entertainment/Tourism – CC/CVE
Travel Careers
Virtual Enterprise
Vocational English as a Second Language
Vocational Nursing (LVN)
Veterinary Assistant
Water Safety Instructor
Website Designer/HTML
Welding/Metal Fabrication
Windows 95 and/or Windows 98
Wood Manufacturing

DEFINITION OF KEY TERMS

ADVANCE PLACEMENT PROGRAM (AP) AP is a program of college-level courses and exams for secondary school students. Over 90 percent of the colleges that most AP candidates have attended give credit and/or advance placement to students whose AP Examination grades are considered acceptable. High school courses in English, Advanced Mathematics, History, Laboratory Science, and Foreign Language are offered in the AP program.

ALTERNATE COURSES An opportunity for the student to choose a course in the event it is not possible to schedule the first choice.

CREDIT The credit is Placentia-Yorba Linda Unified School District's academic measure for successful completion of work. In a subject meeting five periods a week for a semester, the student receives five (5) credits; successful completion requires a grade of A, B, C, or D. To graduate, students must earn 230 credits.

CURRICULUM The course of study offered in a school.

ELECTIVE COURSES These are courses not specifically required for graduation, but which a student should select to coincide with interest, aptitudes and future education or career plans.

HIGH SCHOOL RECORD Among the documents that a person acquires in a lifetime, few are as important or as permanent as the record of a student during the four years in high school. The principal or each high school is required by law to maintain the educational record of each student enrolled. The record is called a transcript. It contains a list of all the classes and grades a student has taken in high school. Acceptance at a college or university will be based heavily on the quality of a student's high school record.

HONOR CLASSES (H) Honors classes are offered for academically talented students in the Art, English, Math, Science and Social Science areas. Students are selected for such classes based on District approved honors placement criteria. (www.pylusd.org)

PREREQUISITES These are requirements, recommendations or classes which must be fulfilled before a student may enroll in a particular course. Example: Algebra 1 before Geometry.

REQUIRED COURSES These are specific subjects which a student must complete in order to earn a diploma from Esperanza High School, a PYLUSD high school.

SEMESTER The school year consists of two semesters of 18 weeks each, with each semester divided into two quarters for the purpose of reporting grades to parents. Only semester grades are recorded on the student's transcript.

**PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT
DISTRICT COURSES OF STUDY
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All courses described on this page may not be offered at every high school campus. Please check with your counselor for specific class offerings at your school.

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BUSINESS EDUCATION

COURSE TITLE: BUSINESS MATHEMATICS **Grades: 10-12**
Length: One Semester **Prerequisite: One Year High School Math**

This course includes application of basic mathematic fundamentals to business situations that occur in home and in business. It includes personal and business banking, personal and business budgeting, long and short-term credit, interest, and investments. In may include use of calculators and computers to solve business application problems. (Satisfies Mathematics or elective requirements)

COURSE TITLE: RECORDKEEPING **Grades: 10-12**
Length: One Semester **Prerequisite: One Year High School Math**

This course provides instruction in the essentials of personal records, simple records used in business, and beginning elements of accounting. It emphasizes organization of work, neatness, and proper work habits. It may include use of calculators and computers to develop and maintain efficient records. (Satisfies Mathematics or elective requirement)

COURSE TITLE: COMPUTERIZED RECORDKEEPING **Grades: 9-12**
Length: One Year **Prerequisite: One year pre-algebra or Algebra 1 or Business Math or Recordkeeping**

Students will learn and apply industry-standard computer programs to perform recordkeeping and accounting procedures. The accounting concepts acquired will prepare students with the financial tools needed to keep records in a business or to take accounting. Because comprehensive computer skills are vital to business and industry in our rapidly changing technological, global society, students will focus on technology used to analyze and manage information using a variety of software applications. They will demonstrate competency by utilizing multiple skills, processing data effectively, and producing quality information.

COURSE TITLE: KEYBOARDING & COMPUTER APPLICATIONS **Grades: 9-12**
Length: One Year **Prerequisite: None**

The first semester of this course provides the fundamentals of keyboarding for information processing using modern computers and current software for the beginning student. Applications of skills learned may be found in preparation of college papers and reports, personal use, and computer fields. The second semester is designed for those who want to develop speed and accuracy in keyboarding for personal needs, college use, or marketable skills. Upon completion of the course the student will have developed keyboarding speed with a high degree of accuracy. Instruction and practical application of word processing concepts using computers and word processing software will be implemented.

COURSE TITLE: WORD PROCESSING **Grades: 10-12**
Length: One Year **Prerequisite: Keyboarding or Demonstration of competency**

This course offers training in word processing concepts, applications and advanced word processing concepts. Students will use word processing equipment effectively to produce business documents, reinforce language arts skills necessary for effective word processing, and strengthen related business/office skills needed for personal word processing applications and/or employment in word processing occupations. Students will also be introduced to graphics and desk-top publishing concepts and other appropriate applications.

COURSE TITLE: ACCOUNTING 1 **Grades: 10-12**
Length: One Year **Prerequisite: Algebra 1 with a C or better or teacher recommendation**

This course covers a broad range of accounting principles. It includes instruction in special journals, posting, trial balancing, work sheets, financial statements, adjustments, and closing ledgers. Students are introduced to computerized accounting. This course is highly recommended for students who are training for many of the business occupations as well as students planning on becoming accounting or business majors at the college level. (Satisfies one year of mathematics or elective requirement)

COURSE TITLE: COMPUTERIZED ACCOUNTING 2 **Grades: 11-12**
Length: One Year **Prerequisite: Accounting 1**

This course is a continuation of Accounting 1. It gives students hands-on experience in using the computer to apply accounting concepts. This course provides a realistic, integrated approach covering the major components of an accounting cycle. This course is strongly recommended for students who are training for a business or accounting-oriented occupation, as well as students planning on becoming accounting or business majors at the college level.

COURSE TITLE: BUSINESS LAW **Grades: 11-12**
Length: One Semester **Prerequisite: None**

Students will understand the history, structure, and operation of the American legal system and the basic principals of law relevant to business operations. They will demonstrate competency by explaining how laws and regulations are created and applied; they will demonstrate an understanding of the legal environment of business.

COURSE TITLE: BUSINESS FUNDAMENTALS **Grades: 9-12**
Length: One Semester **Prerequisite: Keyboarding**

This course is broad-based and facilitates the integration of academic and technical knowledge necessary for the high performance workplace. Students will use appropriate business software, equipment, and materials to acquire the skills, knowledge, and ability needed to succeed. Business Technology Core standards include business communications, business environment, career preparation, and job acquisition, economics of business, financial concepts, functions of business, human resources development, leadership development, and technology.

COURSE TITLE: MARKETING
Length: One Year

Grades: 11-12
Prerequisite: None

Students will understand principles and concepts of marketing, promotional strategies for marketing products, the selling process in sales environments and image, service and customer relations. They will demonstrate competency describing the relationship between profit and customer service, developing and presenting a promotional plan, applying marketing knowledge to a variety of business situations and by identifying customer buying behaviors.

COMPUTER TECHNOLOGY

COURSE TITLE: COMPUTER TECHNOLOGY
Length: One Year

Grades: 9-12
Prerequisite: None

Computer Technology is a computer laboratory course. Students will use the computer for a variety of software applications and operation, additional computer information, computer trends, careers, and further educational opportunities. Students will select, combine, and apply appropriate software needed to function effectively in our rapidly changing technological, global society. Students will focus on advanced technology skills vital to business and industry, use technology to analyze and manage information and integrate software applications. Computer Technology is recommended for students who are preparing for college and/or a career.

COURSE TITLE: COMPUTER MAINTENANCE
Length: One Semester

Grades: 9-12
Prerequisite: None

This is a course designed to prepare students to operate, maintain, and repair microcomputer systems. Students receive instruction and hands-on applications in basic electronics and set up, trouble shoot, and service personal computer systems. Students explore and become familiar with software applications and operating system installation. Integrated throughout the course is additional information on computer trends, careers, problem solving, safety, and other employment skills. The course is open-entry, open-exit, and competency based. (May be repeated for credit)

COURSE TITLE: INTRODUCTION TO COMPUTER SCIENCE
Length: One Year

Grades: 9-12
**Prerequisite: “C” or better in Algebra 1
or teacher approval**

Introduction to Computer Science is a year long course, which introduces students to core computer programming concepts. The course is designed to introduce students with sufficient math background to the fundamentals of computer programming and data manipulation. The course emphasizes top down programming technique, proper syntax, proper documentation methods, modular programming, event oriented programming, graphic user interface design, and “end user” oriented programming.

COURSE TITLE: INTERMEDIATE COMPUTER SCIENCE **Grades: 10-12**
Length: One Year **Prerequisite: “C” or better in Geometry and teacher recommendation required. Previous programming experience such as Visual Basic, Pascal, Delphi, C++, etc. highly recommended**

Intermediate Computer Science is a year long course in structured computer programming. The course is designed for students with previous programming experience and a sufficient math background. The course emphasizes top down programming, modular programming, detailed syntax checking, and error checking. Additionally, emphasis will be placed on the sequence of steps needed to write more complex programs: writing code using library functions, compiling and linking code, debugging code, and executing finished programs. Languages such as C, C++, Pascal, Scheme, and Java are especially suited for an intermediate course in structured programming.

COURSE TITLE: COMPUTER PROGRAMMING WITH VISUAL BASIC **Grades: 9-12**
Length: One Year **Prerequisite: “B” or better in Algebra 1**

Computer Programming with Visual Basic is a year long course in the Basic and Visual Basic programming languages. The course is designed to introduce students with sufficient math backgrounds to the fundamentals of computer programming and data manipulation. The course emphasizes top down programming technique, proper syntax, proper documentation methods, modular programming, event oriented programming, graphic user interface design, and “end user” oriented programming.

COURSE TITLE: COMPUTER PROGRAMMING WITH ANSI “C” **Grades: 10-12**
Length: One Year **Prerequisite: “B” or better in Geometry required. Previous programming experience such as Visual Basic, Pascal, etc. highly recommended**

Computer Programming with ANSI “C” is a year long course in the “C” computer programming language. Due to its power of expression and compactness of coding, “C” is quickly becoming the language of choice for professional programmers. The course is designed for students with previous programming experience and a sufficient math background. The course emphasizes top down programming, modular programming, detailed syntax checking, and error checking. Additionally, emphasis will be placed on the sequence of steps needed to write a “C” program: writing code using library functions, compiling and linking code, debugging code, and executing finished programs.

COURSE TITLE: COMPUTER PROGRAMMING WITH JAVA **Grades: 10-12**
Length: One Year **Prerequisite: “C” or better in Geometry and Teacher Recommendation**

JAVA computer programming is a one-year course designed to enable students to develop skills in writing computer programs in the JAVA language. Topics will include algorithmic solutions of mathematical problems, software development, top-down program design, object-oriented programming, web page design, JAVA classes, objects and methods, JAVA syntax, primitive data types, strings loops, arrays, searching and sorting.

COURSE TITLE: AP COMPUTER SCIENCE-A **Grades: 11-12**
Length: One Year **Prerequisite: Honors/AP Placement Criteria**

AP Computer Science A is a year long course. It focuses on developing computer programs to solve problems. The course also emphasizes the design of programs that are understandable, adaptable and reusable. Other important concepts in computer science are covered including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms.

Topics covered will be consistent with the Advanced Placement (AP) Computer Science-A course and include the recommended subset as defined by the most recent edition of the College Board “acorn” book. The parts of the course that require reading or writing code will be done in Java, and object oriented language.

COURSE TITLE: AP COMPUTER SCIENCE-AB **Grades: 11-12**
Length: One Year **Prerequisite: Honors/AP Placement Criteria**

AP Computer Science AB is a year long course. It includes everything taught in the A course and extends and deepens its focus. The course emphasizes the design of programs that are understandable, adaptable and reusable. Other important concepts in computer science are covered including the development and analysis of algorithms, the development and use of data structures, and the study of standard algorithms, design and abstraction.

Topics covered will be consistent with the Advanced Placement (AP) Computer Science-AB course and include the recommended subset as defined by the most recent edition of the College Board “acorn” book. The parts of the course that require reading or writing code will be done in Java, and object oriented language.

COURSE TITLE: INTRO TO COMPUTER ASSISTED DRAFTING **Grades: 10-12**
Length: One Year **Requirement: “C” or better in Computer Technology A and B**

This course teaches basic drafting skills and their application on the computer with emphasis in engineering and architectural drawings. The architectural portion of the course includes designing and drawing residential homes. The engineering portion of the course includes descriptive geometry, technical illustration, assembly drawings, and cross-sections. Introduction also includes research into CAD (Computer Assisted Drafting) careers, and a broad incorporation of the design process. The emphasis in the introduction course is to familiarize the students with the CAD interface and drawing 2-dimensional drawings that are technically correct.

COURSE TITLE: INTERMEDIATE COMPUTER ASSISTED DRAFTING **Grades: 11-12**
Length: One Year **Prerequisite: Computer Assisted Drafting I or Teacher Recommendation**

This course teaches intermediate drafting skills and their application on the computer with emphasis in architectural drawings and some engineering drawings. This course includes designing and drawing small commercial and residential buildings in 2 dimensional and 3 dimensional views. This will also give each student exposure to unique real-world disciplines. The emphasis in the intermediate course is to become more technically proficient with the interface using the command line entry method, draw descriptive 1, 2, and 3 dimensional drawings that are technically correct, more advanced CAD interfaces and plotting (a.k.a. printing) to scale.

COURSE TITLE: **ADVANCED COMPUTER ASSISTED DRAFTING** **Grade: 12**
Length: **One Year** **Prerequisite: Computer Assisted Drafting I & II**
or Teacher Recommendation

This course teaches advanced drafting skills and their application on the computer with emphasis in engineering drawings, architectural drawings, and real world group projects. Additionally, 4 “mini-units” using “Inventor Series”, “VIZ”, “Mechanical Desktop” and “Intermediate AutoCAD” will give each student exposure to unique, professional disciplines. The emphasis in the advanced course is to become more technically proficient with the interface using keyboard shortcuts, toolbars, and the command line entry method. Also, being able to draw descriptive 1-, 2-, and 3-dimensional drawings that are technically correct, advanced CAD interfaces, plotting to scale, and manufacturing requirements.

COURSE TITLE: **WEB DESIGN** **Grades: 9-12**
Length: **One Year** **Prerequisite: Grade of C or better in Algebra**

Web Page Design is a year-long course designed to introduce students to web page design for both the Internet and an in-class Intranet which the students will design. Students will learn HTML code structures, web design language, which will allow them to design web pages. Students will use skills learned in the class environment to update and maintain an actual Internet Web Site. The HTML language is a very simple language and is easy for the average student to learn. Upon completion of this course, the average student will be able to design, maintain, upgrade, and modify Internet/Intranet Web type documents. In addition, students will learn fundamental computer programming and operating skills. These skills can then be applied to other, higher level programming languages, other computer related courses, the school environment, and the workplace.

COURSE TITLE: **ADVANCED PROJECTS IN WEB DESIGN** **Grades: 10-12**
Length: **One Year** **Prerequisite: Teacher Approval, Intro to**
Web Page Design Recommended

This course is designed for students who wish to continue above and beyond *Introduction To Web Page Design*. *Advanced Projects in Web Design* emphasizes the skills required to create, update, secure, and maintain a web site domain. The course will include project based activities where students work individually and in teams working with a live Internet web site. May be repeated for credit, NTE 20 credits.

COURSE TITLE: **TELECOMMUNICATIONS 1 & 2** **Grades: 10-12**
Length: **One Year** **Prerequisite: Successful Completion of Algebra I**
and completion of Computer Maintenance

In this year long course, students learn computer networking. They acquire knowledge and skills necessary for getting and keeping an entry-level job in the computer-networking field. Besides increasing career awareness among students, the course also challenges them to continue gaining networking and to learn to make informed decisions about their future education and career path.

COURSE TITLE: TELECOMMUNICATIONS 3 & 4

Grades: 11-12

Length: One Year

Prerequisite: Successful Completion of Telecommunications 1 & 2

This is the second of two courses designed to provide students with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment and/or further education and training in the computer networking field. Content standards are based on a task analysis of current industry/occupational standards. The first half of this course includes switches, Local Area Network (LAN) and Virtual Local Area Network (VLAN) design, configuration, and maintenance, internet work packet exchange (IPX) routing and interior gateway routing protocols (IGRP); and network troubleshooting. The second half of the course includes wide area networks (WANS), integrated services data networks (ISDN), point-to-point protocols (PPP) , and frame relay design, configuration, and maintenance. Students develop practical experience in skills related to configuring WANs, ISDN, PPP, and frame relay protocols and network troubleshooting. Integrated throughout the course are career preparation standards, which include basic academic skills, communications, interpersonal skills, problem solving safety, technology, and other employment skills.

COURSE TITLE: ROBOTICS

Grades: 10-12

Length: One Year

Prerequisite: Completion of one computer based course and "B" or better in Geometry or teacher recommendation

The objection of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on micro controllers, autonomous mobile robots and real world applications. Information presented in class will be linked to lab experiments. Students will work in teams to build and test increasingly more complex LEGO-based mobile robots. Students will apply what they have learned through a series of robot contests.

COURSE TITLE: ADVANCED ROBOTICS

Grades: 10-12

Length: One Year

Prerequisite: Completion of Robotics 1 with a grade of "C" or better, or teacher recommendation

The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on micro controllers, autonomous mobile robots and real world applications. Information presented in class will be linked to lab experiments. Students will work in teams to build and test increasingly more complex LEGO-based mobile robots. Students will apply what they have learned through a series of robot contests. Students will explore materials in greater depth than Robotics 1.

WORLD LANGUAGE

COURSE TITLE: CHINESE 1

Grades: 9-12

Length: One Year

Prerequisite: None

This is an elective course that is one year in length; it is designed to develop foreign language skills and prepare students for living in a global society. Classroom instruction will be designed to develop the ability to communicate in the second language by involving the students in communicative tasks. Classroom instruction will include reading, writing, listening and speaking skills. Students will learn the target language in a contemporary cultural context. (This course may lead to meeting college entrance requirements.)

COURSE TITLE: CHINESE 2 **Grades: 9-12**
Length: One Year **Prerequisite: Grade “C” or better in Chinese I**

This is the second year of an elective course that is designed to further enhance foreign language skills and to prepare students for living in a global society. Chinese II is designed to continue developing vocabulary, deepening the understanding of word formation and sentence structure of the Chinese language, and further developing listening, speaking, and writing skills. Culture topics will also be presented.

COURSE TITLE: FRENCH 1 **Grades: 9-12**
Length: One Year **Prerequisite: None**

This is a one year course designed to develop foreign language skills and to prepare students for living in a global society. Classroom instruction is designed to develop the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes listening, reading, speaking, and writing skills. Students will learn French in a contemporary cultural context.

COURSE TITLE: FRENCH 2 **Grades: 9-12**
Length: One Year **Prerequisite: C or better grade in French 1**

This second year elective course is designed to further enhance world language skills and to prepare students for living in a global society. Classroom instruction is designed to increase the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening and speaking skills. Students will learn the target language in a contemporary cultural context. French is used whenever possible for explanation and application.

COURSE TITLE: FRENCH 2 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: A, B, or teacher recommendation in French 1**

This second year elective course is designed to accelerate world language skills, to begin to prepare students to successfully pass the Advanced Placement test in the French Language and to prepare students for living in a global society. Classroom instruction is accelerated and designed to increase the ability to communicate in a second language by involving students in more complex communicative tasks. Classroom instruction includes reading, writing, listening and speaking skills as is suggested in the AP Guide to Curriculum for French 2. Students will learn the target language in a contemporary cultural context. This course will be conducted primarily in the French language.

COURSE TITLE: FRENCH 3 **Grades: 9-12**
Length: One Year **Prerequisite: C or better in French 2**

This course reinforces and expands world language skills and multi-cultural awareness. Students advance by learning and using more complex structures and forms, as well as more vocabulary. Listening, reading, speaking, and writing skills are taught within a cultural context and practiced in communicative activities. Cultural units on French literature, cuisine, art, and music may be added at this level. French is used increasingly for instruction.

COURSE TITLE: FRENCH 3 HONORS

Length: One Year

Grades: 9-12

Prerequisite: A, B, or teacher recommendation in French 2

This is an advanced course that provides an in-depth, intensive study of the French language through practice of more complex structures and more extensive vocabulary. French 3 Honors provides further opportunity to practice the four basic language skills to help prepare students who will be taking the Advanced Placement French language exam. The course increases emphasis on speaking, reading, writing, and listening, and continues to present information pertaining to the life and culture of the people. This course is conducted almost exclusively in the French language.

COURSE TITLE: FRENCH 4

Length: One Year

Grades: 10-12

Prerequisite: C or better in French 3

This course reviews and extends course work from the first three years. An emphasis is placed on art and literature in the study of culture. As much as possible, the course is conducted in French with English used only for comparison or in explaining particularly sophisticated concepts. This course may prepare students to take the Advanced Placement (AP) examination.

COURSE TITLE: FRENCH-AP

Length: One Year

Grades: 10-12

Prerequisite: C or better in French 3

This course reviews and expands course work from the first three years. The emphasis of this course will be to prepare for the AP French Language Examination or the AP French Literature Examination. The content of this course will be dictated by the College Board “acorn book” on AP French.

COURSE TITLE: FRENCH 5

Length: One Year

Grades: 9-12

Prerequisite: C or better in French 4

This course reviews and extends course work from the first four years and is taught exclusively in French. An emphasis is placed on French civilizations and current events in the study of culture.

COURSE TITLE: GERMAN 1

Length: One Year

Grades: 9-12

Prerequisite: None

This is an elective course designed to develop world language skills and to prepare students for living in a global society. Classroom instruction is designed to develop the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening and speaking skills. Students will learn the target language in a contemporary cultural context. This course may lead to meeting college entrance requirements.

COURSE TITLE: GERMAN 2 **Grades: 9-12**
Length: One Year **Prerequisite: German 1 with Grade C or better**

This is an elective course designed to further develop the world language skills learned in German 1 and further prepare students for living in a global society. Classroom instruction will be designed to further develop the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context. This course may lead to meeting college entrance requirements.

COURSE TITLE: GERMAN 2 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: A or B and/or teacher recommendation in German 1**

This is the second year of an elective course designed to accelerate world language skills, to begin preparation for successful passing of the Advanced Placement test in the German Language and to prepare students for living in a global society. Classroom instruction is accelerated and designed to increase the ability to communicate in a second language by involving students in more complex communicative tasks. Classroom instruction includes reading, writing, listening and speaking skills as is suggested in the AP Guide to Curriculum for German 2. Students will learn the target language in a contemporary cultural context. This course will be conducted primarily in the German language.

COURSE TITLE: GERMAN 3 **Grades: 9-12**
Length: One Year **Prerequisite: German 2 with Grade C or better**

This is an elective course designed to reinforce the world language skills learned in German 1 and 2 and to continue to prepare students for living in a global society. Classroom instruction is designed to reinforce the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: GERMAN 3 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: A or B in Honors 2 and/or teacher recommendation in German 2**

This is an advanced course, which provides in-depth and intensive study of the German language through practice of more complex structures and more extensive vocabulary. German 3 Honors provides further opportunity to practice the four basic language skills to help prepare students who will be taking the Advanced Placement German language exam. The course increases emphasis on speaking, reading, writing, and listening and continues to present information pertaining to the life and culture of the people. This course leads to meeting college entrance requirements if the student is successful.

COURSE TITLE: GERMAN 4 **Grades: 9-12**
Length: One Year **Prerequisite: German 3 – Grade C or better**

This is an elective course designed to extend and reinforce the world language skills learned in German 1 through 3 and continue to prepare students for living in a global society. Classroom instruction is designed to extend and reinforce the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: GERMAN-AP **Grades: 10-12**
Length: One Year **Prerequisite: C or better in German 3 H and/or teacher recommendation**

This course reviews and extends course work from the first three years. The emphasis of this course will be to prepare for the AP German Language Examinations. The content of this course is dictated by the College Board “acorn book” on AP German.

COURSE TITLE: GERMAN 5 **Grades: 9-12**
Length: One Year **Prerequisite: German 4 – Grade C or better**

This is an elective course designed to extend and reinforce the world language skills learned in German 1 through 4 and continues to prepare students for the Advanced Placement (AP) Exam. Classroom instruction is designed to reinforce the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: GERMAN 5 HONORS **Grades: 10-12**
Length: One Year **Prerequisite: C or better grade in German 4 and/or teacher recommendation**

This course is for advanced students who wish to perfect their usage of the German language. The study of literature and present day culture is emphasized. It continues to review grammatical concepts of the German language and appropriateness of variant usages. German is spoken the majority of the time.

COURSE TITLE: SPANISH 1 **Grades: 9-12**
Length: One Year **Prerequisite: Grade of A or B in English recommended**

This is an elective course designed to develop world language skills and to prepare students for living in a global society. Classroom instruction is designed to develop the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: SPANISH 2 **Grades: 9-12**
Length: One Year **Prerequisite: C or better in Spanish 1**

This is the second year of an elective course designed to further enhance world language skills and to prepare students for living in a global society. Classroom instruction is designed to increase the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: SPANISH 2 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: A and/or Teacher Recommendation in Spanish 1**

This is the second year of an elective course designed to accelerate world language skills, to begin to prepare students for eventually taking the Advanced Placement test in the Spanish Language and to prepare students for living in a global society. Classroom instruction is accelerated and designed to increase the ability to communicate in a second language by involving students in more complex communicative tasks. Classroom instruction includes reading, writing, listening and speaking skills as is suggested in the *AP Guide to Curriculum* for Spanish 2. Students will learn the target language in a contemporary cultural context. The course will be conducted primarily in the Spanish language.

COURSE TITLE: SPANISH 3 **Grades: 9-12**
Length: One Year **Prerequisite: C or better in Spanish 2**

This course reviews and broadens grammatical concepts of the Spanish language through practice of more complex structures and more extensive vocabulary. Spanish 3 provides further opportunity to practice the four basic language skills. The course increases emphasis on speaking, reading, writing, and listening, and continues to present information pertaining to the life and culture of the people. The course is conducted primarily in the Spanish language.

COURSE TITLE: SPANISH 3 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: C or better in Honors 2 and/or Teacher Recommendation in Spanish 2**

This is an advanced course, which provides in-depth and intensive study of the Spanish language through practice of more complex structures and more extensive vocabulary. Spanish 3 Honors provides further opportunity to practice the four basic language skills to help prepare students who will be taking the Advanced Placement Spanish language exam. The course increases emphasis on speaking, reading, writing, and listening and continues to present information pertaining to the life and culture of the people. The course is conducted primarily in the Spanish language.

COURSE TITLE: SPANISH 4 **Grades: 9-12**
Length: One Year **Prerequisite: C or better in Spanish 3**

This course reviews and broadens grammatical concepts of the Spanish language. It continues to provide practice in the four basic language skills. It maintains emphasis on speaking, reading, writing, and listening. The basic study of literature is begun at this level. It continues to present information pertaining to the life and culture of the people portrayed in literature. Spanish is spoken the majority of the time.

COURSE TITLE: SPANISH LANGUAGE - AP **Grades: 10-12**
Length: One Year **Prerequisite: C or better in Spanish 3 H or Teacher Recommendation**

This course reviews and expands course work from the first three years. The emphasis of this course is to prepare for the AP Spanish Language Examination.

COURSE TITLE: SPANISH LITERATURE - AP **Grade: 10-12**
Length: One Year **Prerequisite: Teacher Recommendation**

The emphasis of this course is to prepare for the AP Spanish Literature Examination.

COURSE TITLE: SPANISH 5 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: C or better in Spanish 4**

This course is for advanced students who wish to perfect their usage of the Spanish language. The study of literature and present day culture is emphasized. The course work continues the review of grammatical concepts of the Spanish language and appropriateness of variant usages. Spanish is spoken the majority of the time.

COURSE TITLE: SPANISH LITERACY FOR NATIVE SPEAKERS **Grades: 9-12**
Length: One Year **Prerequisite: Teacher Recommendation Spanish Assessment**

A class for Spanish speakers who can speak and understand Spanish at the basic interpersonal communication level, but cannot read or write Spanish. This class refines pronunciation, expands vocabulary, provides basic phonetic system for Spanish and introduces reading and writing in Spanish. The course introduces the culture of Spanish speaking countries.

COURSE TITLE: SPANISH FOR NATIVE SPEAKERS 2 **Grades: 9-12**
Length: One Year **Prerequisite: Teacher Recommendation Spanish Assessment**

A class for Spanish speaking students who can speak and understand Spanish, and can read and write at the intermediate level of fluency and beginning level of cognitive academic ability. Criteria for placement in this class will be to test at the fourth/fifth grade level or higher on SABE/2 with teacher recommendation. At the end of this class, the teacher will recommend the students for either Spanish 3 or Spanish for Native Speakers 3.

COURSE TITLE: SPANISH FOR NATIVE SPEAKERS 3 **Grades: 10-12**
Length: One Year **Prerequisite: Teacher Recommendation Spanish Assessment**

Spanish for Native Speakers 3 is designed to meet the needs of students who speak Spanish but require additional formal instruction to develop their literacy to an optimum level. This course targets the linguistic needs of native speakers and will enhance their ability to speak and write linguistically, syntactically, and grammatically correct Spanish and give them an opportunity to become familiar with several literary works of Hispanic authors.

COURSE TITLE: JAPANESE 1

Grades: 9-12

Length: One Year

Prerequisite: None

This elective course is designed to develop world language skills and to prepare students for living in a global society. Classroom instruction is designed to develop the ability to communicate in a second language by involving students in communicative based tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn to converse and write (hiragana and katakana) during the first year. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: JAPANESE 2

Grades: 9-12

Length: One Year

Prerequisite: C or better in Japanese 1

This second year elective course is designed to further enhance world language skills and to prepare students for living in a global society. Classroom instruction is designed to increase the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. During the second year, simple kanji characters will be introduced in addition to the daily practice of hiragana and katakana. Students will learn the target language in a contemporary cultural context.

COURSE TITLE: JAPANESE 2 HONORS

Grades: 9-12

Length: One Year

Prerequisite: A, B,, or Teacher Recommendation in Japanese 2

This second year elective course is designed to accelerate world language skills and to prepare students for living in a global society. Classroom instruction is accelerated and designed to increase the ability to communicate in a second language by involving students in a more complex communicative tasks. Classroom instruction will include reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context. This course is conducted primarily in the Japanese language.

COURSE TITLE: JAPANESE 3

Grades: 9-12

Length: One Year

Prerequisite: C or better in Japanese 2

This course reviews and broadens grammatical concepts of the Japanese language through practice of more complex structures and more extensive vocabulary. Students will build on the foundation with new kanji expressions and grammar. Japanese provides further opportunity to practice the four basic language skills. The course increases emphasis on speaking, reading, writing, and listening, and continues to present information pertaining to the life and culture of the people. This course will be conducted primarily in the Japanese language.

COURSE TITLE: JAPANESE 3 HONORS

Grades: 9-12

Length: One Year

Prerequisite: A, B, or Teacher Recommendation in Japanese 2

This is an advanced course which provides an in-depth and intensive study of the Japanese language through practice of more complex structures and more extensive vocabulary. Japanese 3 Honors provides further opportunity to practice the four basic language skills. Japanese 3 Honors increases emphasis on speaking, reading, writing, and listening skills. It continues to present information pertaining to the life and culture of the people. This course is conducted primarily in the Japanese language.

COURSE TITLE: JAPANESE 4
Length: One Year

Grades: 9-12
Prerequisite: C or better in Japanese 3

This course reviews and broadens grammatical concepts of the Japanese language. It continues to provide practice in the four basic language skills. This class continues to present information pertaining to the life and culture of the people. Students will read and write one hundred fifty plus kanji characters in context.

COURSE TITLE: JAPANESE 4 HONORS
Length: One Year

Grades: 10-12
**Prerequisite: C or better in Japanese 3
Honors or Teacher Recommendation**

This course reviews and extends course work from the first three years. The emphasis of this course is to prepare students for the Japanese SAT II or the Japanese Language Proficiency Test.

COURSE TITLE: JAPANESE 4 IB (HL)
Length: One Year

Grade: 12
**Prerequisite: Japanese 4 or Japanese 3
With permission of teacher**

The HL Japanese course is conducted entirely in Japanese and will generally be taken in the fifth and sometimes fourth year of language study. It allows students to explore Japanese in greater depth than the SL course. The course will develop the ability to communicate in on a wide range of topics in speech and writing, to develop the skill of comprehending and responding to Japanese in a variety of settings and to provide a solid foundation in Japanese language and culture to order inspire life-long learning and enjoyment.

COURSE TITLE: JAPANESE 5
Length: One Year

Grades: 9-12
Prerequisite: C or better grade in Japanese 4

This course is for advanced students who wish to perfect their usage of the Japanese language. The study of literature and present day culture is emphasized. The course work continues the review of grammatical concepts of the Japanese language and appropriateness of variant usages, use of Japanese written language (*hiragana, katakana and kanji*). Japanese will be used a majority of the time.

COURSE TITLE: JAPANESE 5 HONORS
Length: One Year

Grades: 9-12
**Prerequisite: C or better grade in
Japanese 4 Honors**

This course is for advanced students who wish to perfect their usage of the Japanese language. The study of literature and present day culture is emphasized. The course work continues the review of grammatical concepts of the Japanese language and appropriateness of variant usages, as well as continued use of Japanese written language (*hiragana, katakana and kanji*). Japanese will be used by both students and teacher, a majority of the time.

COURSE TITLE: AP JAPANESE LANGUAGE AND CULTURE **Grades: 11-12**
Length: One Year **Prerequisite: Japanese 3 with “C” or better**

The AP Japanese language and culture course emphasizes linguistic performance in the four skills of listening, speaking, reading and writing at the intermediate low to mid proficiency level set for the by the ACTFL (American Council of Teachers of Foreign Languages). Students practice the interpersonal, interpretive and presentational modes within the four language skill areas and the class is conducted in Japanese, except for the explanation of complex grammatical and cultural concepts. There is a focus upon technology with the mastery of communication and keyboarding skills via computer.

HEALTH

COURSE TITLE: HEALTH EDUCATION **Grade: 9**
Length: One Semester **Prerequisite: None**

This course of instruction is designed to provide students with the health knowledge and skills that lead to positive healthy attitudes and behaviors. The goal of this curriculum is to develop health literacy in all students. The ninth grade course content will include personal health, consumer/community health, injury prevention and safety, alcohol, tobacco and other drugs, nutrition, environmental health, family living, individual growth and development and communicable and chronic diseases.

HOME ECONOMICS

COURSE TITLE: HOME ECONOMICS SURVEY **Grades: 9-12**
Length: One Year **Prerequisite: None**

This course introduces areas found in the homemaking curriculum such as foods and nutrition, personal development, family relations, child care, grooming, clothing and textiles, and interior design. The skills, knowledge, and attitudes taught in this year-long course encourages awareness of the skills useful in the student’s home life and assist them in future decision making.

COURSE TITLE: FOODS **Grades: 9-12**
Length: One Year **Prerequisite: None**

This course emphasizes preparation of nutritionally balanced meals and food combinations to promote good health and well-being. It includes basic principals of food preparation, consumer education, selection and care of food, cleanliness, and the safe use and care of equipment.

COURSE TITLE: ADVANCED FOODS

Length: One Year

Grades: 10-12

**Prerequisite: Foods or Chef or
Instructor's Approval**

This course provides the advanced student with the opportunity to become proficient in areas of nutritional meal planning and consumer buying and to excel in social entertaining, preparation of meals from foreign countries, and acquisition of gourmet and specialty techniques. It includes information on world food problems, experimental foods, current research and concerns in foods and food production.

COURSE TITLE: CHEF

Length: One Semester

Grades: 11-12

Prerequisite: None

This course provides students experience in simple meal preparation, meal planning and nutrition, consumer buying, preparing gourmet food, and foods for entertaining during social functions.

COURSE TITLE: CLOTHING

Length: One Year

Grades: 9-12

Prerequisite: None

This course provides clothing construction techniques for a variety of fabrics. It provides experience in wardrobe planning, textiles, and consumer techniques for buying fabrics.

COURSE TITLE: ADVANCED CLOTHING AND TAILORING

Length: One Year

Grades: 10-12

**Prerequisite: Clothing or
Instructor's Approval**

This course develops the skills of tailoring, pattern alteration, and utilization of individualized design. These skills are developed through construction of a coat and suit. This course may be repeated for credit.

COURSE TITLE: CREATIVE NEEDLECRAFTS

Length: One Semester

Grades: 9-12

Prerequisite: None

This course provides a study of the principles of art and design as applied to various handcrafts, creative trim, embroidery and needlework, and similar creative forms. The student has the opportunity to create products in several needlecraft media.

COURSE TITLE: CHILD CARE

Length: One Semester

Grades: 11-12

**(10th grade with Instructor's approval)
Prerequisite: None**

This course provides instruction in the values of physical and emotional preparation in the care of children, child safety, child care techniques, games, feeding, bathing and basics for preschool aide. It investigates job possibilities related to the field.

COURSE TITLE: CHILD CARE AND DEVELOPMENT **Grades: 11-12**
Length: One Semester **Prerequisite: None**
(10th grade with Instructor's Approval)

This course provides instruction on the importance of prenatal care, family planning, and the uniqueness of families and individuals. It includes study of the development and socialization of the individual and his/her needs and interest. The course explores careers in this discipline.

COURSE TITLE: INTERIOR DESIGN **Grades: 10-12**
Length: One Semester **Prerequisite: None**

This course emphasizes developing skills, knowledge, and attitudes essential to selecting housing and creating living environments. The student will understand the conservation of resources, neighborhood and community improvements, special housing needs, space needs, selection of housing, home furnishings and equipment, and achievement of desirable living environments.

COURSE TITLE: ADVANCED INTERIOR DESIGN **Grades: 10-12**
Length: One Semester **Prerequisite: Interior Design**

This course presents an in-depth study of the concepts presented in Interior Design. Additionally, it emphasizes budgeting for a home, home energy conservation, creative floor plan design, historic furnishing and global housing choices, fabric selection and care, functional kitchen, bathroom and storage, personalizing color schemes, selection and creation of accessories, floor and wall coverings, exterior design and elementary landscaping principles. This course investigates careers and job opportunity in interior design.

COURSE TITLE: CONTEMPORARY LIVING **Grades: 11-12**
Length: One Semester **Prerequisite: None**

This course prepares the student for the occupation of homemaker, orients the individual to the function and value of families and addresses the types of personal relationships needed to meet the challenges of adulthood. The skills, knowledge, and attitudes taught in this course will enable students to understand goals and decision making, management of conflicts and crises, changing roles and responsibilities, communication skills, impact of life events, use of community resources, establishment and maintenance of relationships, and needs and contributions of exceptional family members. Emphasis is placed on the uniqueness of families and individuals; the development and socialization of individuals; preparation for marriage, parenthood, and family life; and the needs and interests of individuals and family members.

COURSE TITLE: HOME ECONOMICS RESEARCH **Grade: 12**
Length: One Semester **Prerequisite: Instructor's Approval**

This course provides the student with independent Home Economics project problems and the opportunity to fulfill them on an individual contract basis. It provides in-depth study of subjects of personal and vocational interest to the student.

INDUSTRY/TECHNOLOGY

COURSE TITLE: POWER & ENERGY TECHNOLOGY: CONSUMER AUTOMOTIVE **Grades: 10-12**

Length: One Semester **Prerequisite: None**

This course introduces fundamental skills and knowledge of the automobile of interest to consumers. Today's high technology, coupled with the high cost of owning and maintaining an automobile, dictate the importance of students knowing the basic operation, repair and maintenance features of today's automobile. The course focuses on safety, engine systems power train, preventive maintenance, emergency troubleshooting, buying of automotive products and services, and the purchase of a new or used car. This class will help students make car repairs and become informed, proactive consumers when utilizing the services of dealers and independent service garages. Twenty (20) credits of Industry and Technology may be applied to meet ten (10) credits of math requirements for graduation.

COURSE TITLE: POWER & ENERGY TECHNOLOGY: AUTOMOTIVE **Grades: 10-12**

Length: One Year **Prerequisite: None**

This course introduces fundamental skills and knowledge in automotive operation, service and repair. It encompasses safety, tools, engine systems (components, measurements, lubrication cooking, fuel, ignition and electrical), chassis (suspension, brakes, tires, angles and alignments), power train (transmission, gear ratios, drive line and differential), and electrical theory and systems, instruction in technical knowledge, academic core skills, practical skills, diagnostic skills, processes and techniques. It also provides occupational information. Twenty (20) credits of Industry and Technology may be applied to meet ten (10) credits of math requirements for graduation.

COURSE TITLE: POWER & ENERGY TECHNOLOGY: ADVANCED AUTOMOTIVE **Grades: 11-12**

Length: One Year **Prerequisite: Automotive**

This course introduces new automotive skills and knowledge, re-emphasizes and expands all previously learned skills and knowledge, and provides for continued study and more advanced application of the instructional units in automotive technology. It provides instruction in safety, tool usage, shop maintenance, automotive math and terminology, advance automotive technology, and diagnostic methods. In this classroom, demonstrations and shop work will be utilized. Emphasis is given to instruction in technical knowledge, practical skills processes, and techniques while providing occupational information necessary to prepare the pupil for employment of further training. Twenty (20) credits of Industry and Technology may be applied to meet ten (10) credits of math requirements for graduation.

COURSE TITLE: POWER & ENERGY TECHNOLOGY: I/O AUTOMOTIVE **Grades: 11-12**

Length: One Year **Prerequisite: One Year of Auto**

This is a one or two period per day course designed to give the student additional shop time in order to build automotive proficiency to a job entry level. The emphasis is to work independently on automotive tasks assigned. The class format is modeled after a dealership service facility. The student manages the work order, cost, diagnosis, and repairs while observing all safety rules and Bureau of Automotive Repair regulations. Twenty (20) credits of Industry and Technology may be applied to meet ten (10) credits of math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS DRAFTING: MECHANICAL DRAWING A **Grades: 9-12**

Length: One Semester **Prerequisite: None**

This course introduces fundamental skills and knowledge of drafting. It emphasizes plan drawing, using the measuring scale to read common decimal and metric measurements. Care and use of drafting tools; correct layout selection for single view, multiview, and pictorial drawings; correct lettering techniques; use of basic math functions as well as reading, spelling, organization, and vocabulary words related to the drafting industry will be covered in this course. Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS DRAFTING: MECHANICAL DRAWING B **Grades: 9-12**

Length: One Semester **Prerequisite: Mechanical Drawing A**

This course expands fundamental skills and knowledge of drafting. It emphasizes plan drawing, using the measuring scale to read common, decimal, and metric measurements. Care and use of drafting tools; correct layout selection for single view, multiview, and pictorial drawings; correct lettering techniques; and use of basic math functions as well as reading, spelling, organization and vocabulary words related to the drafting industry will be covered in this course. Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS DRAFTING: ARCHITECTURAL DRAWING **Grades: 10-12**

Length: One Year **Prerequisite: Mech. Drawing A**

This course reviews basic drafting skills and introduces drafting techniques in the area of designing and drawing residential homes and small commercial buildings. This course also includes advanced planning and layout of drawings from sketches and assignment sheets, use of more advanced tools, drawing reproduction (blueprints), and an introduction to and limited instruction in CAD (computer aided drafting). Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math requirements.

COURSE TITLE: VISUAL COMMUNICATION DRAFTING: Grades: 10-12
ENGINEERING DRAWING

Length: One Year Prerequisite: Mech. Drawing A

This course reviews basic drafting skills and introduces new skills in advanced mechanical drawing and engineering drawing which include descriptive geometry, sheet metal layout, technical illustration, screw threads, advanced planning and layout of drawings from sketches and assignment sheets, use of more advanced tools, drawing reproduction (blueprints), and an introduction to and limited instruction in CAD (computer aided drafting). Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS DRAFTING: Grades: 10-12
ADVANCED DESIGN

Length: One Year Prerequisite: Mech Drawing A

This course reviews basic drafting skills and introduces advanced drafting skills in engineering drawing and architectural drawing. The architectural portion of this course includes designing and drawing residential homes and small commercial buildings. The engineering portion includes descriptive geometry, sheet metal layout, technical illustration, and screw threads. Advanced Design also includes advanced planning and layout of drawings from sketches and assignment sheets, use of more advanced tools, and drawing reproduction (blueprints), and an introduction to and limited instruction in CAD (computer aided drafting). Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math required for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS DRAFTING: Grades: 11-12
I/O DRAWING TECHNOLOGY

Length: One Year (2 hours) Prerequisite: 1 Year Drawing

This course reviews basic drafting skills and introduces advanced drafting skills in engineering drawing and architectural drawing. The architectural portion of this course includes designing and drawing residential homes and small commercial buildings. The engineering portion includes descriptive geometry, sheet metal layout, technical illustration, and screw threads. I/O Drawing Technology also includes advanced planning and layout of drawings from sketches and assignment sheets, use of more advanced tools, and drawing reproduction (blueprints), and an introduction to and limited instruction in CAD (computer aided drafting). Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS: GRAPHIC ARTS A Grades: 9-12
Length: One Semester Prerequisite: None

This course introduces various visual communication techniques and methods. The class introduces printing including electronic image generation, mechanical image generation, offset lithography, screen process, electrostatic image reproduction, and black and white photography. Students will explore many different methods of layout and design and the nature and composition of the materials used in the printing trade. The student will have an opportunity to become a more knowledgeable consumer and will be introduced to the varied careers in the printing world. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS: ADVANCED GRAPHIC ARTS **Grades: 10-12**
Length: One Year **Prerequisite: Graphic Arts A**

This course explores a more specialized and concentrated study of visual communication techniques and methods. The class consists of a progressive approach to specialized skill development through live production and in-house printing. This includes electronic image generation, mechanical image generation, offset lithography, screen process, electrostatic image reproduction and black and white photography. The student will focus on an area of specialization including the nature and composition of trade materials. Students will gain specific knowledge and related information about the varied careers in the printing world. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: VISUAL COMMUNICATIONS: I/O GRAPHIC ARTS **Grades: 11-12**
Length: One Year (2 hours) **Prerequisite: Graphics Arts A**

This course provides instruction in the techniques of halftone photography, duo-tone production, various methods of proofing, offset press operations of single color and multi-color, and photo screen operations of single color and multi-color. This course is designed to provide entry-level skill development. The class format is an in-house printing plant. Students will have total control of the estimation, planning, design, production, supply ordering, and bindery operations. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: MANUFACTURING TECHNOLOGY: METALS A **Grades: 9-12**
Length: One Semester **Prerequisite: None**

This course introduces students to proper safe work habits used in industry and at home. It introduces students to the Manufacturing Technology areas of machining, casting, forging, arc welding, gas welding, bench iron and sheet metal. Emphasis is placed on teaching projects. Design planning along with occupational information is provided. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: MANUFACTURING TECHNOLOGY: METALS B **Grades: 9-12**
Length: One Semester **Prerequisite: Metals A**

This course is designed to expand students' knowledge and skill level toward safe work habits used in industry and at home. Students will sharpen their skills in the areas of machining, casting, forging, arc welding, gas welding, bench iron and sheet metal. Emphasis is placed on finishing projects. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: MANUFACTURING TECHNOLOGY: ADVANCED METALS **Grades: 10-12**
Length: One Year **Prerequisite: Metals A**

This course introduces new skills and knowledge as well as re-emphasizing and expanding on previously learned skills and knowledge. Students will continue to study more advanced applications of instructional units in Manufacturing Technology. Emphasis is placed on design, workmanship, and timely completion in order to prepare the student for employment and/or further occupational training. Computer Aided Machining is introduced in the later stages of this course. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: MANUFACTURING TECHNOLOGY: I/O METALS **Grades: 11-12**
Length: One Year (2 hours/day) **Prerequisite: 1 year Metals**

This course provides increasingly complex technical activities and study of specialized problems based on individual interests and abilities. It continues to offer activities in the various areas of light metal working and occupational training. This course is designed to provide job entry level skills. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: BITA I **Grades: 9-12**
Length: One Year **Prerequisite: None**

A Record of Competency for the Building Industry Technology Academy (BITA) indicates successful completion of a performance test and comprehensive understanding of the application including the following competencies: General Safety, Measurement, Shop Project 1, Machine Tool Safety, Shop Project 2, Carpentry Tools, Materials, and Fasteners, Residential Framing Scale Model Project and Light Gauge Structural Steel/Drywall Project.

COURSE TITLE: BITA II **Grades: 10-12**
Length: One Year **Prerequisite: Completion of BITA I**

A Record of Competency for the Building Industry Technology Academy (BITA) indicates successful completion of a performance test and comprehensive understanding of the application including the following competencies: General Safety, Measurement, Light Gauge Structural Steel Framing, Company Organization and Operation, Blueprint Reading, Electrical, Surveying and Site Preparation, Masonry, Sheet metal/HVAC, Plumbing, Drywall, Concrete, Painting and Tile.

COURSE TITLE: BITA III **Grades: 11-12**
Length: One Year **Prerequisite: Completion of BITA II**

A Record of Competency for the Building Industry Technology Academy (BITA) indicates successful completion of a performance test and comprehensive understanding of the application including the following competencies: Safety, Measurement, Design and Build Project, Site Preparation, Concrete and Masonry, Residential Framing and Roofing.

COURSE TITLE: BITA IV
Length: One Year

Grades: 12
Prerequisite: Completion of BITA III

A Record of Competency for the Building Industry Technology Academy (BITA) indicates successful completion of a performance test and comprehensive understanding of the application including the following competencies: Safety, Measurement, Design and Build Project, Electrical, Welding, Plumbing, Drywall, Finish Carpentry and Stair Construction.

COURSE TITLE: CONSTRUCTION TECHNOLOGY – WOODS A
Length: One Semester

Grades: 9-12
Prerequisite: None

Working in wood provides instruction in the correct and safe use of both hand tools and power equipment. Power tools used will include band saw, disc sander, router, planer, circular saw, wood lathe, and all accompanying power hand tools. Basic wood joints are identified and constructed in most projects. Proper fasteners are emphasized in construction, followed by assembly techniques and finishing. Common woods are identified and their various uses studied. Also includes related technical knowledge, and general information. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: CONSTRUCTION TECHNOLOGY – WOODS B
Length: One Semester

Grades: 9-12
Prerequisite: Woods A

This course expands on Woods A. Working in wood provides instruction in the correct and safe use of both hand tools and power equipment. Power tools used will include band saw, disc sander, router, planer, circular saw, wood lathe, and all accompanying power hand tools. Basic wood joints are identified and constructed in most projects. Proper fasteners are emphasized in construction, followed by assembly techniques and finishing. Common woods are identified and their various uses are studied. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

**COURSE TITLE: CONSTRUCTION TECHNOLOGY
ADVANCED WOODS**

Grades: 10-12

Length: One Year

**Prerequisite: “C” or better in Woods
or Instructor’s Approval**

This course introduces specialized skills and knowledge in construction technology. Emphasis is placed on special fixtures and jigs that can be used on the various machine tools. Cabinet and furniture making are emphasized. Inlaying, laminating, material identification, turning, finishing, and framing are areas of focus. Major emphasis is given to instruction in technical knowledge, practical skills, processes and techniques. Occupational information is also covered in the course. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: CONSTRUCTION TECHNOLOGY **Grades: 11-12**

I/O WOODS

Length: One Year (2 hrs./day)

Prerequisite: One year of Woods

This course provides increasingly complex technical activities and the study of problems and projects based on individual interests and abilities. It continues to offer activities in the woodworking and building trades skills. This course includes the study of occupational information and is designed to teach job entry skills. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: PRACTICAL SKILLS FOR HOME LIVING

Grades: 9-12

Length: One Semester

Prerequisite: None

This course provides the student with practical skills necessary to do simple repairs in the home and automobile. The student will be introduced to the areas of wood, auto, electricity, plumbing, and illustration. All work is performed with ordinary hand tools found in the home. Twenty (20) credits of Industry and Technology course work may be applied to meet ten (10) credits of the math requirements for graduation. Twenty (20) credits of Industry and Technical Education course work may be applied to meet ten (10) credits of the math requirements for graduation.

COURSE TITLE: PRE-ENG TECH A (TECH CORE)

Grades: 9-10

Length: One Semester

Prerequisite: Chair's approval consistent with student's career pathway

This course is designed to ensure that high school students learn about the technology that affects their lives. Students learn mathematics, science, communication skills, history, and social science concepts through an activity-oriented approach. They learn to communicate effectively, solve problems, and present oral and written reports. This integrated linkage of technical and academic skills prepares high school students for enrollment in advanced academic, vocational, and technical courses at all educational levels.

COURSE TITLE: PRE-ENG TECH B (TECH CORE)

Grades: 9-10

Length: One Semester

Prerequisite: Grades 11-12 with department chairs approval consistent with student's career pathway

This course is designed to ensure that high school students learn about the technology that affects their lives. Students continue to learn mathematics, science, communication skills, history, and social science concepts through an activity-oriented approach. They will also continue to learn to communicate effectively, solve problems, and present oral and written reports. This integrated linkage of technical and academic skills prepares high school students for enrollment in advanced academic, vocational, and technical courses at all educational levels.

COURSE TITLE: ADVANCED PRE-ENGINEERING **Grades: 10-12**
Length: One Semester **Prerequisite:** Completion of Pre-Engineering A & B
or with instructor's approval. May be repeated with the
approval of the instructor and department chairperson

This course is designed to build on the skills acquired in Pre-Engineering A and B. Students will specialize in (3) of the technology labs available with an enhanced 30 hour curriculum, thus totaling 40 hours of instruction in a selected technology. Students learn to apply mathematics, science, communication skills, history, and social science concepts through an activity-oriented approach. They learn to communicate effectively, become independent thinkers and problem solvers. This integrated linkage of technical and academic skills prepares high school students for enrollment in advanced academic, vocational, and technical courses at all educational levels, as well as providing entry level work force skills.

COURSE TITLE: INTRO TO COMPUTER ASSISTED DRAFTING **Grades: 10-12**
Length: One Year **Requirement:** "C" or better in Computer
Technology A and B

This course teaches basic drafting skills and their application on the computer with emphasis in engineering and architectural drawings. The architectural portion of the course includes designing and drawing residential homes. The engineering portion of the course includes descriptive geometry, technical illustration, assembly drawings, and cross-sections. Introduction also includes research into CAD (Computer Assisted Drafting) careers, and a broad incorporation of the design process. The emphasis in the introduction course is to familiarize the students with the CAD interface and drawing 2-dimensional drawings that are technically correct.

COURSE TITLE: INTERMEDIATE COMPUTER **Grades: 11-12**
ASSISTED DRAFTING
Length: One Year **Prerequisite:** Computer Assisted Drafting I
or Teacher Recommendation

This course teaches intermediate drafting skills and their application on the computer with emphasis in architectural drawings and some engineering drawings. This course includes designing and drawing small commercial and residential buildings in 2 dimensional and 3 dimensional views. This will also give each student exposure to unique real-world disciplines. The emphasis in the intermediate course is to become more technically proficient with the interface using the command line entry method, draw descriptive 1, 2, and 3 dimensional drawings that are technically correct, more advanced CAD interfaces and plotting (a.k.a. printing) to scale.

COURSE TITLE: ADVANCED COMPUTER ASSISTED DRAFTING **Grade: 12**
Length: One Year **Prerequisite:** Computer Assisted Drafting I & II
or Teacher Recommendation

This course teaches advanced drafting skills and their application on the computer with emphasis in engineering drawings, architectural drawings, and real world group projects. Additionally, 4 "mini-units" using "Inventor Series", "VIZ", "Mechanical Desktop" and "Intermediate AutoCAD" will give each student exposure to unique, professional disciplines. The emphasis in the advanced course is to become more technically proficient with the interface using keyboard shortcuts, toolbars, and the command line entry method. Also, being able to draw descriptive 1-, 2-, and 3-dimensional drawings that are technically correct, advanced CAD interfaces, plotting to scale, and manufacturing requirements.

COURSE TITLE: ROBOTICS **Grade: 10-12**
Length: One Year **Prerequisite: Completion of one computer based course and “B” or better in Geometry or teacher recommendation**

The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on micro controllers, autonomous mobile robots and real world applications. Information presented in class will be linked to lab experiments. Students will work in teams to build and test increasingly more complex LEGO-based mobile robots. Students will apply what they have learned through a series of robot contests.

COURSE TITLE: ADVANCED ROBOTICS **Grade: 10-12**
Length: One Year **Prerequisite: Completion of one computer based course and “B” or better in Geometry or teacher recommendation**

The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on micro-controllers, autonomous mobile robots and real world applications. Information presented in class will be linking to lab experiments. Students will work in teams to build and test increasingly more complex LEGO-based mobile robots. Students will apply what they have learned through a series of robot contests. Students will explore materials in greater depth than Robotics 1.

LANGUAGE ARTS

COURSE TITLE: LANGUAGE ARTS 1 **Grade: 9**
Length: One Year **Prerequisite: None**

This is a required course, which provides an in-depth study of language skills, sentence development, paragraph development and essay writing. It includes instruction in listening, speaking, writing, and reading skills, as prescribed. Experiences in literature are provided in the genres of short story, mythology, epic, drama, poetry and the novel.

COURSE TITLE: LANGUAGE ARTS 1 – HONORS **Grade: 9**
Length: One Year **Prerequisite: Honors Placement Criteria**

This honors course provides an in-depth study of language skills, sentence development, paragraph development and essay writing. It includes instruction in listening, speaking, reading and writing skills, as prescribed. Experiences in literature are provided in the genres of short story, mythology, epic, drama, poetry and the novel. The core works are introduced and explored in-depth. This course meets the requirements for Language Arts 1.

COURSE TITLE: LANGUAGE ARTS 1 – FUNDAMENTAL **Grade: 9**
Length: One Year **Prerequisite: Counselor’s Recommendation**

This course introduces and reinforces the study of language skills, sentence development, letter writing and paragraph development. It includes instruction in listening, speaking, writing and reading skills, as prescribed. Experiences in literature are provided in the genres of short story, mythology, epic, drama, poetry and the novel. The core works are introduced and their themes are explored. The pace of this class is modified to suit the needs of the learner. This course meets the requirements for Language Arts 1.

COURSE TITLE: LANGUAGE ARTS 2

Grade: 10

Length: One Year

Prerequisite: Language Arts 1

This is a required course which provides an in-depth study of language skills, sentence development, paragraph development, research writing and essay writing. It includes instruction in listening, speaking, writing and reading skills as prescribed. Experiences in literature are provided in the genres of short story, novel, non-fiction, poetry, drama and legends.

COURSE TITLE: LANGUAGE ARTS 2-HONORS

Grade: 10

Length: One Year

Prerequisite: Honors Placement Criteria

This honors course provides an in-depth study of language skills, sentence development, paragraph development, essay writing and literary research writing. It includes instruction in listening, speaking, writing and reading skills, as prescribed. Experiences in literature are provided in the genres of short story, novel, poetry, non-fiction, drama and legend. This course meets the requirements for Language Arts 2.

COURSE TITLE: LANGUAGE ARTS 2-FUNDAMENTAL

Grade: 10

Length: One Year

Prerequisite: Counselor's Recommendation

This basic course provides a detailed study and reinforcement of language skills, sentence development, paragraph development, research writing and essay writing. It includes instruction in listening, speaking, writing and reading skills as prescribed. Experiences in literature are provided in the genres of short story, novel, non-fiction, poetry, drama and legends. The district core works are introduced and their themes explored. The pace of this class is modified to suit the needs of the learner. This course meets the requirements for Language Arts 2.

COURSE TITLE: LANGUAGE ARTS 3

Grade: 11

Length: One Year

Prerequisite: Language Arts 2

This is a required course which provides an in-depth study of language skills, sentence development, paragraph development, research writing and essay writing. It includes instruction in listening, speaking, writing and reading skills as prescribed. Experiences in literature are provided in American Literature from the genres of short story, novel, modern drama and poetry.

COURSE TITLE: LANGUAGE ARTS 3 – HONORS

Grade: 11

Length: One Year

Prerequisite: Honors Placement Criteria

This advanced course provides an in-depth and intensive study of language skills, sentence development, paragraph development and essay writing. It includes instruction in listening, speaking, writing, and reading skills as prescribed. Experiences in literature are provided in American literature from the genres of short story, novel, modern drama and poetry. This course meets the requirements for Language Arts 3.

COURSE TITLE: ENGLISH LANGUAGE AND COMPOSITION AP **Grade: 11**
Length: One Year **Prerequisite: Honors or AP Placement Criteria**

This is a required one year course which provides a detailed, in-depth study of language skills: reading, reading comprehension, literary response and analysis, writing strategies and applications, English language conventions for written and oral language, and listening and speaking skills and applications. A variety of texts will be utilized to accomplish this including supplementary novels from the District Core and Extended Works reading list for eleventh grade. In order to fulfill Advanced Placement criteria, this course is taught as an entry-level college course, and students in AP classes will participate in a more rigorous study of language representing various times and cultures. Through this course, students will enhance their skills as discerning readers and critical thinkers and writers. Upon completion of this course, students will be prepared to take the AP exam in English Language and Composition.

COURSE TITLE: LANGUAGE ARTS 3-FUNDAMENTAL **Grade: 11**
Length: One Year **Prerequisite: Counselor's Recommendation**

This basic course provides a detailed study and reinforcement of language skills, sentence development, paragraph development, research writing and essay writing. It includes instruction in listening, speaking, reading and writing skills as prescribed. Experiences are provided in American literature from the genres of short story, novel, modern drama and poetry. The core works are introduced and their themes explored. The pace of this class is modified to meet the needs of the learner. This course meets the requirements for Language Arts 3.

COURSE TITLE: LANGUAGE ARTS 4 **Grade: 12**
Length: One Year **Prerequisite: Language Arts 3**

This course provides a detailed study and reinforcement of language skills, sentence development, paragraph development and essay writing. It includes instruction in listening, speaking, reading and writing skills as prescribed. Experiences are provided in the genres of short story, the novel, drama and poetry. The core and extended works are introduced and their themes explored.

COURSE TITLE: ENGLISH LITERATURE & COMPOSITION AP/IB **Grade: 12**
Length: One Year **Prerequisite: Honors/AP Placement Criteria**

This is a required one year course which provides a detailed, in-depth study of language skills: reading, reading comprehension, literary response and analysis, writing strategies and applications, English language conventions for written and oral language, and listening and speaking skills and applications. A variety of texts will be utilized to accomplish this including supplementary novels from the District Core and Extended Words reading list for twelfth grade. In order to fulfill Advanced Placement criteria, this course is taught as an entry-level college course, and students in AP classes will participate in a more rigorous study of literature representing various times and cultures. Through this course, students will enhance their skills as discerning readers and critical thinkers and writers. Upon completion of this course, students will be prepared to take the AP exam in English Literature and Composition.

COURSE TITLE: LANGUAGE ARTS 4 FUNDAMENTAL **Grade: 12**
Length: One Year **Prerequisite: Language Arts 3**

This course provides a detailed study and reinforcement of language skills, sentence development, paragraph development, and essay writing. It includes instruction in listening, speaking, reading and writing skills as prescribed. Experiences are provided in the genres of short story, the novel, drama, and poetry. The core and extended works are introduced and their themes explored. The pace of this class is modified to meet the needs of the learner.

COURSE TITLE: BRITISH LITERATURE **Grade: 12**
Length: One Year **Prerequisite: Language Arts 3**

This course provides an in-depth study of language skills, literature, sentence development, paragraph development and essay writing. It includes instruction in listening, speaking, writing and reading skills, as prescribed. Experiences in literature are provided in the genres of short story, novel, poetry and drama. This is a survey of British literature emphasizing important writers and writings of the Anglo-Saxon Period, the Medieval Period, the Elizabethan Age, the Seventeenth Century, the Age of Reason, the Victorian Period and the Modern Era. Literature is studied as it relates to the history of ideas.

COURSE TITLE: MODERN LITERATURE **Grade: 12**
Length: One Semester **Prerequisite: Language Arts 3**

This is a one semester, college preparation, senior course that overviews 20th century literary works and their creators. Learning experiences focus upon all genres of literature including the feature film as a literary expression. In addition, instruction emphasizes basic skill reinforcement as well as exercises in speaking and listening in small and large group settings

COURSE TITLE: CREATIVE WRITING **Grade: 12**
Length: One Semester **Prerequisite: Language Arts 3**

This course provides an overview of fiction and nonfiction writing in the areas of essays, short stories, poetry and drama. It includes instruction in listening, speaking, writing, and reading skills. Literature is the springboard for the writing experiences in the class and for the study of stylistic techniques of published authors.

COURSE TITLE: CRITICAL READING 1 **Grades: 9-12**
Length: Semester/Year **Prerequisite: Teacher or Counselor Recommendation**

This is an elective course designed for students reading below the 5th grade level. This course emphasizes the development of skills in practical reading, vocabulary and comprehension. Attention is given to motivating an interest in reading through exposure to attractive and interesting materials of all types. It may be repeated for credit by those students who do not meet minimum proficiency or as recommended by the teacher.

COURSE TITLE: CRITICAL READING 2
Length: Semester/Year

Grades: 9-12
**Prerequisite: Teacher or
Counselor Recommendation**

This is an elective course designed for students reading between the 5th and 8th grade level. The course emphasizes the development of skills in practical reading, vocabulary and comprehension. Attention is given to motivating an interest in reading through exposure to attractive and interesting materials of all types. It may be repeated for credit by those students who do not meet minimum proficiency or as recommended by teacher.

COURSE TITLE: CRITICAL READING 3
Length: One Semester

Grades: 10-12
Prerequisite: Language Arts

This elective course is designed for the student who has attained an independent reading level of nine or above. It emphasizes critical reading, power reading, advanced vocabulary, comprehension, and reading rate. It provides a multi-modality approach to reading instruction with emphasis placed on perceptual accuracy and visual efficiency.

COURSE TITLE: ORAL COMMUNICATIONS
Length: One Year

Grades: 9-12
Prerequisite: None

This course helps students gain insight into the nature of their own speaking and listening habits. The student will develop effective oral delivery, body control, voice, diction, and ease. It continues to emphasize research, audience maturation, analysis of speeches, and effective delivery. This course provides detailed analysis of the basic areas of speech making. Each student has the opportunity to present speeches exploring the many areas of communication.

COURSE TITLE: DEBATE/FORENSICS
Length: One Year

Grades: 10-12
Prerequisite: Instructor's Approval

This course serves as a workshop for Lincoln-Douglas Debate, Oxford Debate, Legislative Debate, and other aspects of speaking. This course is designed to meet the needs of students who have an active interest in speech improvement and who desire inter-scholastic competition. This course may be repeated for credit.

COURSE TITLE: JOURNALISM
Length: One Year

Grades: 9-12
Prerequisite: None

This course provides an in-depth study of journalism techniques designed to teach students specific skills needed in writing for publication. Correct grammatical usage, vocabulary building, punctuation, capitalization and proper journalism style are stressed. Experiences in writing leads, news, features (informative, first person, brights, personality sketch, reviews), editorials (explanatory, commendatory, critical), sports (pre-game, play-by-play, post-game), yearbook design, communication law and mass media history are provided.

COURSE TITLE: PUBLICATIONS/NEWSPAPER **Grades: 10-12**
Length: One Year **Prerequisite: Journalism Instructor Approval**

This course provides an in-depth, hands-on study of journalism techniques, editing skills and publishing experiences. Correct grammatical usage, vocabulary building, punctuation, capitalization and proper journalism style are stressed. Experiences in writing leads, news, features (informative, first person, brights, personality sketch, reviews), editorials (explanatory, commendatory, critical), newspaper design, headline writing, photo cropping, caption writing, ad sales and issue planning will be provided. Students are held accountable for reading selected literature and the analysis of that literature. This course may be repeated for credit.

COURSE TITLE: ELD Language Beginning **Grades: 9-12**
Length: Semester/Year **Prerequisite: Level A English Reading Level 0-1.0**

This initial ELD course provides students who have little or no previous background in English with the receptive and expressive language skills necessary to meet their immediate communication needs. This course builds a beginning foundation of early English language proficiency in the areas of listening, speaking, reading and writing through an integrated literature. Students acquire an understanding of the similarities and differences between the ethics, values, customs, beliefs of the native language setting of their home and country of birth with the new second language country and school environment. It may be repeated for credit by those students who do not meet minimum proficiency or as recommended by the teacher.

COURSE TITLE: ELD Language Early Intermediate **Grades: 9-12**
Length: Semester/Year **Prerequisite: ELD 1A or IPT Level B;**
English Reading Level 1.5-2.0

This beginning level ELD course provides students who have some background in English with the listening and expressive language skills necessary to meet their basic communication and social adjustment needs. This course continues to build a foundation of early English language proficiency including listening, speaking, reading, and writing through an integrated-literature and a social science based curriculum. Students acquire an understanding of the similarities and differences between the ethics, values, customs, and beliefs of the native language setting of their home and country of birth, with the new second language country and school environment.

COURSE TITLE: ELD Language Intermediate **Grades: 9-12**
Length: Semester/Year **Prerequisite: ELD 1B or IPT Level C-D;**
English Reading Level 2.0-4.0

This ELD course provides intermediate level students with the basic language skills necessary to meet their social and academic communication needs. This course continues to build upon the foundation of English language proficiency including listening, speaking, reading, and writing through a literature and social science-based curriculum. Students acquire an understanding of the similarities and differences between the ethics, values, customs and beliefs of the native language setting of their home and country of birth, with the new second-language country and school environment.

COURSE TITLE: ELD Language Early Advanced

Grades: 9-12

Length: Semester/Year

**Prerequisite: ELD II or IPT Levels E-F
4.0-8.0 G.E. Reading**

This course provides advanced ELD students a curriculum of listening, speaking, reading, and writing to achieve a level of proficiency necessary for transition into the mainstream English language arts program. The course promotes and refines the students' English language fluency through an in-depth study of literature. Experiences in literature are provided in the genres of short story, mythology, drama, poetry and the novel. Students acquire an understanding of the similarities and differences between the ethics, values, customs, and beliefs of the native language setting of their home and country of birth with the new second language country and school environment. This course may be repeated for credit.

COURSE TITLE: ELD Reading Beginning

Grades: 9-12

Length: Semester/Year

**Prerequisite: IPT Level A
English Reading Level 0-2.0**

This initial ELD reading course provides students who have little or no previous background in English reading with the receptive and expressive literacy skills to meet their immediate communication needs. This course emphasizes the development of vocabulary, and students acquire an understanding or writing through a social science-based curriculum. Students acquire an understanding of ethics, values, customs and beliefs of their native language culture as compared to those of the new second language country through the study of social science and literature. This course may be repeated for credit by those students who do not meet minimum proficiency or as recommended by the teacher.

COURSE TITLE: ELD Reading Early Intermediate

Grades: 9-12

Length: Semester/Year

**Prerequisite: IPT Level B
English Reading Level 2.0-3.0**

The ELD course provides students who have some background in English with the receptive and expressive literacy skills to meet their immediate communication needs. This course emphasizes the continued development of early English language proficiency in the areas of reading comprehension, vocabulary development and writing through a social science-based curriculum. Students acquire an understanding of the ethics, values, customs and beliefs of their native language culture as compared to those of the new second language country through the study of social science and literature. This course may be repeated for credit by those students who do not meet the minimum proficiency or as recommended by the teacher.

COURSE TITLE: ELD Reading Intermediate

Grades: 9-12

Length: Semester/Year

**Prerequisite: IPT Level C
English Reading Level 3.0-4.5**

This intermediate level ELD course provides students who have some background in English with the receptive and expressive literacy skills to meet their immediate communication needs. This course emphasizes the continued development and writing through a social science-based curriculum. Students acquire an understanding of the ethics, values, customs and beliefs of their native language culture as compared to those of the new second language country through the study of social science and literature. This course may be repeated for credit by those students who do not meet the minimum proficiency or as recommended by the teacher.

COURSE TITLE: CAHSEE LANGUAGE ARTS

Grades: 11-12

Length: One Semester

Prerequisite: A non-passing score on the Language Arts portion of the CAHSEE

This is an elective course designed to specifically re-teach the language arts content standards covered in the California High School Exit Examination. The course will provide reinforcement of language conventions, vocabulary development, reading, comprehension, review and analysis of literature with writing applications. Students will have access to the Internet, school computers, and school library. May be repeated for credit.

MATH

COURSE TITLE: GENERAL MATHEMATICS

Grades: 9-12

Length: One Year

Prerequisite: Placement Recommendation

This course emphasizes the practical application of arithmetic skills and processes to the everyday life of the citizen-consumer. It reviews the rational operations of whole numbers, fractions, and decimals, ratio, proportion, probability, and percent through practical application.

COURSE TITLE: PRE-ALGEBRA

Grades: 9-12

Length: One Year

Prerequisite: Placement Recommendation

This course prepares students for Algebra I. It includes properties and operations of the real numbers developed in a logical and systematic way, reviews arithmetic skills (e.g., greatest common divisor, less common multiple, prime factors, etc.), and emphasizes techniques for study habits necessary for successful completion of higher mathematics courses.

COURSE TITLE: ALGEBRA 1-A

Grades: 7-11

**Length: First Year of a Two Year
Algebra 1 Program**

**Prerequisite: Placement
Recommendation**

This is the first year of a two-year course in Algebra 1. In order for students to receive full credit for graduation, students must successfully complete both Algebra 1-A and Algebra 1-B. Algebra is an introduction to the power of mathematical abstractions, and symbolisms. In the course, students develop an understanding of variables, variable expressions, equations, and inequalities. A variety of methods are used to solve linear equations, non-linear equations, quadratics, and inequalities. A balanced approach of formal and informal investigations will help students to present solutions to traditional and real-world problems. Students are taught graphing which presents a pictorial representation of problems and tools to interpret expressions, equations, and inequalities.

COURSE TITLE: ALGEBRA 1-B **Grades: 8-12**
Length: Second Year of a Two Year **Prerequisite: Successful Completion**
Algebra 1 Program **of Algebra 1-A**

This is the second year of a two-year course in Algebra 1. In order for students to receive full credit for graduation, students must successfully complete both Algebra 1-A and Algebra 1-B. Algebra is an introduction to the power of mathematical abstractions and symbolisms. In this course, students develop an understanding of variables, variable expressions, equations, and inequalities. A variety of methods are used to solve linear equations, non-linear equations, quadratics, and inequalities. A balanced approach of formal and informal investigations, help students to present solutions to traditional and real-world problems. Students will be taught graphing which presents a pictorial representation of problems and tools to interpret expressions, equation, and inequalities.

COURSE TITLE: ALGEBRA 1 **Grades: 7-12**
Length: One Year **Prerequisite: "C" or better in Pre-Algebra or**
Placement Recommendation

Algebra is an introduction to the power of mathematical abstractions and symbolisms. In this course, students develop an understanding of variables, variable expressions, equations, and inequalities. A variety of methods are used to solve linear equations, non-linear equations, quadratics, and inequalities. A balanced approach of formal and informal investigations will help students to present solutions to traditional and real-world problems. Students are taught graphing which presents a pictorial representation of problems and tools to interpret expressions, equations and inequalities.

COURSE TITLE: ALGEBRA 1 HONORS **Grades: 9-12**
Length: One Year **Prerequisite: Honors Placement Criteria**

This course includes operations in algebra, polynomials, special products and factors, formulas, linear equations, graphs, fractional equations, powers, roots, radicals, quadratic equations, simultaneous equations with two variables, proportions, and verbal problems. It emphasizes preciseness and consistency in language and development of mathematical structure. It provides opportunities to explore, discover, make and test conjectures.

COURSE TITLE: SENIOR ALGEBRA 1 **Grades: 9-12**
Length: One Year **Prerequisite: Placement Recommendation**

Algebra is an introduction to the power of mathematical abstractions and symbolisms. In this course, students develop an understanding of variables, variable expressions and equations. A variety of methods are used to solve linear equations, non-linear equations, and quadratics. A balanced approach of formal and informal investigations will help students to present solutions to traditional and real-world problems. Students will be taught graphing which presents a pictorial representation of problems and tools to interpret expression and equations. Senior Algebra 1 is designed as a culmination course to assist students in meeting graduation requirements.

COURSE TITLE: GEOMETRY **Grades: 9-12**
Length: One Year **Prerequisite: Algebra 1-Grade “C” or Better**

This course provides instruction in the elements of geometry with emphasis on proofs and deductive thinking; includes coordinate geometry; utilizes relationships of parallel and perpendicular lines, congruency, and similarity; develops and applies the Pythagorean theorem; elementary constructions and loci, area of plane figures, surface area and volume of solids.

COURSE TITLE: GEOMETRY HONORS **Grades: 9-12**
Length: One Year **Prerequisite: Honors Placement Criteria**

This course provides instruction in the elements of geometry with emphasis on proofs and deductive thinking; includes coordinate geometry; utilizes relationships of parallel and perpendicular lines, congruency, and similarity; develops and applies the Pythagorean theorem; elementary constructions and loci, area of plane figures, surface area and volume of solids.

COURSE TITLE: ALGEBRA 2 **Grades: 9-12**
Length: One Year **Prerequisite: “C” or Better in Previous Math Courses (Algebra 1 & Geometry) or Teacher Recommendation**

This course reviews algebraic concepts with increased emphasis on the properties of number systems, functions, structure, and proof. The language and symbolism are advanced to meet the needs of the new mathematical ideas and concepts. The content includes such topics as those found in the theory of equations, matrices, induction, sequences, permutations and combinations, probability, and logarithms.

COURSE TITLE: ALGEBRA 2/TRIGONOMETRY-HONORS **Grades: 9-12**
Length: One Year **Prerequisite: Honors Placement Criteria**

This course reviews algebraic concepts with increased emphasis on the properties of number systems, functions, structure and proof. The language and symbolism are advanced to meet the needs of the new mathematical ideas and concepts. The content includes such topics as those found in the theory of equations, matrices, matrices, induction, sequences, permutations and combinations, probability and logarithms.

COURSE TITLE: TRIGONOMETRY AND MATH ANALYSIS **Grades: 10-12**
Length: One Year **Prerequisite: “C” or Better in Algebra 2**

This course includes the following topics commonly found in pre-calculus mathematics: trigonometry; sets and logical statements; functions, polynomial functions; logarithmic and trigonometric functions (including circular functions); complex numbers, plane analytic geometry; matrices; vectors, induction, and the binomial function; permutations, combinations, and probability and elementary statistics; sequences, series and limits. It also includes derivatives of polynomials and curve sketching, and conic sections. This course reviews and unifies mathematical experience and acts as a transition from the mathematics commonly associated with the secondary schools to higher mathematics.

COURSE TITLE: TRIGONOMETRY AND MATH ANALYSIS-HONORS **Grades: 10-12**
Length: One Year **Prerequisite: Honors Placement Criteria**

This course includes the following topics commonly found in pre-calculus mathematics: trigonometry; sets and logical statement; ordered fields, functions, polynomial functions; logarithmic and trigonometric functions (including circular functions); complex numbers, plane analytic geometry; matrices; vectors, induction, and the binomial function; permutations, combinations, and probability; sequences series and limits. It also includes derivatives of polynomials and curve sketching and conic sections. This course reviews and unifies mathematical experience and acts as a transition from the mathematics commonly associated with the secondary schools to higher mathematics.

COURSE TITLE: TOPICS IN TRIGONOMETRY/DATA ANALYSIS/
DISCRETE MATHEMATICS **Grades: 11-12**
Length: One Year **Prerequisite: “C” or better
in Algebra 2**

This course includes topics in discrete mathematics including social decision making, graph theory, counting techniques and probability, matrix models, and the mathematics of iteration. This course also includes topics in trigonometry, exponential and logarithmic functions, linear programming, statistics, and curve fitting using modern graphing calculators. This course is designed as a fourth year of high school mathematics for students pursuing non-technical majors in college but need a background in mathematical applications.

COURSE TITLE: CALCULUS AB/AP **Grades: 11-12**
CALCULUS BC/AP **Prerequisite: Trigonometry and Math Analysis
with “B” or Better or Placement Recommendation**
Length: One Year

This course includes finite and infinite limits, continuity; derivatives of algebraic, trigonometric, exponential, and logarithmic functions; definite and indefinite integrals; applications of the integral; sequences, series and convergence.

COURSE TITLE: STATISTICS AP **Grades: 10-12**
Length: One Year **Prerequisite: “B” or better in Algebra 2
and “B” or better in Language Arts**

This course is equivalent to a one-semester, introductory, non-calculus-based, college course in statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions for data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference.

COURSE TITLE: CAHSEE MATHEMATICS

Grades: 11-12

Length: One Semester

Prerequisite: A non-passing score on the Mathematics portion of the CAHSEE

This course emphasizes a review of the five strands of mathematical concepts: statistics, data analysis, and probability, number sense, algebra and functions, measurement and geometry, statistics, data analysis, and probability. They understand the concepts of mean, median, and mode of data sets and how to calculate the range. They analyze data and sampling processes for possible bias and misleading conclusions; they use addition and multiplication of fractions routinely to calculate the probabilities for compound events. Students conceptually understand and work with ratios and proportions; they compute percentages (e.g., tax, tips, interest). Students know about π and the formulas for the circumference and area of a circle. They use letters for numbers in formulas involving geometric shapes and in ratios to represent an unknown part of an expression. They solve one-step linear equations. Concepts explicitly identified in the CAHSEE Mathematics Blueprint are reinforced. May be repeated for credit.

PHYSICAL EDUCATION

COURSE TITLE: COED PHYSICAL EDUCATION 9

Grade: 9

Length: One Year

Prerequisite: None

This course is designed to emphasize fitness, team sports, gymnastics/tumbling, aquatics, and wellness. The instruction is aimed at developing proficiency, analysis and the interrelationship of fundamental movement skills; positive self-image and acceptance of the total self, and mature teamwork in resolving conflicts within a group. The wellness curriculum includes an appreciation and understanding of making healthy personal choices to create an individualized fitness program for a life-long state of well being.

COURSE TITLE: COED PHYSICAL EDUCATION 10

Grade: 10

Length: One Year

Prerequisite: None

This course is designed to emphasize individual and dual sports, outdoor education, combatives, dance, and analysis of movement. This instruction is aimed at analyzing the physiological and mechanical principles of movement. Each student plans an individualized exercise program and is ready to assume leadership roles, serve as peer coaches and take the initiative to assist others.

COURSE TITLE: COED PHYSICAL EDUCATION 11-12

Grades: 11-12

Length: Semester or Year

Prerequisite: None

This course is designed to allow students to select activities for the pursuit of individual excellence. Each student should apply their knowledge of exercise physiology to pursue a lifestyle conducive to maintaining optimum health and enjoyment of life long recreational opportunities. This course may be repeated for credit.

COURSE TITLE: ATHLETICS 9-12
Length: Semester or Year

Grades: 9-12
Prerequisite: None

This is a course designed for the highly skilled student to participate at an interscholastic level of competition in individual and team sports. This course may be repeated for credit.

COURSE TITLE: BEGINNING DANCE
Length: One Year

Grades: 10-12
Prerequisite: None

This course is designed to include applications of beginning dance movement and techniques. Students learn to express themselves through a variety of movement techniques as well as express themselves on paper with demonstrations of critique writing. A wellness unit provides opportunities and understanding in healthy personal choices, physical fitness testing and personal goal setting for personal development.

COURSE TITLE: INTERMEDIATE DANCE
Length: One Year

Grades: 10-12
Prerequisite: Department Approval

This course is designed as a second step for beginning students. It is designed to include applications of beginning dance movements and techniques to advanced movement combinations and preparation of choreography and performance. The students will learn to express themselves on paper demonstrations of critique writing. This course may be repeated for credit.

COURSE TITLE: ADVANCED DANCE
Length: One Year

Grades: 10-12
Prerequisite: Instructor Approval

This course is designed to include applications of beginning dance movements and technique to advanced movement combinations and preparation of choreography and performance. Students learn to express themselves through a variety of movement techniques as well as express themselves on paper with demonstrations of critique writing. A wellness unit provides opportunities and understanding in healthy personal choices, physical fitness testing, goal setting and nutritional information. This course may be repeated for credit.

COURSE TITLE: DANCE TEAM
Length: One Year

Grades: 9-12
Prerequisite: Instructor Approval

This course is designed to address the technical and performance requirements of a competitive performing dance team. The curriculum includes advanced dance techniques including but not limited to jazz, ballet, modern, tap and character. The class focus is on performance demands including but not limited to half-time shows, parades, indoor competition, annual dance concerts, pep assemblies, traveling shows for the community and related performance opportunities. A wellness unit provides opportunities and understanding in making healthy personal choices, physical fitness testing, goal setting and nutritional information. Admittance to the class is by audition only. This course may be repeated for credit.

COURSE TITLE: PHYSICAL EDUCATION/PEP SQUAD **Grades: 9-12**
Length: One Year **Prerequisite: Instructor Approval**

This course is designed to develop dance skills necessary for performance and competition, provide leadership opportunities and allow for expression of school spirit in a variety of creative ways. This course may be repeated for credit.

COURSE TITLE: PHYSICAL EDUCATION/MARCHING BAND **Grades: 9-12**
Length: One Semester **Prerequisite: Instructor Approval**

This course is designed to develop an appreciation for marching music and to develop physical principles of movement combined with playing a musical instrument. Class instruction includes exercise and fitness and music fundamentals combined with preparation to perform in parade and field tournaments. A wellness unit provides opportunities to develop an understanding in making healthy personal choices, physical fitness testing, goal setting and nutritional information. This course may be repeated for credit.

COURSE TITLE: PHYSICAL EDUCATION/COLOR GUARD **Grades: 9-12**
Length: One Year **Prerequisite: Instructor Approval**

This course is designed to develop and increase skill in performing with the body (dance) and equipment (flag, rifle, and sabre), and to teach the principles of staging and drill. Class instruction includes daily exercise, dance and equipment fundamentals for the purpose of performing at competitions and community events. This course may be repeated for credit. A wellness unit provides opportunities and an understanding of making healthy personal choices, physical fitness testing, goal setting, and nutritional information.

SCIENCE

COURSE TITLE: SCIENCE AND TECHNOLOGY **Grades: 9-12**
Length: One Year **Prerequisite: Teacher Recommendation**

Science and Technology is a general survey of the physical sciences. It emphasizes practical applications of scientific theory to daily living situations. Special attention is given to the student's ability to understand scientific information described by the popular media and to solve problems in a logical manner. Topics include machines, energy, electricity, sound, light, heat, water and household chemistry.

COURSE TITLE: PHYSICAL SCIENCE **Grades: 9-12**
Length: One Year **Prerequisite: None**

This is a survey of physical science. It includes basic understanding and some applications of chemistry, physics, earth and space sciences.

COURSE TITLE: ASTRONOMY

Length: One Year

Grades: 10-12

Prerequisite: None

This course is a general survey of astronomy, including the solar system, stars, and universe. Astronomy is an interdisciplinary science with emphasis on earth sciences, physics, and chemistry. The program is activity-based, with inquiry and conceptual understanding triggered by observations of the day and night skies, field trips, and computer analysis.

COURSE TITLE: LIFE SCIENCE

Length: One Year

Grades: 9-12

Prerequisite: None

This course is designed to develop an awareness and basic understanding of the various areas of life science. Classroom instruction is devoted to practical experimentation, measurement, the cell, diversity of life, human biology, genetics, natural selection, and human behavior.

COURSE TITLE: EARTH SCIENCE

Length: One Year

Grades: 9-12

**Prerequisite: Concurrent enrollment
in Algebra 1A or higher**

Earth Science is designed to be a general, college preparatory course. It will provide students with the comprehensive study of earth and space sciences. Topics will include earth's place in the universe, dynamic earth processes, energy in earth systems, biogeochemical cycles, weather and climate, and California geology. Scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world will be addressed. Emphasis is given to data analysis, laboratory investigation skills, and critical thinking.

COURSE TITLE: EARTH SCIENCE FUNDAMENTALS

Length: One Year

Grades: 9-12

Prerequisite: None

This course is designed to develop a basic understanding of earth science. Classroom instruction will include the areas of astronomy, dynamic earth processes, energy in the earth system, biogeochemical cycles, structure and composition of the atmosphere, and California geology. The pace of this course is modified to suit the needs of the learner.

COURSE TITLE: BIOLOGY

Length: One Year

Grades: 9-12

Prerequisite: None

Biology is a college preparatory course designed to familiarize the student with the diversity and processes of life. This course emphasizes the classification and ecology of organisms; the role that evolution has played in life on earth; ecological change and stability; the molecular, cellular and organism levels of life; energy production and flow within living systems. General topics in Biology include units such as: Introduction to Biology; Cell Structure, Cell Function; Taxonomy and Evolution, Viruses, Diversity of Life, Ecology, Genetics, and Animal Physiology. The students develop the ability to think and express themselves in a scientific manner by focusing on the importance of laboratory skills, experimentation, and analysis.

COURSE TITLE: BIOLOGY-HONORS

Grades: 9-12

Length: One Year

Prerequisite: Honors Placement Criteria

Honors Biology is a first year biology course providing the same curriculum as regular biology but at an accelerated pace. Additionally, it emphasizes contemporary research technology and techniques, quantitative analysis in problem solving and molecular and cellular biology. The use of literature research and scientific writing techniques are stressed. Students must have a solid background in writing, algebra and the physical sciences, especially basic chemistry.

COURSE TITLE: BIOLOGY 2-AP

Grades: 10-12

Length: One Year

Prerequisite: Honors/AP Placement Criteria

Biology 2-AP is a second year biology course designed to follow a college level curriculum. It includes an in-depth study of: biochemistry, cytology, bacteriology, immunology, animal behavior, development, growth and response in plants and animals, and a comparative study of the systems and phyla of plants and animals. Biology 2-AP prepares the students for the Advanced Placement Test.

COURSE TITLE: CHEMISTRY

Grades: 10-12

Length: One Year

**Prerequisite: Algebra 1 with grade of "C" or better
or Algebra 1A & 1B with a grade of "B" or better**

Chemistry is designed to be a general, college-preparatory course in the fundamentals of measurement, the physical and chemical structure of matter, chemical reactions and stoichiometry, solutions and ionization, modern atomic theory, equilibrium and electrochemistry. Emphasis in this course is given to both problem solving and laboratory investigation.

COURSE TITLE: CHEMISTRY-HONORS

Grades: 10-12

Length: One Year

Prerequisite: Honors Placement Criteria

Honors Chemistry is a first course in high school chemistry designed to provide the student all the introductory material common to regular high school chemistry. However, it is unique because it will accelerate the rate at which the material is presented thus providing time for topics such as Biochemistry and Nuclear Chemistry which are often neglected in regular Chemistry. Also, the standard topics are explored in depth with a greater emphasis on mathematics and contemporary applications.

COURSE TITLE: CHEMISTRY 2-AP

Grades: 11-12

Length: One Year

Prerequisite: Honors/AP Placement Criteria

This is an advanced course in chemistry. This course provides the student with the required content information for passing the Advanced Placement (AP) Test. Included is an opportunity for individual project work in laboratory chemistry.

COURSE TITLE: CHEMISTRY IB
Length: One Year

Grades: 11-12
Prerequisite: Chemistry with a “B”
Algebra II with a “B”

The course is designed to be the equivalent of the general chemistry course usually taken during the first year of college for those majoring in a science-related field. Students should acquire a thorough understanding of basic chemical principles and be able to solve chemical problems. The course will require a student to use critical thinking skills and to improve those skills throughout the course. Students will frequently be required to communicate their understanding orally and in writing with precision and accuracy. The lab work and time allotted for lab work must match that at a college or university in a comparable course.

COURSE TITLE: PHYSICS
Length: One Year

Grades: 11-12
Prerequisite: Algebra 2 – “C” or better
or concurrent enrollment

Physics is a college-preparatory course designed to familiarize the students with the physical world around them, as revealed through motion, energy, wave phenomena, light and electricity, and structure of the atom and nucleus. Great emphasis is placed on problem-solving and graphical analysis of data; as such, mastery of physics depends significantly upon the student’s skills in mathematics.

COURSE TITLE: PHYSICS-AP
Length: One Year

Grades: 11-12
Prerequisite: Honors/AP Placement Criteria

This is a college level course equivalent to a one year non-calculus college physics course. The focus is on topics including mechanics, dynamics, heat, sound and wave theory, electricity and magnetism, light and optics and nuclear physics. Classroom instruction is designed to prepare the student to successfully pass the Advance Placement (AP) Physics B Exam using lectures, audio-visual materials and laboratory experiences.

COURSE TITLE: CONCEPTUAL PHYSICS
Length: One Year

Grades: 9-12
Prerequisite: None

This course is designed to develop a basic understanding of physics. Classroom instruction will include motion, forces, momentum, energy, heat, thermodynamics, electricity and magnetism, waves. Students will develop the ability to think and express themselves in a scientific manner by focusing on the importance of laboratory skills, experimentation, and analysis.

COURSE TITLE: ENVIRONMENTAL SCIENCE
Length: One Year

Grades: 11-12
Prerequisite: Biology and Chemistry
completed with “C” or better

This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. As an integrated course, Environmental Science inter-relates major concepts from Ecology, Earth Science, Chemistry, and Physics. Emphasis is given to data analysis, critical thinking, decision-making, and laboratory investigation skills.

COURSE TITLE: ENVIRONMENTAL SCIENCE AP **Grades: 11-12**
Length: One Year **Prerequisite: Honors/AP Placement Criteria**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks, associated with these problems, and to examine alternative solution for resolving and/or preventing them. This course follows the course of study recommended by the College Board and is designed to prepare students for the AP exams. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. There are several major unifying themes that cut across the many topics included in the study of environmental science, and this course seeks to help students appreciate the essential interconnectedness of these disciplines.

SOCIAL SCIENCE

COURSE TITLE: WORLD HISTORY, CULTURE & GEOGRAPHY **Grade: 10**
Length: One Year **Prerequisite: None**

This course is designed to develop an awareness and basic understanding of Western Civilization from the Industrial Revolution to the present in selected regional studies. This course includes a review of unresolved problems of the modern world and the development of democratic ideas. Emphasis is given to the historical, cultural, economic and political events and issues of this historical period and selected regional case studies. The role of geography shaping world culture and events is integrated throughout the course.

COURSE TITLE: WORLD HISTORY, CULTURES & GEOGRAPHY-H **Grade: 10**
Length: One Year **Prerequisite: Honors Placement Criteria**

World History-Honors is both quantitatively and qualitatively different that the regular World History course. It is designed to provide students with a particularly challenging and rigorous level of instruction. It will develop an awareness and basic understanding of history from the Industrial Revolution to the present. This course includes a review of unresolved problems of the modern world and the development of democratic ideas. Emphasis is given to the historical, cultural, economic and political events and issues of this historical period and selected regional case studies. The role of geography shaping world culture and events is integrated throughout the course.

COURSE TITLE: WORLD HISTORY CULTURE & GEOGRAPHY-FUNDAMENTAL
Length: One Year **Grade: 10**
Prerequisite: Counselor Placement

This course provides a study of the history of the world from the Industrial Revolution to the present with emphasis on historical, cultural, geographic, economic, and political events and issues of this period. It includes a review of ancient and medieval history, an overview of the development of democratic ideals, and a discussion of selected unresolved global problems. Contemporary nationalism is studied through the use of selected regional case studies. This course is designed for students who are reading below grade level. It is organized to assist students to increase their skills of reading, writing, study, and comprehension skills.

COURSE TITLE: HUMAN GEOGRAPHY

Grade 9

Length: One Year

Prerequisite: IB Status

This course is a two-semester course that examines the processes and patterns of human development in relationship to the resources of the earth. On successful completion of the course, the student should be able to understand and interpret maps, spatial data sets, the implications of associations among phenomena in places, the importance of scale as well as define and evaluate the process for determining various regions and analyze the changing interconnections among places. The major themes covered are: The Nature of Human Geography; Population; Cultural Patterns and Processes; Political Organization of Space; Agricultural and Rural Land Use; Industrialization and Development; and Urbanization.

COURSE TITLE: EUROPEAN HISTORY-AP

Grades: 10-12

Length: One Year

Prerequisite: Honors/AP Placement Criteria

This course provides the academically motivated student with college level course work which focuses on analytic skills and the factual knowledge to deal critically with the problems and issues in European History from 1450 to the present. This study incorporates the political, economic, diplomatic, geographic, social, and cultural forces and conditions that help shape modern Europe. Emphasis is placed on a critical examination of historical events using both primary and secondary sources as a basis for interpretation and analysis. Students completing the course are eligible to take the Advanced Placement Test in European History whereby college credit may be received with the attainment of a passing score. Subsequent to the AP exams, the curriculum focus will be on modern Latin American, Africa, the Middle East, and Asia.

COURSE TITLE: UNITED STATES HISTORY & GEOGRAPHY

Grade: 11

Length: One Year

Prerequisite: None

This course is designed to develop an awareness and understanding of United States History and geography in the twentieth century. This course includes a review of the political, social, and economic developments leading to the emergence of the United States as a industrial power in 1900. Emphasis is then given to an in-depth study of the political, economic, social, cultural, geographical, and diplomatic events and issues of twentieth-century America.

COURSE TITLE: UNITED STATES HISTORY-AP

Grade: 11

Length: One Year

Prerequisite: Honors/AP Placement Criteria

This Advanced Placement course meets the U.S. History requirements and is designed to be both quantitatively and qualitatively different from regular U.S. History. This course provides the academically motivated students with collegiate experience that focuses on analytic skills and factual knowledge to deal critically with the problems and issues in U.S. History from the pre-colonial period to the present. Political, economic, diplomatic, geographic, social and cultural forces and conditions that helped shape this great nation are studied. Emphasis is placed on a critical examination of historical events using both primary and secondary sources as a basis for interpretation and analysis. Students completing the course are eligible to take the Advanced Placement Test in U.S. History and may receive college credit.

COURSE TITLE: UNITED STATES HISTORY & GEOGRAPHY-FUNDAMENTAL **Grade: 11**
Length: One Year **Prerequisite:** Counselor Recommendation

This course includes a review of the political, social, and economic developments leading to the emergence of the United States as an industrial power in 1900. Emphasis is then given to an in-depth study of the political, economic, social, cultural, geographical, and diplomatic events and issues of 20th century America. It is designed for students who are reading below grade level. It is organized to assist students to increase their reading, writing, study and comprehension skills.

COURSE TITLE: ECONOMICS **Grade: 12**
Length: One Semester **Prerequisite:** U.S. History

This required course is designed to deepen an understanding of the American economic system and fundamental economic principles. Emphasis is also placed on the economic institutions in the United States, the international marketplace, and comparative economic systems.

COURSE TITLE: MACROECONOMICS AP **Grade: 12**
Length: One Semester **Prerequisite:** Honors/AP Placement Criteria

This Advanced Placement course meets the economics requirement for graduation. It is designed to be qualitatively and quantitatively different from the regular economics course. This course provides the academically advanced student a thorough understanding of the principles of economics as they apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination, and also develops the student's familiarity with economic performance measure, economic growth and international markets.

COURSE TITLE: MICROECONOMICS AP **Grade: 12**
Length: One Semester **Prerequisite:** Honors/AP Placement Criteria

This Advanced Placement course meets the economics requirement for graduation. It is designed to be qualitatively and quantitatively different from the regular economics course. This course provides the academically motivated students with a collegiate experience that focuses on higher order thinking skills, writing skills and interpretation of pertinent data. This course develops the tools necessary for an analytical treatment of microeconomics. Emphasis is placed on historical economic thought, the forces of supply and demand, and competition.

COURSE TITLE: U.S. GOVERNMENT **Grade: 12**
Length: One Semester **Prerequisite:** U.S. History

This course is designed to develop an understanding of the institutions of American government and how our system compares with other governments in the world today. This course marks the culmination of civic literacy that will prepare students to vote, participate in community activities and reflect the responsibilities of citizenship.

COURSE TITLE: U.S. GOVERNMENT-AP **Grade: 12**
Length: One Semester **Prerequisite: Honors/AP Placement Criteria**

This Advanced Placement level course meets the U.S. Government requirement and is designed to be both quantitatively and qualitatively different from regular U.S. Government. This course provides the academically motivated student with collegiate experience that focuses on the analytic skills and factual knowledge to deal critically with the development of the past two hundred years, and how it works today in the last years of the twentieth century is studied. This course examines in detail the principal processes and institutions through which the political system functions, as well as some of the public policies which these institutions establish and how they are implemented. Students completing this course are eligible to take an Advanced Placement test in U.S. Government and may receive college credit.

COURSE TITLE: COMPARATIVE GOVERNMENT-AP **Grade: 12**
Length: One Semester **Prerequisite: Honors/AP Placement Criteria**

This Advanced Placement level course is a social studies elective. It provides the academically motivated student with collegiate experience that focuses on the analytic skills and factual knowledge to deal critically with the development of the major political systems of the world. This course encompasses the study both of specific countries and of general concepts used to interpret the key political relationships found in virtually all national policies. Five countries form the core of the study. Four of these nations are Great Britain, France, the former Soviet Union, and China. These states are included because they are commonly covered in college comparative politics courses and provide examples of different types of political systems. The inclusion of a developing nation allows the student to examine the political implications of different levels of economic development. For the fifth nation, therefore, the study allows the instructor to choose either India, Mexico, or Nigeria. Students completing this course are eligible to take an Advanced Placement test in Comparative Government and may receive college credit.

COURSE TITLE: CALIFORNIA IN THE 20TH CENTURY **Grades: 10-12**
Length: One Semester **Prerequisite: None**

This course includes a review of the political, social and economic history of California prior to the 20th Century. This course includes the study of contemporary California, its multi cultural heritage, its government, economics and major issues facing the state. The depth of this study is statewide, county and local.

COURSE TITLE: COMPARATIVE WORLD RELIGIONS **Grades: 11-12 or Grade 10**
Length: One Semester **with Administrator's Approval**
Prerequisite: World History

This elective course examines the major religions of the world with an emphasis on the understanding of the relationship of religion to political and social thought.

COURSE TITLE: CONTEMPORARY WORLD AFFAIRS **Grades: 11-12 or**
Grade 10 with Administrator's Approval
Length: One Semester **Prerequisite: World History**

This elective course is designed to develop an awareness and understanding of current geographic, demographic, cultural, social, economic, political, and diplomatic issues and their influence on the major world powers and emerging nations. Attention is given to historical causation and future implications of contemporary issues and trends.

COURSE TITLE: PSYCHOLOGY **Grades: 11-12**
Length: One Semester **Prerequisite: None**

This elective course is designed to introduce 11th and 12th grade students to psychology, with a focus on the scientific study of human development, motivation, learning, and personality. Classroom instruction reflects a historical perspective on psychology as the study of individual behavior, while analyzing theories by scholars like Freud, Maslow, Pavlov, Rogers, Skinner, Erickson and Piaget.

COURSE TITLE: PSYCHOLOGY AP **Grades: 11-12**
Length: One Year **Prerequisite: World History and Language**
Arts 2 or US History and Language Arts 3

AP Psychology is a year-long course. The purpose of AP Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of humans and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

COURSE TITLE: SOCIOLOGY **Grades: 11-12**
Length: One Semester **Prerequisite: None**

This elective course is designed to introduce 11th and 12th grade students to sociological concepts, theories, and procedures. Classroom instruction is designed to show how sociologists analyze the basic structures and functions of societies and the groups within societies. Students will discover how societies become organized, identify conditions under which social disorganization occurs, and develop strategies for their reorganization.

VISUAL AND PERFORMING ARTS

COURSE TITLE: ART FUNDAMENTALS **Grades: 9-12**
Length: One Year **Prerequisite: None**

This is an elective instruction of a year length, designed to provide information and experiences fundamental to the understanding of creative expression. Classroom instruction includes lessons in the care and use of a variety of drawing and painting media, approaches to drawing and painting techniques, the application of the elements and principles of art in both construction and appreciation of artwork, and historical references as they apply to assignments given in class. This is a studio class.

COURSE TITLE: 3 DIMENSION ART/DESIGN

Length: One Year

Grades: 9-12

Prerequisite: None

This elective course is designed to provide the student with information, skills, and processes involved in the production of a variety of hand-made, craft-related projects. Instruction stresses good design and quality craftsmanship, while providing experiences in working with paper, fiber and fabrics, wood, clay, plaster and metals. This is a studio class.

COURSE TITLE: ADVANCED 3 DIMENSION ART/DESIGN

Length: One Year

Grades: 10-12

Prerequisite: Art/Design B

This elective course is designed to provide the advanced student with additional skills and techniques associated with the production of traditional hand-crafted objects. Instruction stresses good design and quality craftsmanship. Students work in the areas of paper, fabrics and fibers, wood, clay, plaster and metals. Some forms of printmaking will also be introduced. Time is made available for students to pursue areas of particular interest on an individualized basis.

COURSE TITLE: CERAMICS

Length: One Year

Grades: 9-12

Prerequisite: None

This elective course is designed to introduce the student to basic concepts regarding the ceramic process, additional construction and decorating techniques in the production of both functional and non-functional ceramic objects. Instruction includes techniques in hand-building as well as working on the potter's wheel. Information regarding the historical development of ceramics as an art form will also be given. This is a studio course.

COURSE TITLE: ADVANCED CERAMICS

Length: One Year

Grades: 10-12

Prerequisite: Ceramics or Teacher Recommendation

This elective course is designed to further the ceramics student's knowledge of construction and decoration techniques. Instruction includes theory and methodology of leading and firing kilns, as well as advanced hand-building and throwing techniques. Time is made available for students to independently pursue a specific area of interest. This is a studio course.

COURSE TITLE: PHOTOGRAPHY

Length: One Year

Grades: 9-12

Prerequisite: None

This elective course is designed to provide photography students with information regarding a variety of techniques and materials related to the photographic process. Major instruction includes technical aspects of the camera, film types, processing of negatives, enlarging prints, and practical skills necessary to prepare the student for employment in the field of photography. This course may be repeated for credit.

COURSE TITLE: ADVANCED PHOTOGRAPHY

Grades: 10-12

Length: One Year

Prerequisite: Photography

This elective course is designed to provide photography students with information and skills regarding a variety of techniques and materials related to the photographic process. The air of the course is to examine and understand the basic principles of the medium and to explore processes and techniques that will emphasize the distinctive aspects of the students' own photographic sense of communication. Emphasis will be placed on history, culture, social issues, and aesthetic concerns within the visual arts.

COURSE TITLE: ELECTRONIC ART/DESIGN

Grades: 9-12

Length: One Semester

Prerequisite: None

This elective course is designed to introduce the student to the basic concepts common to the field of electronic art and design. This course explores electronic media as a method of creative, visual communication. It develops an understanding that art principals and technical skills are necessary to communicate effectively in the medium of electronic art.

COURSE TITLE: DRAWING AND PAINTING

Grades: 9-12

Length: One Year

**Prerequisite: Art Fundamental or
Teacher Recommendation**

This elective course is designed to provide the art student with experiences in the proper use of a variety of different materials and to instruct them in additional drawing and painting techniques. Instruction includes contemporary and historical references as well as processes of criticism and evaluation. Learning techniques include lecture, demonstration and guided practice. This is a studio class.

COURSE TITLE: ADVANCED DRAWING AND PAINTING

Grades: 11-12

Length: One Year

Prerequisite: Drawing/Painting

This elective course is designed to further instruct the art student in the proper use of a variety of different materials and to further provide them with instruction in, and experience with, a range of drawing and painting techniques. Students identify specific media and subjects of interest and then work within those identified areas. Learning techniques include lecture, demonstration and guided practice. This is a studio class.

COURSE TITLE: DESIGN

Grades: 10-12

Length: One Year

Prerequisite: Art Fundamentals

This elective course is designed to give the art student in-depth study in the application and understanding of the elements and principles of art. Students produce a variety of pieces, involving different media and processes which will continue to develop their drawing, painting and designing skills. This is a studio course.

COURSE TITLE: COMMERCIAL ART **Grades: 11-12**
Length: One Year **Prerequisite: Design or Drawing & Painting**

This elective course is designed to introduce the student to the basic concepts common to the fields of advertising design, graphic design, illustration and lettering. Elements and principles of art, as well as a variety of drawing and painting skills will be emphasized. This is a studio course.

COURSE TITLE: STUDIO ART AP **Grade: 12**
Length: One Year **Prerequisite: Teacher Recommendation**

This elective course is designed to provide the identified advanced art student with an opportunity to pursue a specific area of interest in art, as well as to expand his/her skills in a variety of media. Instruction includes work in group as well as individualized lessons. This course familiarizes the student with the organization and compilation of a portfolio of college level work. Contents of the portfolio are established by the College Entrance Examination Board. This is an Advanced Placement Course. College credit and/or placement are determined by portfolio review. This is a studio course.

COURSE TITLE: ART PROJECTS **Grades: 11-12**
Length: One Year **Prerequisite: Drawing and Painting and Teacher Recommendation**

This elective course is designed to challenge the advanced art student to pursue projects and areas of individual interest. This course of study in this class is both directed and self-directed. Instruction includes lessons in the use of a wide variety of art tools, media and techniques. Areas of personal interest as well as new areas open for exploration are encouraged. The development of aesthetic judgment and evaluation is indicated. Vocational opportunities are discussed. This is a studio class.

COURSE TITLE: ART HISTORY AP **Grades: 11-12**
Length: One Year **Prerequisite: Instructor Approval**

This art history class surveys the development of painting, sculpture, and architecture from pre-historic to contemporary times. Major themes, concepts and the technique vocabulary will be research as well as aesthetic theories and products. Critical thinking and writing skills will be emphasized. At the conclusion of the course the student will be eligible to take the Advanced Placement examination.

COURSE TITLE: ANIMATION PROJECTS **Grades: 9-12**
Length: One Year **Prerequisite: Art Fundamentals**

This course introduces the student to the history and development of animation processes. This course explores a variety of animation techniques including pixilation, cutouts, cartoons, puppets, and computer animation. This course includes the production of animated sequences by the students.

COURSE TITLE: FILM APPRECIATION

Grades: 11-12

Length: One Year

Prerequisite: Teacher's Recommendation

This elective course is designed to develop an awareness and basic understanding of the motion picture film as an art form. Classroom instruction will emphasize auditory and visual experiences of the cinematic arts. Furthermore, learning experiences will focus upon an increased appreciation of film as art through evaluation and analysis of its inherently aesthetic qualities. The course meets the fine arts requirement of the University of California. UC approved.

COURSE TITLE: VIDEO PRODUCTION I

Grades: 9-12

Length: One Year

Prerequisite: None

Video Production I is a yearlong elective course. It is a project-based curriculum that develops career and communication skills in digital video production. This course is designed to introduce students to the techniques and skills used widely in the video production and digital arts communities with a focus on four key skill areas: 1) project management and collaboration, 2) design, 3) research and communication, and 4) professional video production. Students develop these key skills by building upon the knowledge and skills learned in previous parts of the class. Students engage in storytelling, capturing and editing video and audio, and finalizing or publishing content for DVD and the internet.

COURSE TITLE: BROADCASTING/ADVANCED VIDEO PRODUCTION **Grades: 9-12**

Length: One Year

Prerequisite: Teacher's Approval

Broadcasting/Advanced Video Production is a yearlong elective course. It is a project-based class that develops career and communication skills in digital video production. This course is designed to introduce students to the techniques and skills used in television news broadcasting and broadcast journalism, as well as those skills necessary in the filming, editing and production of a DVD yearbook.

COURSE TITLE: ADVANCED BAND

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This course is designed to develop and increase skill in performing on a musical instrument through live performances. By exposure to instrumental literature and musical structure including marching and concert/symphonic band experiences, students will be provided opportunities for increasing skill in ensemble performances. This course may be repeated for credit.

COURSE TITLE: CONCERT/SYMPHONIC BAND

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This elective course is designed to develop and increase skill in performing on a musical instrument through live performances. By exposure to instrumental literature and musical structure, students will be provided concert/symphonic band experiences. This course may be repeated for credit.

COURSE TITLE: WIND ENSEMBLE **Grades: 9-12**
Length: One Semester **Prerequisite: Instructor Approval and by audition**

This elective course is designed to develop an understanding of the nature, structure and meaning of music through the rehearsal and performance of advanced (Class, A, AA) wind ensemble literature. This course provides for increasing skill in live ensemble performance. This course may be repeated for credit.

COURSE TITLE: ORCHESTRA **Grades: 9-12**
Length: One Year **Prerequisite: Instructor Approval**

This elective course is designed to develop an understanding of the nature, structure, and meaning of orchestral music through the rehearsal and performance of advanced orchestral/chamber literature. This course provides for increasing performance skill in small and large ensembles. This course may be repeated for credit.

COURSE TITLE: JAZZ ENSEMBLE **Grades: 9-12**
Length: One Year **Prerequisite: Advanced Band or Orchestra and Instructor Approval**

This elective course is designed to develop an understanding of the nature, structure and meaning of the jazz idiom through the rehearsal and performance of advanced jazz literature. This course provides for increasing skill in jazz ensemble performance. This course may be repeated for credit.

COURSE TITLE: GUITAR **Grades: 9-12**
Length: One Year **Prerequisite: Availability of an instrument**

Guitar is basic course designed for the student with no previous experience in playing the guitar. This course includes the study of scales, intervals, triads, basic chords, reading and writing music notation, appropriate exercises and compositions to familiarize the student with guitar technique. This course may be repeated for credit.

COURSE TITLE: CHORUS **Grades: 9-12**
Length: One Year **Prerequisite: None**

This elective course is designed to develop an awareness and basic understanding of basic singing in unison and parts, progressive facility in group performances, music appreciation and knowledge of music literature. This course may be repeated for credit.

COURSE TITLE: VOCAL ENSEMBLE **Grades: 9-12**
Length: One Year **Prerequisite: Instructor Approval**

This elective course is designed for advanced and experienced singers capable of performing music especially appropriate for small ensembles. Significant choral ensemble music of all periods and styles will be studied and performed. This course may be repeated for credit.

COURSE TITLE: CONCERT CHOIR

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This elective course is designed to develop an understanding of the nature, structure and meaning of music through the rehearsal and performance of advanced choral literature. This course provides for increasing skill in ensemble singing. This course may be repeated for credit.

COURSE TITLE: TREBLE CHORUS

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This elective course is designed for advanced and experienced singers capable of performing music especially appropriate for small ensembles. Significant choral ensemble music of all periods and styles is studied and performed. This course may be repeated for credit.

COURSE TITLE: SHOW CHOIR

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This elective course is designed for advanced and experienced singers capable of performing music especially appropriate for small ensembles. Significant choral ensemble music of all periods and styles is studied and performed. This course may be repeated for credit.

COURSE TITLE: VOCAL JAZZ

Grades: 9-12

Length: One Year

Prerequisite: Instructor Approval

This is a one-year elective course designed to develop an understanding of the nature, structure and meaning of the jazz idiom through the rehearsal and performance of jazz literature. The course is designed for advanced and experienced singers capable of performing music especially appropriate for small ensembles. May be repeated.

COURSE TITLE: MUSICAL THEATER

Grades: 9-12

Length: One Year

**Prerequisite: Instructor Approval and/or
Concurrent Enrollment in Show Choir**

This is a course in movement, vocal performance, and acting in the musical theater which provides a school to work pathway with gender equity. Techniques, preparation for performance and audition skills are explored. This course may be repeated for credit.

COURSE TITLE: MUSIC APPRECIATION

Grades: 9-12

Length: One Year

Prerequisite: None

This elective course is designed for all students with an interest in studying music from a variety of sources, cultures, periods and styles. An emphasis is placed on what to listen for in music. This course covers music from medieval through current rock-n-roll/electronic age,, including ethnic, classical, and popular styles. Students may enter or exit at the semester.

COURSE TITLE: MUSIC THEORY

Length: One Year

Grades: 9-12
Prerequisite: None

This elective course is designed for all students with an interest in reading and analyzing music notation. Emphasis is placed on the ability to read and write music. This course covers pitch, rhythm, a glossary of music symbols and vocabulary, the process of chord progression in relationship to the structure of musical forms and the history of music theory from Greek to current systems. Students may enter or exit at semester.

COURSE TITLE: MUSIC THEORY AP

Length: One Year

Grades: 10-12
Prerequisite: Honors/AP Placement Criteria

This is an elective course designed for all students with an interest in pursuing a music major or minor degree at the college level. The course will introduce the first-year theory student to musicianship, theory, musical materials, and procedures, and will integrate aspects of harmony, melody, texture, rhythm, form musical analysis, elementary composition, and, to some extent music history and style. Emphasis will be placed on learning materials relevant to passing the Advanced Placement exam and obtaining college credit for the first-year music theory class. The student's ability to read and write musical notation is fundamental to this course, and it is assumed that students will have acquired at least basic performance skills in voice or on an instrument.

COURSE TITLE: BEGINNING THEATER ARTS

Length: One Year

Grades: 9-12
Prerequisite: None

This elective course is designed to develop skills and appreciation of important aspects of theater arts. Classroom instruction is designed to include group and individual activities in body control, use of the voice, pantomime, improvisation, creating a character, scene preparation, critical thinking, and scene analysis, with both oral and written critiques.

COURSE TITLE: INTERMEDIATE THEATER ARTS

Length: One Year

Grades: 9-12
Prerequisite: Beginning Theater

This elective course is designed for students who are interested in further study in theater arts. Classroom instruction is designed to include the study of various types of audiences.

COURSE TITLE: ADVANCED THEATER ARTS

Length: One Year

Grades: 10-12
**Prerequisite: Intermediate Theater Arts
or Instructor Approval**

This elective course is designed for advanced students with a desire to continue their study of theater arts in hopes of becoming a professional in one or more of the avocations in theater. Classroom instruction is designed to include the study of specific subjects: acting styles, classical literature, staging and performances of a variety of dramatic writings.

COURSE TITLE: THEATER ARTS PRODUCTIONS **Grades: 10-12**
Length: One Year **Prerequisite: Instructor Approval**

This elective course is designed to offer work in full scale presentations of a play including the study of all theatrical arts. This course centers on the production of a one, two or three act play and/or musical including rehearsal, technical aspects, directing, discussions and critical evaluation of performance. It includes information regarding the entertainment industry as a profession. This class may be repeated for credit.

COURSE TITLE: STAGE CRAFT/THEATER CRAFTS **Grades: 10-12**
Length: One Year **Prerequisite: Instructor Approval**

This elective course is designed to provide basic study of set design, stage lighting, costuming, sound, stage properties, stage make-up, and business management with an emphasis on the procedures and techniques used in all areas. Students are provided technical skills which result in hands-on before and during a production.

COURSE TITLE: MEDIA PRODUCTION **Grades: 9-12**
Length: One Year **Prerequisite: Val Tech students have priority enrollment**

This course introduces students to the art and language of Film. Students will learn film terminology and use it in oral and written criticism of films studies in and out of class. Students will learn how to analyze a film, identifying mise-en-scene, narrative structure, genre conventions, and subtext. Students will use this knowledge as a springboard and to guide them in creating their own films. Students will learn pre-production, production, and post-production techniques of filmmaking, using digital video cameras and computer editing software.

NON-DEPARTMENTAL

COURSE TITLE: ACADEMIC STUDIES & CAREER PLANNING **Grade: 9**
Length: One Semester **Prerequisite: None**

This required course is designed to enable students to make a successful transition from middle school and from high school to higher education, advanced training, or the workplace. Students learn skills necessary for academic success. Then, to begin the lifelong process of career development, they will have the opportunity to explore, evaluate, and plan educational and career options. Students use a variety of self-assessment instruments that will help them identify career-related interests, aptitudes, abilities or skills, and work attitudes. Students acquire knowledge and skills necessary for getting and keeping a job. The primary goal of the course is to increase students' career awareness through career exploration to make informed decisions about their future education and career goals.

COURSE TITLE: DRIVER EDUCATION **Grade: 10**
Length: One Semester **Prerequisite: None**

Driver Education provides students with at least a minimum performance capability for entry into the highway traffic system as vehicle operators, as well as equips students with the knowledge and thought processes which will enable them to make wise decisions in situations which could lead to impaired driving performance. This course will assist students to acquire the insight and motivation needed to become fully functioning and responsible drivers.

COURSE TITLE: CONFLICT MANAGEMENT

Grades: 9-12

Length: One Year

**Prerequisite: Training by qualified instructor;
recommendation of teacher/counselor/students**

Conflict Managers serve as neutral mediators with students who need to resolve conflicts. They are trained by staff members who have been trained as trainers in conflict management through the Orange County Department of Education. They work in pairs and their schedule is developed by a faculty coordinator. Conflict Managers assist disputing students in the peaceful expression and resolution of their conflicts by using a prescribed problem-solving process. Disputants may be referred to Conflict Managers by the principal, dean, counselor, teachers, other students, or themselves. The process is voluntary; no one is forced to see Conflict Managers to resolve a dispute. Conflict Managers are facilitators, not judges, or disciplinarians. They help students express their conflicts and find their own best resolutions. They are trained not to offer advice. They are under the supervision of the Counseling Department. The Conflict Managers selected should reflect the school's population as closely as possible with regard to race/ethnicity, gender, and social grouping. The program is based on the philosophy that students can solve their own problems. The course may be repeated once for credit.

COURSE TITLE: PEER ASSISTANT LEADERSHIP

Grades: 9-12

Length: One Year

Prerequisite: Recommendation of Teacher/Counselor

This class is designed to develop the intrapersonal skills of active listening, assertiveness, communication, conflict resolution, decision making, personal values clarification and group work. It is an activities class which includes a representation of the school's social/economic, cultural and ethnic population. The second semester focuses on outreach activities such as cross age tutoring, orientation of new students to campus facilities and school activities, conflict management, community projects, etc. The teachers, counselors and peer assistants determine which activities best meets the needs of the recipients of the service in this application stage. All peer support experiences will be supervised by a teacher or counselor.

COURSE TITLE: PEER ASSISTANT LEADERSHIP II

Grades: 11-12

Length: One Year (Maximum 10 credits)

**Prerequisite: PAL and
recommendation of teacher/counselor**

This class is designed to expand the intrapersonal skills of active listening, assertiveness, communication, conflict management and conflict resolution, decision making, personal values clarification and group work. PAL II leaders will take an active role in these activities class, in school and community leadership opportunities, service learning projects and mentoring of new peer leaders.

Peer II leaders will develop and implement cross age tutoring at local elementary and middle schools within the PYLUSD, run new student orientation activities, develop a new "Breaking Down The Walls" program, and design community service projects for incoming PAL's. PAL II students will develop and maintain the PAL web site, which will allow EHS students to access peer helpers in times of crisis or in need of a peer to offer assistance. The PAL teacher or school official will supervise all peer support activities.

COURSE TITLE: AVID
Length: One Year

Grades: 9-10
Prerequisite: Teacher Approval

AVID (Advancement Via Individual Determination) is a program designed to prepare under-represented high school students to meet requirements for admission to four-year colleges and universities. Under-representation is determined by ethnicity (African-American, Hispanic, or Native American), lower socio-economic status (AFDC or free lunch recipients), or first generation college bound students. Students are enrolled in college prep Language Arts, History, Science, Math, and Foreign Language classes and in AVID as an elective class. In the AVID class, students are tutored by college students and taught skills needed to be successful in these advanced college preparatory classes. In particular, students are taught study skills, note taking, time management, writing, and research skills. Students also learn about colleges and universities (especially the application and financial aid processes) and prepare for college admission tests such as the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Students take field trips to various college campuses and cultural events, and numerous guest speakers from the community speak to the AVID class about their experiences and career options. This course may be repeated for credit.

COURSE TITLE: AVID JR/SR SEMINAR
Length: Two Years-May be repeated for credit (Maximum of 10 credits per year)

Grades: 11&12
Prerequisite: Previous enrollment in AVID lower-level classes for a minimum of two years.

AVID elective courses at all grade levels are designed to prepare, in an academic context, students for entrance into four year colleges, with emphasis on analytical writing, preparations for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research.

As with all AVID courses, the Seminar features tutors, college students, who lead discussions and analysis of the academic subjects in which the students are enrolled. Students enrolled in the Seminar are required to complete weekly timed writings and analytical discourses in all subjects. In addition, students are required to make oral presentations to the class on topics related to career searches, college entrance, contemporary issues, and social concerns all the while focusing on a culminating senior paper, portfolio, and/or project. Seminar students, working with the tutors, are expected to participate in and eventually act as moderators for Socratic Seminars. These discussions move beyond didactic instruction and assist students in gaining multiple perspectives on texts, supporting arguments with clear reasoning and evidence, and developing their critical thinking skills to the extent necessary for success in college.

The AVID Seminar is for junior and senior students in their third and fourth years of AVID and is the culmination of the students' years in the AVID program.

COURSE TITLE: VITAL LINK

Length: One Semester

Grades: 11-12

Prerequisite: Keyboarding

Vital Link is a program designed to encourage students to experience opportunities that will better prepare them in making a successful transition from high school to the workplace and/or post-secondary education. Students will have an increased awareness of the relationship between classes and the workplace. Vital Link is an education-business partnership. The course will outline standards and expectations of employees. An “Employability Transcript” will be developed for each student. This transcript will identify students’ abilities and achievements that business has identified as necessary for successful employment. The transcript also includes student competency in career skills such as problem solving, conflict resolution, group participation, speaking, listening, and computer applications. The Vital Link program addresses and assesses students’ performance in these skills. Students explore and have opportunities to experience personal career choices and examine factors which contribute to vocational success. They demonstrate “hands-on” application of skills related to the career technical program of their choice through job shadowing experiences and a culminating final project.

COURSE TITLE: BASIC SKILLS (SERVE)

Length: Semester

Grades: 9-12

Prerequisite: Administrative Placement

This is an elective course designed to develop an awareness and basic understanding of critical thinking and problem-solving skills that are essential to successful functioning in contemporary society. Emphasis is placed on study skills, academic success, exploration of current social issues and appreciation of cultural diversity. This course may be repeated to a maximum of 20 credits.

COURSE TITLE: HUMANITIES

Length: One Year

Grades: 11-12

Prerequisite: None

This elective course, of a year’s length, is designed to develop an awareness and basic understanding of the universality of ideas and interdependence of the arts collectively called the humanities. Following all tenants of the California art framework, classroom instruction is designed to include auditory, kinesthetic, and visual experiences as it relates to the field of art. Students will explore historical contributions in order to observe, analyze, evaluate, and better appreciate the function of art in historical and contemporary societies. Student projects stress the study of color theory, form, medium, and time management as part of the creative and self-reflective process, as well as contribute to lifelong learning and career skills. The course may meet the fine arts requirement of the University of California.

COURSE TITLE: LEADERSHIP

Length: One Year

Grades: 9-12

Prerequisite: ASB/Administrator Approval

This course is designed for elected/appointed students leaders designated as qualified for enrollment by the principal or his designee. It includes instruction and application of self-awareness skills, interpersonal communication skills, problem solving and decision making, organization and administration of programs, written program evaluations, time management, school finance and budgeting, governing policies pertaining to ASB activities and parliamentary procedure. This course may be repeated for credit.

COURSE TITLE: PUBLICATIONS/ANNUAL (YEARBOOK) Grades: 9-12
Length: One Year Prerequisite: Teacher Recommendation

This elective course provides an in-depth study of student publishing through actual experience in publishing the school yearbook. It provides the students with the opportunity to assume responsibility for all aspects of the publication of a yearbook, including planning, developing a budget, cost analysis, financing, sales (advertising and product), planning the book's content, design, theme development, headline writing, caption writing and photography. This course may be repeated for credit.

COURSE TITLE: SCHOLASTIC APTITUDE TEST (SAT) ENRICHMENT Grades: 10-12
Length: One Semester Prerequisite: None

This elective course which is only offered during summer school provides a comprehensive review of the language arts and mathematics skills necessary for successful completion of the Scholastic Achievement Test. It also includes techniques in test taking skills designed to increase students' success.

COURSE TITLE: ACADEMIC COMPETITION Grades: 9-12
Length: One Semester Prerequisite: Teacher Approval

Eligible students are those selected for the various levels of the Orange County Academic Decathlon, Mock Trial, Science Olympiad, and other competitions. The instructor conducts study sessions, assists students to identify sources of information, conducts in-class competitions, and reviews rules and procedures of upcoming competitions. Course content varies in accordance with the various competitions. This course may be repeated for credit.

COURSE TITLE: DEPARTMENT AIDE/INSTRUCTIONAL AIDE Grades: 11-12
**Length: One Semester Prerequisite: Department Chair/Teacher/
Counselor Approval**

The course involves student work in offices on campus as well as experience in assisting teachers. The student will gain first-hand knowledge of all skills needed to be an effective office worker or teacher assistant. This instruction includes basic filing, word processing, telephone techniques, receptionist techniques, and operation of copying machines.

COURSE TITLE: LIBRARY AIDE Grades: 11-12
Length: One Semester Prerequisite: Counselor Approval

This course is designed to help students understand organization, operation and use of a library. It provides on-the-job operation experiences.

COURSE TITLE: OFFICE AIDE
Length: One Semester

Grades: 11-12
Prerequisite: Counselor Approval

This course provides students with fundamentals of office work, including service, telephone techniques, word processing, filing, operation of copying machines, and other activities as assigned by classified or certificated supervisors.

COURSE TITLE: REGIONAL OCCUPATIONS PROGRAM (R.O.P.) **Grades: 11-12**
Length: One Semester **Prerequisite: Counselor/Parent Approval.**
Must be 16 years of age.

In this program students obtain occupational skills while earning elective high school credit. It provides an excellent means for high school students to explore various occupational fields to broaden their career awareness and to determine if this field is one in which they would like to work. R.O.P. curriculum is open entry and open exit. Students exit when they have completed the goals established in their individualized training plan for the specific R.O.P. course. Fifteen (15) hours of class work equals one (1) credit.