

COURSE INFORMATION SHEET - 2017-2018 SCHOOL YEAR

ART (ALL .50 CREDIT)

LEVEL ONE	FEES	LEVEL TWO	FEES
0109 ART I	\$15.00	0702 FRENCH II	
0115 CERAMICS AND SCULPTURE	\$20.00	0712 SPANISH II (NEW STUDENTS ONLY)	
0130 STUDIO JEWELRY I	\$25.00		
0151 RHINO 3D	\$17.00		
LEVEL THREE			
0703 FRENCH III	\$17.50		
(WORKBOOK IS USED FOR FRENCH III, IV, & V)			
0713 SPANISH III	\$12.50		
(WORKBOOK IS USED FOR SPANISH III & IV)			
LEVEL FOUR			
0704 FRENCH IV	\$17.50		
0714 SPANISH IV	\$18.00		
LEVEL FIVE			
0705 FRENCH V	\$17.50		
0715 SPANISH V	\$18.00		
MATHEMATICS (ALL 1.00 CREDIT UNLESS NOTED)			
0821 ALGEBRA I			
0822 ALGEBRA II			
0824 ENRICHED ALGEBRA II			
0830 GEOMETRY			
0831 ENRICHED GEOMETRY			
0849 ADVANCED MATH			
0852 PRE-CALCULUS			
0855 APPLIED MATHEMATICS & FUNCTIONS			
0860 AP CALCULUS I			
0873 INTRODUCTORY STATISTICS & PROBABILITY			
(.50 CREDIT)			
MUSIC (ALL 1.00 CREDIT)			
0954 WOMEN'S CHORUS	\$10.00		
0953 MEN'S CHORUS	\$10.00		
0940 CONCERT BAND (PERMISSION OF DIRECTOR)			
0941 SYMPHONIC BAND (PERMISSION OF DIRECTOR)			
0942 JAZZ BAND (PERMISSION OF DIRECTOR)			
0952 POP ENSEMBLE (FIRE-N-ICE) (AUDITION)	\$5.25-\$9.25		
0960 ORCHESTRA			
(PERMISSION OF DIRECTOR AND AUDITION)			
SCIENCE (ALL 1.00 CREDIT)			
1103 INTEGRATED SCIENCE	\$16.00		
1110 BIOLOGY	\$10.00		
1111 AP BIOLOGY	\$25.00		
1112 ANATOMY & PHYSIOLOGY	\$19.00		
1121 CHEMISTRY	\$25.00		
1123 AP CHEMISTRY	\$25.00		
1131 AP PHYSICS I	\$10.00		
PHYS1110 GENERAL PHYSICS 1 (DUAL ENROLLMENT)	\$10.00		
1140 ENVIRONMENTAL SCIENCE	\$10.00		
1156 ORGANIC CHEMISTRY			
SOCIAL STUDIES (CREDITS AS NOTED)			
1220 AMERICAN HISTORY (1.00 CREDIT)			
1230 AMERICAN GOVERNMENT (.50 CREDIT)			
1260 ECONOMICS AND FINANCIAL LITERACY (.50 CREDIT)			
1261 ADVANCED ECONOMICS (.50 CREDITS)			
1270 MODERN WORLD HISTORY (1.00 CREDIT)			
1276 AP US HISTORY (1.00 CREDIT)			
HIST1110 AMERICAN HISTORY & CULTURE TO 1877 (DUAL ENROLLMENT)			
HIST1030 AMERICAN HISTORY & CULTURE FROM 1877 (DUAL ENROLLMENT)			
1277 AP US GOVERNMENT & POLITICS (1.00 CREDIT)			
1282 CONTEMPORARY WORLD ISSUES (.50 CREDIT)			
1290 PSYCHOLOGY			
1292 U.S. CIVIL WAR & RECONSTRUCTION			

LEXINGTON HIGH SCHOOL

CURRICULUM GUIDE 2017-2018



WWW.LEXINGTON.K12.OH.US

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WELCOME TO LEXINGTON HIGH SCHOOL

THE LEXINGTON HIGH SCHOOL COUNSELORS, FACULTY, AND ADMINISTRATION HAVE PREPARED THIS ANNUAL CURRICULUM GUIDE TO PROVIDE YOU, THE STUDENT, WITH THE INFORMATION NECESSARY TO PLAN YOUR UPCOMING ACADEMIC YEAR. INCLUDED YOU WILL FIND VALUABLE INFORMATION REGARDING GRADUATION REQUIREMENTS, COLLEGE-PREP RECOMMENDATIONS/REQUIREMENTS, AND GENERAL INFORMATION RELATED TO YOUR ACADEMIC CAREER SUCH AS SCHEDULING PROCEDURES, COLLEGE CREDIT PLUS, TESTING, GPA AND CLASS RANKING, AND AWARD CRITERIA. FURTHERMORE, THE CURRICULUM GUIDE PROVIDES A LIST OF AVAILABLE COURSES AND THEIR PREREQUISITE. A BRIEF DESCRIPTION OF EACH COURSE IS ALSO PROVIDED.

PLEASE READ THE CURRICULUM GUIDE CAREFULLY. PAY SPECIAL ATTENTION TO THE SECTIONS EXPLAINING GRADUATION AND COLLEGE REQUIREMENTS AND TO THOSE SECTIONS EXPLAINING AWARD ELIGIBILITY SO THAT YOU SELECT THE APPROPRIATE COURSES. IN ADDITION, PLEASE CONSULT THE COURSE PREREQUISITE; THE TEACHERS ESTABLISH THESE STANDARDS TO ENSURE A STUDENT HAS THE APPROPRIATE BACKGROUND TO SUCCEED IN A COURSE.

PLEASE SHARE THIS CURRICULUM GUIDE WITH YOUR PARENTS AND ASK THEM TO ASSIST YOU IN YOUR COURSE SELECTIONS. YOU SHOULD CONSIDER THEIR ADVICE AS WELL AS THE RECOMMENDATIONS OF YOUR COUNSELOR AND YOUR TEACHERS WHEN PLANNING YOUR CURRICULUM.

BE PREPARED TO CHOOSE YOUR COURSES ON AN ANNOUNCED REGISTRATION DATE. YOUR COUNSELOR WILL LOOK OVER YOUR SELECTIONS AND YOUR ACADEMIC HISTORY. YOU WILL THEN HAVE AN INDIVIDUAL SESSION WITH YOUR COUNSELOR TO DISCUSS YOUR CHOICES BEFORE THEY ARE FINALIZED.

PLAN THOUGHTFULLY, AND HAVE A GREAT YEAR.

TO REGISTER WITH THE NAIA ELIGIBILITY CENTER

STUDENTS CAN ACCESS THE NAIA WEBSITE AT [HTTP://WWW.PLAYNAIA.ORG](http://www.playnaia.org) AT THE TIME OF THIS PUBLICATION, THE COST IS **\$75.00**.

- CLICK ON "ARE YOU A STUDENT"
- CREATE YOUR ACCOUNT
- ONCE YOU CONFIRM YOUR E-MAIL ADDRESS, A CONFIRMATION CODE WILL BE SENT TO THIS EMAIL.
- YOU'LL BE INSTRUCTED TO ENTER THIS CONFIRMATION CODE TO COMPLETE YOUR REGISTRATION.

IF YOU HAVE ANY QUESTIONS PLEASE SEE YOUR COUNSELOR.

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NCAA ELIGIBILITY CENTER REQUIREMENTS

IF A STUDENT THINKS THAT HE/SHE MAY HAVE THE OPPORTUNITY TO PLAY DIVISION I OR II ATHLETICS AT THE COLLEGE LEVEL, HE MUST BE REGISTERED WITH THE NCAA CLEARINGHOUSE AND MEET THE NCAA ACADEMIC REQUIREMENTS. TO MEET THE ACADEMIC REQUIREMENTS OF THE ELIGIBILITY CENTER, A STUDENT MUST DO THE FOLLOWING:

- 1) GRADUATE FROM HIGH SCHOOL
- 2) EARN A GRADE-POINT AVERAGE OF AT LEAST 2.3 ON A 4.00 SCALE IN A CORE CURRICULUM OF AT LEAST 16 ACADEMIC COURSES. THE FOLLOWING CHART OUTLINES THE CORE UNITS REQUIRED FOR THE NCAA CERTIFICATION:

	DIV. I	DIV. II
ENGLISH	4 YEARS	3 YEARS
MATH (MUST INCLUDE ALG. I & HIGHER)	3 YEARS	2 YEARS
SCIENCE (INCLUDES 1 LAB SCIENCE)	2 YEARS	2 YEARS
SOCIAL SCIENCE	2 YEARS	2 YEARS
<hr/>		
ADDITIONAL ENGLISH, MATH, SCIENCE	1 YEAR	3 YEARS
<hr/>		
ADDITIONAL CORE (ENGLISH, MATH, SCIENCE WORLD LANGUAGE, PHILOSOPHY, AND NON-DOCTRINAL RELIGION)	4 YEARS	4 YEARS
<hr/>		
TOTAL CORE UNITS REQUIRED	16	16

- 3)A. FOR DIVISION I THE MINIMUM GRADE-POINT AVERAGE IN THE 16 CORE COURSES AND REQUIRED ACT OR SAT SCORE VARY ACCORDING TO THE INITIAL-ELIGIBILITY INDEX. SEE YOUR COUNSELOR FOR A COPY OF THE INDEX. YOUR COUNSELOR ALSO HAS A LIST OF THE APPROVED COURSES AT LEXINGTON HIGH SCHOOL FOR THE CLEARINGHOUSE CORE CURRICULUM. ***NCAA DIVISION I WILL REQUIRE 10 CORE COURSES TO BE COMPLETED PRIOR TO THE SEVENTH SEMESTER (SEVEN OF THE 10 MUST BE A COMBINATION OF ENGLISH, MATH OR NATURAL OR PHYSICAL SCIENCE). THESE 10 COURSES BECOME "LOCKED IN" AT THE SEVENTH SEMESTER AND CANNOT BE RETAKEN FOR GRADE IMPROVEMENT.***
- B. FOR DIVISION II THE MINIMUM CORE GRADE-POINT AVERAGE IS A 2.2 ON A 4.00 SCALE. STUDENTS MUST EARN SUM SCORES OF AT LEAST 68 ON THE ACT OR A COMBINED SCORE OF AT LEAST 820 ON THE SAT.

A STUDENT-ATHLETE NEEDS TO BE AWARE OF THESE GUIDELINES AND SHOULD CONSIDER THEM THROUGHOUT HIGH SCHOOL TO ENSURE ELIGIBILITY SHOULD HE BE GIVEN THE OPPORTUNITY TO PARTICIPATE IN DIVISION I OR II COLLEGE ATHLETICS. FOR MORE INFORMATION REGARDING THE RULES, PLEASE GO TO [WWW.NCAA.ORG](http://www.ncaa.org). CLICK ON "RULES COMPLIANCE" THEN "ELIGIBILITY".

TO REGISTER WITH THE NCAA ELIGIBILITY CENTER:

STUDENTS CAN ACCESS THE ELIGIBILITY CENTER WEBSITE AT [HTTP://ELIGIBILITYCENTER.ORG](http://eligibilitycenter.org). AT THIS TIME OF PUBLICATION, THE COST IS **\$80.00**.

- ◆ CREATE YOUR ACCOUNT AND REMEMBER TO RECORD YOUR AUTHORIZATION CODE.
- ◆ REMEMBER TO PRINT OFF AND BRING THE "TRANSCRIPT RELEASE FORM" WHEN REQUESTING A
- ◆ TRANSCRIPT FROM STUDENT SERVICES.

IF YOU HAVE ANY QUESTIONS YOU SHOULD SEE YOUR COUNSELOR. ***A STUDENT SHOULD SEEK THIS INITIAL CERTIFICATION DURING THE FALL OF HIS/HER JUNIOR YEAR.***

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GRADUATION REQUIREMENTS THE LEXINGTON BOARD OF EDUCATION HAS ADOPTED THESE GRADUATION REQUIREMENTS: **TOTAL CREDITS: 21**

CLASS STANDING
SOPHOMORE: 5 CREDITS AND 1 COMPLETED YEAR
JUNIOR: 10 CREDITS AND 2 COMPLETED YEARS
SENIOR: 15 CREDITS AND 3 COMPLETED YEARS

REQUIRED COURSEWORK

ENGLISH / 4 UNITS ENGLISH 9, 10, 11, AND 12.

MATHEMATICS / 4 UNITS ALGEBRA, GEOMETRY, ALGEBRA II AND A FOURTH MATH CREDIT .

SCIENCE / 3 UNITS INTEGRATED SCIENCE, BIOLOGY, AND CHEMISTRY OR ANATOMY OR ENVIRONMENTAL SCIENCE; PHYSICS FOR THOSE STUDENTS PURSUING A SCIENCE RELATED MAJOR IN COLLEGE (K.E. PRE-MED, PRE-DENTAL, ENGINEERING, ETC.).

QUALIFIED STUDENTS TAKING BIOLOGY IN GRADE 9 MUST TAKE CHEMISTRY IN GRADE 10. THEIR THIRD CREDIT MAY BE PHYSICS.

SOCIAL STUDIES / 4 UNITS REQUIRED: WORLD HISTORY, AMERICAN HISTORY OR AP US HISTORY, ECONOMICS OR ADVANCED ECONOMICS(.50 CR), AMERICAN GOVERNMENT (.50 CR) OR AP GOVERNMENT. STUDENTS MAY GET THEIR FOURTH UNIT FROM ADVANCED PLACEMENT OR SOCIAL STUDIES ELECTIVES

HEALTH / PHYS ED / 1.0 UNITS (.50 CR) IN PHYS. ED TAKEN IN GR 9 & 10; (.50 CR) IN HEALTH.

LIVING SKILLS (.50 CR)

FINE ARTS / (1)* ART, MUSIC

ELECTIVE CREDITS TO COMPLEMENT REQUIRED COURSEWORK AND TO COMPLETE A FULL-TIME SCHEDULE, STUDENTS WILL SELECT **3.5** UNITS OF ELECTIVE COURSEWORK FROM A VARIETY OF ELECTIVE CLASSES.

FLEXIBLE CREDIT FLEXIBLE CREDIT OPTIONS ARE AVAILABLE TO ALL STUDENTS IN ACCORDANCE WITH THE OHIO REVISED CODE AND LOCAL SCHOOL BOARD POLICY. FLEXIBLE CREDIT REQUESTS WILL BE DIRECTED TO THE BUILDING PRINCIPAL.

OHIO END OF COURSE EXAMS ALL GRADUATING SENIORS WILL BE RESPONSIBLE FOR OBTAINING 18 GRADUATION POINTS FROM THE FOLLOWING EXAMS; ENGLISH-LANGUAGE ARTS I AND II, ALGEBRA I, GEOMETRY, BIOLOGY, AMERICAN HISTORY, AMERICAN GOVERNMENT AS WELL AS MEET ALL CURRICULUM REQUIREMENTS IN ORDER TO EARN AN OHIO DIPLOMA.

SENIORS

CHECK WITH THE STUDENT SERVICE CENTER EACH MONTH FOR SCHOLARSHIP INFORMATION AND DEADLINES. THIS INFORMATION CAN BE FOUND ON THE STUDENT SERVICES CENTER WEBSITE

FALL

⇒ AUGUST / SEPT. MEET WITH YOUR COUNSELOR TO GO OVER YOUR COLLEGE APPLICATIONS AND TEST SCORES. YOUR COUNSELOR HAS A PACKET OF INFORMATION FOR YOU THAT WILL HELP GUIDE YOU THROUGH THE ENTIRE APPLICATION AND FINANCIAL AID PROCESS.

REGISTER TO TAKE THE ACT. REGISTRATION FOR THE SEPTEMBER TEST WILL BE IN EARLY AUGUST

⇒ SEPTEMBER/
OCTOBER

ATTEND COLLEGE FAIR OSU - MANSFIELD. COMPLETE ON-LINE COLLEGE APPLICATIONS AND REQUEST OFFICIAL TRANSCRIPTS FOR ADMISSIONS. **NOTE: MANY COLLEGES ARE NOW USING THE COMMON APPLICATION (WWW.COMMONAPP.ORG).**

PRIME TIME FOR ACT/SAT TESTING - REGISTRATION DEADLINE IS EARLY SEPTEMBER FOR OCTOBER TESTING.

APPLY FOR FINANCIAL AID. WWW.FAFSA.ED.GOV
FILE: * FAFSA (NO EARLIER THAN JANUARY 1ST BUT AS SOON AFTER THAT AS POSSIBLE) . REMEMBER, IT'S FREE TO FILE YOUR FAFSA.

⇒ NOVEMBER

EARLY ACTION DEADLINES –MAKE SURE YOU CHECK YOUR COLLEGE'S REQUIREMENTS. SEE ARMED SERVICE RECRUITERS FOR DELAYED ENLISTMENT OPPORTUNITIES.
ATTEND COLLEGE FINANCIAL AID NIGHT IN THE LHS AUDITORIUM @7 PM. DATES TO BE ANNOUNCED. PAY CLOSED ATTENTION TO APPLICATION AND SCHOLARSHIP DEADLINES.

WINTER

⇒ DECEMBER

FINAL ACT ATTEMPT, IF NEEDED

SPRING

⇒ JANUARY-
MARCH

FINANCIAL AID DEADLINES OCCUR DEPENDING ON SCHOOL. **PAY VERY CLOSE ATTENTION TO FINANCIAL AID AND SCHOLARSHIP DEADLINES.**

⇒ BY MAY 1ST

MAKE DECISION ON WHERE YOU WILL ATTEND. LET ALL COLLEGES THAT HAVE ACCEPTED YOU KNOW WHETHER YOU WILL ATTEND OR NOT.

⇒ JUNE

STUDENT MUST REQUEST A FINAL TRANSCRIPT BE SENT FROM THE STUDENT SERVICES CENTER TO THE SCHOOL THEY WILL ATTEND.

POST-HIGH SCHOOL PLANNING CALENDAR

FRESHMAN DEVELOP GOOD STUDY HABITS. *REMEMBER THAT YOU ARE NOW ESTABLISHING YOUR HIGH SCHOOL GPA (GRADE POINT AVERAGE). ALL FRESHMEN WILL RECEIVE CLASSROOM GUIDANCE IN THE SPRING FOR COLLEGE PLANNING. CONTINUE USING OHIO MEANS JOBS FOR INTEREST ASSESSMENTS.

SOPHOMORES

FALL TAKE PSAT-NMSQT (FOR PRACTICE) IF PLANNING TO ENTER THE NATIONAL MERIT SCHOLARSHIP COMPETITION IN JUNIOR YEAR.

WINTER & SPRING SOPHOMORES SHOULD BE EXPLORING POSSIBLE CAREERS AND CHOOSING AN EDUCATIONAL PATH. THE PATHS ARE: VOCATIONAL, TECH-PREP, 2-YEAR COLLEGE PREP AND 4-YEAR COLLEGE PREP. USE OF THE OHIO MEANS JOBS IS ONE RESOURCE THAT STUDENTS HAVE FOUND TO BE BENEFICIAL. USERS CAN ACCESS OCCUPATIONAL SORTS, RESEARCH COLLEGES AND UNIVERSITIES AS WELL AS PROGRAMS OF STUDY; CHECK OUT OPTIONS FOR FINANCIAL AIDE; AND ASSESS SKILLS AND INTERESTS IN RELATION TO POTENTIAL OCCUPATIONS . USERS ALSO ACCESS INFORMATION REGARDING TUITION; COSTS, HOUSING OPTIONS, FINANCIAL AID PROGRAMS AND SERVICES OFFERED BY THOUSANDS OF TWO AND FOUR YEAR SCHOOLS. MAKE SURE TO ACCESS OMJ AT WWW.OHIOMEANSJOBS.COM.

CAN

JUNE TAKE ACT (FOR PRACTICE) - OPTIONAL

JUNIORS

JUNIORS SHOULD BE PURSUING ONE OF THE FOLLOWING EDUCATIONAL PATHS: VOCATIONAL, TECH-PREP, 2-YEAR COLLEGE PREP, OR 4-YEAR COLLEGE PREP AND EXPLORING COLLEGE AND CAREER ALTERNATIVES. COLLEGE JUMP START PROGRAM WILL BE COMPLETED BY ALL JUNIORS PRIOR TO SCHEDULING TO GO OVER STUDENT OPTIONS AFTER HIGH SCHOOL, STUDENT TIMELINES, AND COLLEGE READINESS INFORMATION ALONG WITH VALUABLE POST SECONDARY INFORMATION.

FALL
 * CONSULT INFORMATION IN STUDENT SERVICES CENTER
 * USE 2 COLLEGE VISITATION DAYS
 * TALK TO VISITING COLLEGE REPRESENTATIVES
 * USE OHIO MEANS JOBS IN STUDENT SERVICES, LIBRARY AND COMPUTER LAB.

SEPTEMBER ATTEND COLLEGE FAIR AT OSU - MANSFIELD

OCTOBER PSAT-NMSQT (OPTIONAL-SEE TESTING INFORMATION ON PRECEDING PAGE.)
 SIGN UP TO SEE COLLEGE RECRUITERS IN STUDENT SERVICES.

NOVEMBER SIGN-UP TO SEE COLLEGE RECRUITERS IN STUDENT SERVICES OR USE THE ON-LINE CALENDAR. ATTEND JUNIOR JUMP START WORKSHOP

DECEMBER TAKE ACT

SPRING TAKE ACT IN FEBRUARY, APRIL, AND/OR JUNE TEST DATES
 TAKE SAT IF NECESSARY

FEBRUARY - JUNE ACT/SAT REGISTER ONLINE AT WWW.ACTSTUDENT.ORG
 CONTINUE CAREER AND COLLEGE EXPLORATION USING METHODS LISTED ABOVE
 ATTEND SPRING COLLEGE FAIR AT ASHLAND UNIVERSITY

PCTC REQUIREMENTS

PIONEER CAREER AND TECHNOLOGY STUDENTS HAVE THE SAME NUMBER OF REQUIRED CREDITS (21) UNDER "GRADUATION REQUIREMENTS". HOWEVER, THE SPECIFIC COURSEWORK WILL VARY BASED ON A STUDENT'S SPECIFIC PROGRAM OF STUDY. PCTC STUDENTS MUST ALSO EARN A VOCATIONAL CERTIFICATE TO GRADUATE FROM LEXINGTON.

EARLY GRADUATION

STUDENTS WHO WISH TO GRADUATE EARLY MUST REGISTER WITH THE STUDENT SERVICES CENTER BY JUNE 1ST OF THEIR SOPHOMORE YEAR AND BE APPROVED BY THE PRINCIPAL.

GRADUATION WITH HONORS

LEXINGTON HIGH SCHOOL DOES NOT RECOGNIZE A VALEDICTORIAN OR A SALUTORIAN. INSTEAD, THE LEXINGTON BOARD OF EDUCATION RECOGNIZES STUDENTS AS "HIGH HONOR GRADUATES", STUDENTS WITH A CUMULATIVE WEIGHTED GRADE POINT AVERAGE OF AT LEAST 3.75. "HONOR GRADUATES" HAVE A CUMULATIVE WEIGHTED GRADE-POINT AVERAGE OF 3.5—3.74. ALL HIGH HONOR AND HONOR GRADUATES RECEIVE MEDALS.

STATE OF OHIO DIPLOMA WITH HONORS

COLLEGE PREPARATORY STUDENTS WHO COMPLETE THE REQUIRED COURSEWORK **MUST MEET ANY SEVEN OF THE FOLLOWING EIGHT CRITERIA:**

- FOUR UNITS OF ENGLISH
- FOUR UNITS OF MATHEMATICS THAT INCLUDE ALGEBRA I, ALGEBRA II, AND GEOMETRY PLUS ANOTHER HIGHER LEVEL COURSE
- AT LEAST FOUR UNITS OF SCIENCE THAT INCLUDE ONE UNIT OF PHYSICS AND ONE UNIT OF CHEMISTRY
- FOUR UNITS OF SOCIAL STUDIES
- EITHER THREE UNITS OF ONE FOREIGN LANGUAGE OR TWO UNITS EACH OF TWO FOREIGN LANGUAGES
- ONE UNIT OF FINE ARTS
- MAINTAIN AN OVERALL HIGH SCHOOL GRADE POINT AVERAGE OF AT LEAST 3.5 ON A 4.0 SCALE UP TO THE LAST GRADING PERIOD OF THE SENIOR YEAR
- OBTAIN A COMPOSITE SCORE OF 27 ON THE ACT TEST OR AN EQUIVALENT COMPOSITE SCORE OF 1210 ON THE SAT WITH NO REGARD FOR ITS WRITING PORTION. (THIS MAINTAINS THE TWO SCORES COMPARABILITY AS QUALIFYING CRITERIA.)

STATE OF OHIO DIPLOMA WITH HONORS (CONTINUED)

THE VOCATIONAL STUDENT WHO COMPLETES AN INTENSIVE CAREER-TECHNICAL EDUCATION IN HIGH SCHOOL MUST MEET **ANY SEVEN** OF THE FOLLOWING EIGHT CRITERIA:

1. FOUR UNITS OF ENGLISH WHICH MAY INCLUDE ONE UNIT OF APPLIED COMMUNICATION
2. FOUR UNITS OF MATHEMATICS THAT INCLUDE ALGEBRA I, ALGEBRA II, AND GEOMETRY PLUS ANOTHER LEVEL COURSE
3. FOUR UNITS OF SCIENCE INCLUDING ONE UNIT OF PHYSICS AND ONE UNIT OF CHEMISTRY
4. FOUR UNITS OF SOCIAL STUDIES
5. FOUR UNITS IN THE STUDENT'S CAREER-TECHNICAL EDUCATION CURRICULUM
6. ACHIEVE THE PROFICIENCY BENCHMARK ESTABLISHED FOR THE OHIO CAREER—TECHNICAL COMPETENCY ASSESSMENT
7. MAINTAIN AN OVERALL HIGH SCHOOL GRADE POINT AVERAGE OF AT LEAST 3.5 ON A 4.0 SCALE UP TO THE LAST GRADING PERIOD OF THE SENIOR YEAR
8. OBTAIN A COMPOSITE SCORE OF 27 ON THE ACT TEST OR AN EQUIVALENT COMPOSITE SCORE OF 1210 ON THE SAT TEST.

NOTE REGARDING GRADUATION REQUIREMENTS

STUDENTS HAVE THE RESPONSIBILITY TO SEE THAT REQUIREMENTS FOR GRADUATION ARE MET. THE HIGH SCHOOL PERSONNEL MAKE EVERY EFFORT TO KEEP CURRENT RECORDS AND TO KEEP STUDENTS AND PARENTS INFORMED ABOUT PROGRESS TOWARD COMPLETING THE WORK NECESSARY TO MEET THESE REQUIREMENTS. HOWEVER, STUDENTS MUST MAKE SURE THAT THEY ARE ACQUAINTED WITH THE NECESSARY REQUIREMENTS TO MEET THIS GOAL BECAUSE THIS TASK IS ULTIMATELY THEIR RESPONSIBILITY. ANY REQUIRED DEFICIENCIES MUST BE COMPLETED PRIOR TO GRADUATION. PLEASE NOTE THAT GRADUATION REQUIREMENTS ARE MINIMUM REQUIREMENTS. MOST STUDENTS WILL HAVE EARNED MORE THAN THE MINIMUM REQUIREMENTS AT THE CLOSE OF THEIR SENIOR YEAR.

TESTING

OHIO MEANS JOBS (OMJ) IS A NEW RESOURCE RELEASED BY THE STATE OF OHIO TO HELP STUDENTS PREPARE FOR CAREER, COLLEGE, AND EMPLOYMENT BEYOND HIGH SCHOOL. STUDENTS GRADES 9-12 WILL BE TRAINED ON HOW TO LOGON AND ACCESS THE RESOURCES OHIO MEANS JOBS HAS TO OFFER. EACH YEAR THEY WILL EXPLORE DIFFERENT ASPECTS, FROM CAREER ASSESSMENTS, OCCUPATIONAL SORTS, RESEARCH COLLEGES, INTEREST INVENTORIES AND RESUME FORMATTING. STUDENTS ARE ABLE TO SAVE THEIR SEARCHES IN THEIR BACKPACK AND CONTINUE AT A LATER TIME.

ASVAB: THE ASVAB IS A NATIONALLY-NORMED, MULTI-APTITUDE TEST BATTERY THAT HAS BEEN PROVIDED TO HIGH SCHOOLS AND POST-SECONDARY SCHOOLS SINCE 1968. THE ASVAB WAS DEVELOPED BY THE US DEPARTMENT OF DEFENSE. THE ASVAB CAREER EXPLORATION PROGRAM WAS DEVELOPED WITH INPUT FROM A PANEL OF CAREER DEVELOPMENT EXPERTS AND DESIGNED TO ENCOURAGE STUDENTS TO INCREASE THEIR LEVEL OF SELF-KNOWLEDGE AND TO UNDERSTAND HOW THAT INFORMATION COULD BE LINKED TO CIVILIAN AND MILITARY OCCUPATIONAL CHARACTERISTICS. THE ASVAB PROGRAM RECENTLY WAS RE-DESIGNED TO BE HELPFUL TO VIRTUALLY ALL STUDENTS, WHETHER THEY ARE PLANNING ON IMMEDIATE EMPLOYMENT AFTER HIGH SCHOOL IN CIVILIAN OR MILITARY OCCUPATIONS, OR FURTHER EDUCATION AT A UNIVERSITY, COMMUNITY COLLEGE, OR VOCATIONAL INSTITUTION.

P.S.A.T. A PRACTICE OPPORTUNITY FOR COLLEGE ADMISSIONS TESTING FOR JUNIORS, THIS TEST IS ALSO USED BY THE NATIONAL MERIT SCHOLARSHIP CORP. AND MANY PRIVATE COMPANIES FOR SCHOLARSHIPS. THIS TEST IS GIVEN ONLY ONCE A YEAR. THE DATE IS ANNOUNCED YEARLY, BUT IT IS USUALLY GIVEN IN MID-OCTOBER. A STUDENT MAY TAKE THE TEST MORE THAN ONCE, BUT IT IS ONLY COUNTED FOR SCHOLARSHIPS AS A JUNIOR STUDENT.

AP TESTING: AP TESTING OCCURS DURING THE FIRST TWO WEEKS OF MAY. THROUGH AP EXAMS, YOU HAVE THE OPPORTUNITY TO EARN CREDIT OR ADVANCED STANDING AT MOST OF THE NATION'S COLLEGES AND UNIVERSITIES. AP EXAMS ARE AVAILABLE TO ANYONE EVEN IF YOU HAVE NOT TAKEN THE AP COURSE. THE EXAM FEE IS APPROXIMATELY \$84.00

ACT AND SAT: MOST TWO-YEAR AND ALL FOUR-YEAR COLLEGES REQUIRE ONE OF THESE TESTS. ON-LINE REGISTRATION INFORMATION AND TEST DATES ARE AVAILABLE IN THE STUDENT SERVICES CENTER. **ACT AND SAT REQUIRES ALL STUDENTS TO REGISTER ON-LINE. LEXINGTON HIGH SCHOOL IS AN ACT TESTING SITE. REGISTRATION DEADLINES DO APPLY. LATE REGISTRATION WILL RESULT IN A LATE FEE CHARGE BY ACT.** *IT SHOULD BE NOTED THAT SOME COLLEGES NOW REQUIRE THE WRITING ASSESSMENT.

SAT II: THESE SUBJECT TESTS ARE REQUIRED BY SOME COMPETITIVE SCHOOLS. WHICH ONE YOU TAKE VARIES ON YOUR MAJOR AND THE SCHOOL'S REQUIREMENTS.

COLLEGE-PREPARATORY CURRICULUM COMPONENTS

(ENDORSED BY THE COUNCIL OF ADMISSION OFFICERS OF THE STATE-ASSISTED UNIVERSITIES IN OHIO)

ENGLISH:

COLLEGE PREPARATORY ENGLISH SHOULD DEVELOP A BASIC COMMAND OF LANGUAGE, SENTENCE, PARAGRAPH, AND ESSAY SKILLS THROUGH READING AND WRITING. KEY WRITING CHARACTERISTICS SHOULD BE COVERED, INCLUDING LANGUAGE AND DICTION, GRAMMAR AND MECHANICS, SENTENCE STRUCTURE, PARAGRAPH STRUCTURE, AND WRITING ORGANIZATION, AND SHOULD DEVELOP STRONG COMMUNICATION SKILLS IN EXPOSITORY WRITING USING EDITED AMERICAN ENGLISH. ANALYSIS OF LITERATURE MIGHT ENCOMPASS THESIS RECOGNITION, USE OF PARAPHRASING, ANALYZING AND EVALUATING IDEAS, AND RELATING PERSONAL VIEWPOINTS THROUGH DISCUSSION. ANY STUDY OF LITERATURE WOULD PROBABLY ALSO INVOLVE THE ANALYSIS OF CHARACTER, PLOT, IMAGE, SYMBOLISM, THEME, POINT OF VIEW, AND STRUCTURE. STUDENTS SHOULD STUDY SIGNIFICANT WORKS OF AMERICAN AND WORLD LITERATURE, BECOME PROFICIENT READERS, AND LEARN BASIC LIBRARY RESEARCH PROCESSES AND STRATEGIES.

MATHEMATICS:

COLLEGE PREPARATORY MATHEMATICS MINIMUM CORE REQUIRED FOR GENERAL ADMISSION BY STATE-ASSISTED INSTITUTIONS OF HIGHER EDUCATION IN OHIO AND ENDORSED BY THE OHIO SECTION OF THE MATHEMATICAL ASSOCIATION OF AMERICA, ESSENTIALLY CONSISTS OF THREE UNITS, BASED UPON THE TRADITIONAL SEQUENCE OF ALGEBRA I, GEOMETRY, AND ALGEBRA II. ALL COLLEGE-INTENDING STUDENTS, REGARDLESS OF THEIR PERCEIVED INTERESTS OR PROSPECTIVE MAJORS, SHOULD EXPERIENCE MATHEMATICS IN THEIR SENIOR YEAR SO THAT THEY MAY BE READY FOR THE COMPETITIVE CHALLENGES THAT LIE AHEAD. A FOURTH UNIT OF COLLEGE-PREPARATORY MATHEMATICS IS REQUIRED.

SCIENCE:

COLLEGE PREPARATORY SCIENCE COURSE WORK SHOULD STRESS AN INQUIRY METHOD OF LEARNING THAT WILL ALLOW THE STUDENT TO SYNTHESIZE SCIENTIFIC IDEAS THROUGH PROBLEM SOLVING. UTILIZATION OF FACTS IS MOST IMPORTANT. COURSES SHOULD STRIVE FOR AN ANALYTICAL APPROACH THAT IS OBJECTIVE AND LOGICAL. COURSE CONTENT SHOULD COVER IDENTIFYING AND DEFINING SCIENTIFIC PROBLEMS, SUGGESTING HYPOTHESES, INTERPRETING DATA, DOING QUANTITATIVE AND SYMBOLIC REASONING, MAKING COMPARISONS, DISTINGUISHING FACTS FROM HYPOTHESES AND OPINIONS, AND APPLYING SCIENTIFIC PRINCIPLES AND LAWS. SIGNIFICANT STUDENT LABORATORY EXPERIENCES SHOULD BE PART OF EACH COURSE TO REINFORCE CONCEPTS. SUCH EXPLORATORY AND INVESTIGATIVE ACTIVITIES SHOULD EMPLOY OBSERVATION, MEASUREMENT, QUANTIFICATION, AND ESTIMATION SKILLS. IT IS ESSENTIAL THAT COURSE WORK ALLOW THE STUDENTS TO BECOME FAMILIAR WITH SCIENTIFIC VOCABULARY THROUGH READING AND THROUGH THE WRITING OF REPORTS.

SOCIAL STUDIES:

COLLEGE PREPARATORY SOCIAL STUDIES SHOULD ENABLE STUDENTS TO DEVELOP AN IDEA OF HOW THEIR CULTURAL HERITAGE EVOLVED. IT SHOULD PROVIDE A KNOWLEDGE OF HOW THEY CAN PARTICIPATE IN OUR DEMOCRATIC PROCESS AND HOW DEMOCRATIC INSTITUTIONS INTERACT WITH OUR FREE ENTERPRISE SYSTEM. SUCH COURSE WORK SHOULD FACILITATE THE DEVELOPMENT OF PROBLEM-SOLVING LEARNING SKILLS, OBJECTIVE ANALYSIS, HISTORICAL RESEARCH AND WRITING, INQUIRY TECHNIQUES, DISCUSSION SKILLS, TOLERANCE OF CONFLICTING VIEWPOINTS, NOTE-TAKING, AND ESSAY COMPOSITION. COURSES SHOULD ALSO PROVIDE IN-DEPTH STUDY, INCORPORATE SIGNIFICANT LIBRARY USAGE, AND EMPHASIZE EXTENSIVE RESEARCH REPORT WRITING.

WORLD LANGUAGES:

WORLD LANGUAGE COURSE WORK SHOULD FOCUS ON LISTENING, SPEAKING, READING, AND WRITING SKILLS. A FUNDAMENTAL GROUNDING IN GRAMMAR AND SYNTAX IS DESIRED. CONVERSATIONAL EXPERIENCE WITH A FIRM UNDERSTANDING OF SUCH DISCOURSE IS IMPORTANT. IN ADDITION, STUDENTS SHOULD BE ABLE TO EXPRESS THEIR THOUGHTS IN WRITTEN FORM IN THE CHOSEN FOREIGN LANGUAGE.

ARTS:

THE ARTS EXPERIENCES FOR HIGH SCHOOL STUDENTS PREPARING FOR COLLEGE SHOULD INCLUDE ESSENTIAL CONTENT IN THE FOLLOWING: (A) CREATING OR PERFORMING WORKS OF ART, (B) UNDERSTANDING THE HISTORY OF THE ARTS, AND/OR (C) RESPONDING TO THE AESTHETIC FEATURES OF WORKS OF ART.

WEIGHTED COURSEWORK

A "WEIGHTED" COURSE AT LEXINGTON HIGH SCHOOL IS AN UPPER LEVEL COURSE, A COURSE THAT IS ACCELERATED IN CONTENT, PACE, AND EXPECTATIONS. ACROSS THE CURRICULUM A "WEIGHTED" COURSE WILL AFFORD STUDENTS OPPORTUNITIES TO STUDY THE CONTENT AREA MORE THOROUGHLY, TO ENHANCE TECHNOLOGY USE, TO CONDUCT INDEPENDENT RESEARCH, AND TO BE MORE REALISTICALLY PREPARED FOR THE RIGORS OF POST-SECONDARY STUDY. PRIOR TO ENROLLING IN A "WEIGHTED" COURSE, STUDENTS MAY BE REQUIRED TO SIGN A CONTRACT ENSURING THEIR COMMITMENT TO THE COURSE REQUIREMENTS AND EXPECTATIONS. A "WEIGHTED" COURSE WILL CONTINUE TO RECEIVE EXTRA VALUE IN THE WEIGHTED GPA USED FOR GRADUATION HONORS PURPOSES.

THE FOLLOWING COURSES ARE WEIGHTED:

ADVANCED ENGLISH 9	AP CHEMISTRY
ADVANCED ENGLISH 10	AP PHYSICS
AP ENGLISH LIT. & COMP.	FRENCH IV & V
AP ENGLISH LANG. & COMP.	SPANISH IV & V
AP US GOV'T & POLITICS	ENRICHED GEOMETRY
AP US HISTORY	ENRICHED ALGEBRA II
ADVANCED ECONOMICS	PRE-CALCULUS
AP BIOLOGY	AP CALCULUS
ALL DUAL CREDIT COURSES	ALL COLLEGE CREDIT PLUS COURSES

THE FOLLOWING POINTS ARE ASSIGNED TO FINAL GRADES:

<u>NON-WEIGHTED 4.0</u>	<u>WEIGHTED 5.0</u>
A = 4.0 POINTS	A = 5.0 POINTS
B = 3.0 POINTS	B = 4.0 POINTS
C = 2.0 POINTS	C = 3.0 POINTS
D = 1.0 POINTS	D = 2.0 POINTS
F = 0.0 POINTS	F = 0.0 POINTS

THESE POINTS ARE FOR 1.00 CREDIT COURSES. AN "A" IN A 0.50 CREDIT COURSE RECEIVES 1/2 THE POINTS ; A 0.25 CREDIT COURSE RECEIVES 1/4 OF THE POINT VALUE. FOR EXAMPLE, AN "A" IN A 0.50 CREDIT COURSE RECEIVES 2.0 POINTS AND AN "A" IN A 0.25 CREDIT COURSE RECEIVES 1.00 POINT WHEN FIGURING THE GPA.

LEXINGTON HIGH SCHOOL KEEPS A NON-WEIGHTED GPA (ON A 4.0 SCALE) AND RANK AND A WEIGHTED GPA (ON A 5.0 SCALE) AND RANK. **(THE CUMULATIVE WEIGHTED GPA IS USED FOR GRADUATION HONORS.)**

THE NON-CUMULATIVE WEIGHTED SIX WEEKS GPA IS USED FOR HONOR ROLL/MERIT ROLL. ONLY FINAL GRADES ARE USED FOR GPA PURPOSES.

THE FOLLOWING EXAMPLE ILLUSTRATES THE PROCESS FOR FIGURING A **Non-WEIGHTED** GPA:

<u>COURSE</u>	<u>GRADE</u>	<u>CREDIT</u>	<u>POINTS</u>
ENGLISH 12	A	1	4.00
WORLD STUDIES	A	1	4.00
SPANISH IV	B	1	3.00
PRE-CALCULUS	B	1	3.00
PHYSICS	B	1	3.00
WEIGHT TRAINING	A	.50	2.00
CERAMICS & SCULPTURE	B	.50	1.50
TOTAL		6.00	20.50

20.50 POINTS DIVIDED BY 6.0 (ATTEMPTED CREDITS) = 3.417

THE FOLLOWING EXAMPLE ILLUSTRATES THE PROCESS FOR FIGURING A **WEIGHTED** GPA:

<u>COURSE</u>	<u>GRADE</u>	<u>CREDIT</u>	<u>POINTS</u>
ENGLISH 12	A	1	4.00
WORLD HISTORY	A	1	4.00
SPANISH IV	B	1	4.00
PHYSICS	B	1	4.00
PRE-CALCULUS	B	1	4.00
WEIGHT TRAINING	A	.50	2.00
CERAMICS & SCULPTURE	B	.50	1.50
TOTAL		6.00	23.50

23.50 POINTS DIVIDED BY 6.0 (ATTEMPTED CREDITS) = 3.917

GENERAL INFORMATION

- ◆ A STUDENT **MUST PASS** AMERICAN HISTORY BEFORE ENROLLING IN AMERICAN GOVERNMENT UNLESS THE STUDENT HAS PREVIOUSLY FAILED THE HISTORY COURSE. STUDENTS ARE THEN PERMITTED TO BE ENROLLED IN BOTH COURSES. **TRANSFER STUDENTS ENROLLING IN 11TH GRADE WILL ALSO BE PERMITTED TO TAKE BOTH COURSES IF THEY ARE NEEDED FOR GRADUATION.**
- ◆ **AN "I" (INCOMPLETE) GRADE IN THE LAST GRADING PERIOD OF ANY COURSE WILL RESULT IN COURSE FAILURE.**
- ◆ **'G' GRADES GIVEN DUE TO POOR ATTENDANCE MUST BE MADE UP AS REQUIRED BY THE ADMINISTRATION OR THE STUDENT WILL NOT EARN CREDIT FOR THE COURSE/COURSES INVOLVED. SEE PAGE 5 OF THE STUDENT HANDBOOK FOR DETAILS.**
- ◆ THE COMPLETE GRADING POLICY FOR ALL COURSEWORK IS DETAILED IN THE STUDENT HANDBOOK.

INFORMATION FOR COLLEGE-BOUND STUDENTS

ADMISSIONS

THE NORMAL APPLICATION TIME IS THE FALL OF THE SENIOR YEAR. APPLICATIONS ARE AVAILABLE ONLINE, BUT STUDENTS MAY REQUEST APPLICATION MATERIALS FROM THE COLLEGE. STUDENTS SHOULD CHECK THE SPECIFIC ADMISSION DEADLINES AT EACH COLLEGE/UNIVERSITY. WHEN A STUDENT APPLIES ON-LINE, THEY MUST NOTIFY STUDENT SERVICES CENTER SO THAT TRANSCRIPTS AND RECOMMENDATIONS CAN BE SENT.

FINANCIAL AID

TO BE CONSIDERED FOR FINANCIAL AID, STUDENTS (AND PARENTS) MUST FILL OUT THE FAFSA (FREE APPLICATION FOR FEDERAL STUDENT AID). THESE FORMS ARE AVAILABLE ON-LINE IN OCTOBER. MAKE SURE TO HAVE YOUR FAFSA RESULTS SENT TO ALL THE COLLEGES THAT YOU MAY BE INTERESTED IN ATTENDING. STUDENTS MUST BE ADMITTED TO A DEGREE-SEEKING PROGRAM TO BE ELIGIBLE TO RECEIVE FINANCIAL AID. CHECK WITH EACH INDIVIDUAL INSTITUTION TO FIND OUT IF THEY HAVE ANY ADDITIONAL DEADLINES OR APPLICATIONS. THE STUDENT SERVICES CENTER PLANS INFORMATIONAL MEETINGS ANNUALLY TO HELP STUDENTS AND PARENTS WITH COLLEGE ADMISSION AND FINANCIAL AID PROCEDURES.

COLLEGE-PREPARATORY CREDITS

A STUDENT PLANNING TO ATTEND A FOUR-YEAR COLLEGE SHOULD STRONGLY CONSIDER THE FOLLOWING OVERVIEW OF COLLEGE PREPARATORY COURSEWORK. COLLEGES AND UNIVERSITIES REQUEST THESE COURSES.

- ENGLISH: 4 CREDITS WILL INCLUDE AMERICAN LITERATURE, BRITISH LITERATURE, AND LANGUAGE AND COMPOSITION.**
- MATHEMATICS: 4 CREDITS - ALGEBRA I, GEOMETRY, ALGEBRA II, ALL HIGHER MATH. HIGH SCHOOL COURSEWORK TAKEN AT THE JR. HIGH COUNTS AT MOST COLLEGES FOR ADMISSION PURPOSES.**
- SCIENCE: 3 CREDITS THAT INCLUDE BIOLOGY AND CHEMISTRY**
- WORLD LANGUAGES: 2 OR 3 CREDITS OF SAME LANGUAGE – HIGH SCHOOL COURSEWORK TAKEN AT THE JUNIOR HIGH COUNTS AT MOST COLLEGES FOR ADMISSION PURPOSES; CHECK COLLEGE REQUIREMENTS AS MANY COLLEGES REQUIRE MORE.**
- SOCIAL STUDIES: 4 CREDITS WILL INCLUDE WORLD HISTORY, AMERICAN HISTORY, AMERICAN GOVERNMENT, AND ECONOMICS.**
- VISUAL /PERFORMING ARTS: 1 CREDIT – FINE ARTS**

THESE COURSES MAY NOT BE REQUIRED BY ALL COLLEGES; HOWEVER, THEY ARE HIGHLY RECOMMENDED BY ALL COLLEGES. MANY STATE UNIVERSITIES DO REQUIRE THIS TYPE OF COURSEWORK FOR "UNCONDITIONAL" ACCEPTANCE. IF A STUDENT HAS DEFICIENCIES IN THESE RECOMMENDED HIGH SCHOOL COURSES, HE MAY HAVE TO TAKE COLLEGE COURSES AT HIS EXPENSE THAT DO NOT COUNT TOWARD THE COLLEGE DEGREE. MOREOVER, THE ABOVE RECOMMENDED COURSEWORK WILL HELP TO PREPARE A STUDENT FOR STANDARDIZED TESTING AND COLLEGE ADMISSIONS TESTING. STUDENTS CONSIDERING SPECIALIZED COURSES OF STUDY SHOULD CHECK THE PREREQUISITE FOR ADMISSION TO THESE PARTICULAR FIELDS. FOR EXAMPLE, NURSING PROGRAMS REQUIRE CHEMISTRY, ALGEBRA I, AND USUALLY FOUR CREDITS OF ENGLISH AS A MINIMUM FOR ADMISSION. ENGINEERING PROGRAMS USUALLY REQUIRE FOUR CREDITS OF ENGLISH, SCIENCE THROUGH PHYSICS, AND MATH THROUGH PRE-CALCULUS.

PIONEER CAREER AND TECHNOLOGY CENTER

THE EDUCATIONAL PROGRAMS AT PCTC ARE DESIGNED TO PREPARE STUDENTS FOR ENTRY INTO VARIOUS OCCUPATIONS AND/OR TO PREPARE STUDENTS FOR SPECIALIZED POST-SECONDARY EDUCATION/TRAINING. ELEVENTH AND TWELFTH GRADE STUDENTS OF LEXINGTON HIGH SCHOOL ARE ELIGIBLE TO ATTEND PIONEER. ADMISSION TO PIONEER WILL BE DETERMINED ON THE BASIS OF THE APPLICANT'S ABILITY, ACHIEVEMENT, AND INTEREST. A STUDENT SPENDS HIS ENTIRE SCHOOL DAY AT PIONEER AND IS ELIGIBLE TO PARTICIPATE IN EXTRA-CURRICULAR ACTIVITIES AT LEXINGTON. LEXINGTON STUDENTS ATTENDING PCTC GRADUATE FROM LEXINGTON. TO GRADUATE FROM LEXINGTON, HOWEVER, THE STUDENTS MUST EARN THEIR VOCATIONAL CERTIFICATION. PCTC STUDENTS MAY ALSO ATTEND TECHNICAL OR FOUR-YEAR COLLEGES AFTER THEY GRADUATE. PCTC DOES NOT HAVE AN ENTRANCE FEE OTHER THAN FEES FOR SHOP OR LABORATORY UNIFORMS AND EXPENDABLE MATERIALS. TRANSPORTATION IS PROVIDED BY LEXINGTON HIGH SCHOOL EXCEPT FOR THE SENIORS IN THE WORK-STUDY PROGRAMS WHO MUST PROVIDE THEIR OWN TRANSPORTATION. LISTS OF PROGRAMS AT PCTC ARE AVAILABLE THROUGH THE LEXINGTON STUDENT SERVICES CENTER. MORE DETAILED INFORMATION IS PROVIDED DURING THE SCHOOL YEAR.

NORTH CENTRAL OHIO TECH - PREP PROGRAM

TECH-PREP PROGRAMS AVAILABLE TO LEXINGTON HIGH SCHOOL STUDENTS:

⇒ BIO SCIENCE	PROGRAM LOCATION: CRAWFORD COUNTY
⇒ BUSINESS ACADEMY	ACCOUNTING & FINANCIAL MANAGEMENT PROGRAM LOCATION: PIONEER CTC
⇒ BUSINESS ACADEMY	IT SUPPORT PROGRAM LOCATIONS: PIONEER CTC
⇒ BUSINESS ACADEMY	WEB PAGE DESIGN & PROGRAMMING PROGRAM LOCATIONS: PIONEER CTC
⇒ CRIMINAL JUSTICE	PROGRAM LOCATION: PIONEER CTC
⇒ CONSTRUCTION	CARPENTRY PROGRAM LOCATION: PIONEER CTC
⇒ EXERCISE SCIENCE/SPORTS MEDICINE	PROGRAM LOCATION: PIONEER CTC
⇒ HEALTH ACADEMY-MEDICAL TECHNOLOGIES	PROGRAM LOCATIONS: PIONEER CTC.
⇒ MANUFACTURING	CAD TECHNICIAN PROGRAM LOCATION: PIONEER CTC
⇒ MANUFACTURING	COLLEGE-NOW - ENGINEERING PROGRAM LOCATION: KEHOE CENTER
⇒ MANUFACTURING	COMPUTER NETWORKING/ELECTRONIC TECHNOLOGY (CNET) PROGRAM LOCATION: KEHOE CENTER
⇒ MEDIA COMMUNICATIONS	PROGRAM LOCATION PIONEER CTC
⇒ PERFORMING ARTS	(DANCE, VOCAL, THEATER, FILM) PROGRAM LOCATION: PCTC PERFORMING ARTS BUILDING, 25-27 E. 4TH ST., MANSFIELD
⇒ TRANSPORTATION ACADEMY	AUTOMOTIVE TECHNOLOGY PROGRAM LOCATION: PIONEER CTC

THESE PROGRAMS ARTICULATE DIRECTLY TO TWO-YEAR ASSOCIATE DEGREE PROGRAMS, AND SOME OF THE TWO-YEAR PROGRAMS **MAY** ARTICULATE TO FOUR-YEAR BACHELOR'S DEGREE PROGRAMS. BE SURE TO CHECK WITH THE REGISTRAR'S OFFICE AT THE COLLEGE/UNIVERSITY THAT YOU PLAN TO ATTEND FOR SPECIFIC COURSE ARTICULATION INFORMATION. A STUDENT BECOMES ELIGIBLE FOR TECH PROGRAMS THEIR JUNIOR YEAR. IF A STUDENT IS INTERESTED IN EXPLORING THE TECH-PREP OPPORTUNITIES, THEY SHOULD SEE THEIR COUNSELOR.

LEXINGTON HIGH SCHOOL ACADEMIC LETTER

TO BE ELIGIBLE TO EARN A LEXINGTON HIGH SCHOOL ACADEMIC LETTER, STUDENTS MUST MEET THE FOLLOWING CRITERIA:

FRESHMAN AND SOPHOMORES:

MINIMUM 3.8 WEIGHTED GPA AND A MINIMUM OF 10 POINTS FROM THE LIST OF APPROVED ACTIVITIES.

JUNIORS AND SENIORS:

MINIMUM 3.8 WEIGHTED GPA AND A MINIMUM OF 20 POINTS FROM THE LIST OF APPROVED ACTIVITIES.

APPROVED ACTIVITIES AND THE POINT VALUE FOR EACH ACTIVITY (STUDENTS MUST BE ACTIVELY INVOLVED MEMBERS OF THE ACTIVITY IN GOOD STANDING AND MAINTAIN THAT INVOLVEMENT AND STANDING THROUGH THE COMPLETION OF THE ACTIVITY/SEASON). POINTS ARE DETERMINED AT THE END OF THE 5TH MARKING PERIOD.

- NATIONAL HONOR SOCIETY—10 POINTS

INVOLVEMENT AS DESCRIBED ABOVE IN EACH ACTIVITY LISTED BELOW IS 5 POINTS. (INVOLVEMENT IN ONE OR MORE ATHLETIC TEAM/CHEERLEADING SQUAD IS 5 POINTS TOTAL FOR EACH SCHOOL YEAR).

- FRENCH & SPANISH NHS
- STUDENT COUNCIL
- ACADEMIC CHALLENGE
- MATH CLUB
- OCC LEADERSHIP COUNCIL
- MOCK TRIAL
- LEO'S CLUB
- KEY CLUB
- INFORMED TEENS
- YEARBOOK
- SCHOOL NEWSPAPER
- DRAMA CLUB
- MARCHING BAND
- ATHLETIC TEAM / CHEERLEADING SQUAD
- GIRL TALK
- SIMILAR PCTC ACTIVITIES/GROUPS/CLUBS OR OTHER PCTC ACTIVITIES APPROVED BY THE ACADEMIC BOOSTERS AND THE HIGH SCHOOL PRINCIPAL
- OTHER INVOLVEMENT IN SCHOOL, CIVIC AND/OR RELIGIOUS ORIENTED ACTIVITIES/ GROUPS/CLUBS APPROVED BY THE ACADEMIC BOOSTERS AND THE HIGH SCHOOL PRINCIPAL.

COLLEGE CREDIT PLUS (CCP)

(CCP) REPLACES OHIO'S POST-SECONDARY ENROLLMENT OPTIONS PROGRAM (PSEO) AND ALL ALTERNATIVE DUAL ENROLLMENT PROGRAMS PREVIOUSLY GOVERNED BY OHIO REVISED CODE CHAPTER 3365.

CCP REQUIRES TWO FUNDAMENTAL CONDITIONS:

1. STUDENT MUST BE ENROLLED IN BOTH COLLEGE AND HIGH SCHOOL.
2. STUDENT WILL EARN TRANSCRIPTED COLLEGE AND HIGH SCHOOL CREDIT UPON SUCCESSFUL COMPLETION OF THE COURSE.

*NO ELIGIBLE PUBLIC STUDENT MAY BE DENIED PARTICIPATION THROUGH A PUBLIC IHE.

CCP PATHWAYS REQUIREMENTS:

A "CCP PATHWAY" IS A GROUPING OF COLLEGE COURSES AND COURSE SEQUENCES THAT TOTAL AT LEAST 15 AND 30 COLLEGE CREDIT HOURS.

A PATHWAY MAY:

- BE ORGANIZED BY A MAJOR OR CAREER PATH
- INCLUDE VARIOUS CORE COURSES REQUIRED FOR A DEGREE OR PROFESSIONAL CERTIFICATION BY THE COLLEGE.

*BOTH PATHWAYS WILL BE CLARIFIED AFTER STUDENTS WHO WISH TO TAKE QUALIFYING CLASSES BEYOND THOSE ESTABLISHED IN THE 15 AND 30 CREDIT PATHWAYS WILL BE PERMITTED IF SUBMITTED QUALIFYING CLASSES ARE APPROVED BY THE HIGH SCHOOL PRINCIPAL AND/OR SUPERINTENDENT.

SPECIAL NEEDS PROGRAMS

LEARNING DISABILITY PROGRAM

A STUDENTS' PROGRAM IS PLANNED ACCORDING TO THEIR INDIVIDUAL EDUCATION PLAN (IEP). COURSES THAT MEET GRADUATION REQUIREMENTS ARE OFFERED IN THE RESOURCE/LEARNING CENTER ON A REGULAR SCHEDULE. OTHER COURSES MAY BE AVAILABLE IN THE RESOURCE/LEARNING CENTER UPON SPECIAL ARRANGEMENT. MAINSTREAMING AND/OR INCLUSION ARE AVAILABLE UPON CONSULTATION AND AGREEMENT AMONG PARENTS, ADMINISTRATORS, TEACHERS, AND COUNSELOR.

DEVELOPMENTAL DISABILITY PROGRAM

A STUDENTS' PROGRAM IS PLANNED ACCORDING TO THEIR INDIVIDUALIZED EDUCATION PLAN (IEP). A STUDENT MEETS GRADUATION REQUIREMENTS THROUGH THE MODIFIED CURRICULUM, RESOURCE ROOM OR MAINSTREAMING AND/OR INCLUSION WHICHEVER IS MOST APPROPRIATE FOR THE STUDENT. ELECTIVE CREDITS ARE DETERMINED ON AN INDIVIDUALIZED BASIS. DECISIONS WILL BE MADE WITH CONSULTATION AND AGREEMENT OF PARENTS, ADMINISTRATORS, TEACHERS, AND COUNSELOR.

MULTIPLE DISABILITY PROGRAM

THE PROGRAM ESTABLISHED FOR STUDENTS WITH MULTIPLE DISABILITIES INCLUDES SEVERAL CURRICULUM AREAS. EACH STUDENT IS TAUGHT ON AN INDIVIDUAL BASIS IN REGARDS TO SPECIFIC NEEDS AND STRENGTHS. STUDENTS EXPERIENCE EDUCATION IN ALL CONTENT AREAS TO WHICH THEIR TYPICAL PEERS ARE EXPOSED.

VOCATIONAL TRAINING FOCUSES ON THE PERSONAL STRENGTHS OF EACH STUDENT. THE DREAMS AND FUTURE INTERESTS OF STUDENTS ARE CONSIDERED WHEN DEVELOPING THEIR JOB TRAINING. WE PROVIDE JOB TRAINING WITHIN THE SCHOOL SETTING AS WELL AS IN THE COMMUNITY, AND TRY TO PROVIDE A MANY "REAL LIFE" EXPERIENCES AS POSSIBLE TO OUR ENVIRONMENT AND AS PERMITTED BY SCHOOL REGULATIONS.

SPANISH IV

TERM: YEAR

CREDIT: 1.00

GRADES: 11, 12

NOTE: WEIGHTED COURSE

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 4 DIFFICULTY LANGUAGE COURSE WILL TYPICALLY BEGIN AT AN INTERMEDIATE LOW PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE MID PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE STRINGS OF SENTENCES TO EXPLAIN USING EXPANDED VOCABULARY ON A WIDE RANGE OF FAMILIAR TOPICS AND SOME UNFAMILIAR TOPICS. THEY ALSO WILL BEGIN TO COMMUNICATE IN MULTIPLE TENSES. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

COURSE #: 0714

PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE

FEE: \$18.00 (NOVELS)**LEVEL FIVE****FRENCH V**

TERM: YEAR

CREDIT: 1.00

GRADE: 12

NOTE: WEIGHTED COURSE

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 5 DIFFICULTY LANGUAGE COURSE WILL TYPICALLY BEGIN AT AN INTERMEDIATE MID PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE HIGH PROFICIENCY LEVEL. STUDENTS WILL CONTINUE TO USE STRINGS OF SENTENCES TO EXPLAIN USING EXPANDED VOCABULARY ON A WIDE RANGE OF FAMILIAR TOPICS AND SOME UNFAMILIAR TOPICS. THEY ALSO WILL COMMUNICATE IN MULTIPLE TENSES. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

COURSE #: 0705

PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE

FEE: \$17.50 (CHEZ NOUS MAGAZINE)**SPANISH V**

TERM: YEAR

CREDIT: 1.00

GRADE: 12

NOTE: WEIGHTED COURSE

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 5 DIFFICULTY LANGUAGE COURSE WILL TYPICALLY BEGIN AT AN INTERMEDIATE MID PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE HIGH PROFICIENCY LEVEL. STUDENTS WILL CONTINUE TO USE STRINGS OF SENTENCES TO EXPLAIN USING EXPANDED VOCABULARY ON A WIDE RANGE OF FAMILIAR TOPICS AND SOME UNFAMILIAR TOPICS. THEY ALSO WILL COMMUNICATE IN MULTIPLE TENSES. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

COURSE #: 0715

PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE

FEE: \$18.00 (NOVELS)**CLASS SCHEDULING PROCEDURES**

AFTER STUDENTS HAVE FILLED OUT THEIR INDIVIDUAL SCHEDULE REQUESTS, THE ADMINISTRATION MAKES THE MASTER SCHEDULE AND ASSIGNS THE NUMBER OF CLASSES AND TEACHERS. FINAL DECISIONS ON COURSE AVAILABILITY DEPEND ON THE ENROLLMENT FIGURES GATHERED FROM THE INDIVIDUAL SCHEDULE REQUESTS. FOR THE ADMINISTRATION TO PLAN ADEQUATELY FOR THE NEXT YEAR, STUDENTS MUST THINK AND PLAN CAREFULLY AT THIS INITIAL STAGE OF THE SCHEDULING PROCESS.

REGISTRATION TIMELINE

FEBRUARY—MARCH—REGISTRATION BEGINS FOR THE SCHOOL YEAR 2017-2018. STUDENTS WILL BE GIVEN A COPY OF THEIR COURSE REQUEST SHEET TO TAKE HOME FOR PARENTAL APPROVAL. STUDENTS/PARENTS MAY MAKE SCHEDULE CHANGES IN THE APPROPRIATE PLACE ON THE REGISTRATION FORM. STUDENTS MUST RETURN THE REGISTRATION FORM WITH A PARENT(S) SIGNATURE TO THEIR GUIDANCE COUNSELOR IN STUDENT SERVICES.

APRIL—*SCHEDULE CHANGES MAY BE MADE WITH PARENT PERMISSION UNTIL APRIL 28TH, 2017. 'CHANGE OF MIND' SCHEDULE CHANGE REQUESTS WILL NOT BE HONORED AFTER THIS DATE.*

SCHEDULE CHANGES**WILL NOT BE MADE EXCEPT FOR:**

- SCHEDULE CONFLICTS/ERRORS
- EDUCATIONAL REASONS: CREDIT DEFICIENCIES OR REQUIRED COURSES NEEDED
- UNEVEN BALANCE OF SEMESTER COURSES OR STUDY HALLS. FOR EXAMPLE, 2 STUDY HALLS IN ONE SEMESTER, NONE ANOTHER SEMESTER; ECONOMICS AND GOVERNMENT IN THE SAME SEMESTER.
- CHANGES DUE TO COMPLETION OF PRE-APPROVED SUMMER SCHOOL COURSES
- CHANGES THAT ARE IN THE LONG-RANGE ACADEMIC BEST INTEREST OF STUDENTS WILL BE CONSIDERED WITH A CONSULTATION AMONG STUDENT, PARENT, TEACHER, COUNSELOR AND PRINCIPAL.
- **SECOND-SEMESTER CHANGES:** ANY SECOND SEMESTER SCHEDULE CHANGES MUST MEET THE ABOVE CRITERIA.

ONCE A SEMESTER BEGINS, NO COURSE CHANGES CAN BE CONSIDERED. TO BE FAIR AND CONSISTENT WITH ALL STUDENTS, WE ARE SORRY THAT WE CANNOT ENTERTAIN PREFERENTIAL REQUESTS FOR CLASS PERIODS, LUNCH PERIOD PREFERENCES, AND TEACHERS.

- STUDENTS MUST BE ENROLLED IN 6 CLASSES PER SEMESTER
- STUDENTS ARE ALLOWED ONE STUDY HALL PER SEMESTER

CHANGING A SCHEDULE IF A STUDENT WISHES TO REQUEST A SCHEDULE CHANGE, HE/SHE MUST COMPLETE A FORM WHICH INCLUDES THE STUDENTS NAME, STUDENT ID, COURSE (S) TO ADD AND/OR DROP. SCHEDULE CHANGES ARE DISCOURAGED AND REQUESTS FOR SCHEDULE CHANGES WILL BE GIVEN CLOSE SCRUTINY. ALL CHANGES MUST BE APPROVED BY THE COUNSELORS.

REPEATING A COURSE CREDIT FOR A SPECIFIC COURSE WILL BE GRANTED ONLY ONCE. A STUDENT MAY REPEAT A COURSE IN ORDER TO IMPROVE THEIR GRADE. WHEN REPEATING A COURSE FOR CREDIT, THE GRADE EARNED UPON REPEATING THE COURSE WILL REPLACE THE ORIGINAL GRADE. THIS OPTION IS ONLY AVAILABLE TO A STUDENT EARNING A 'C' OR LOWER IN A COURSE.

INCOMPLETE POLICY AN INCOMPLETE (I) MAY BE GIVEN UNDER CERTAIN SITUATIONS IN LIEU OF A GRADE WHEN A STUDENT DOES NOT COMPLETE THE REQUIREMENTS OF THE COURSE. THE STUDENT MUST MAKE ARRANGEMENTS WITH THE TEACHER TO FULFILL THOSE REQUIREMENTS. TEACHERS MUST SUBMIT FINAL GRADES FOR EACH STUDENT UPON COMPLETION OF THE COURSE, OR INDICATE TO THE PRINCIPAL WHAT ARRANGEMENTS HAVE BEEN MADE TO REMOVE THE INCOMPLETE. AS THE NEED ARISES, ACCOMMODATIONS FOR INDIVIDUAL SITUATIONS SHALL BE MADE BY THE BUILDING PRINCIPAL.

EACH STUDENT HAS TWO WEEKS AFTER THE LAST DAY OF THE GRADING PERIOD TO FULFILL THE REQUIREMENTS OF THE COURSE, UPON RETURNING FROM AN EXTENDED ABSENCE (THREE DAYS OR MORE). ANY WORK NOT MADE UP WILL BE RECORDED AS FAILING. EXCEPTIONS TO THIS POLICY MUST BE APPROVED BY THE PRINCIPAL.

TRANSFER STUDENTS TRANSFER STUDENTS' CREDITS WILL BE EVALUATED ON AN INDIVIDUAL BASIS AS TO HOW THEIR FORMER CURRICULUM CORRESPONDS TO LEXINGTON'S CURRICULUM AND REQUIREMENTS.

SPANISH II
TERM: YEAR
CREDIT: 1.00
GRADES: 9, 10, 11, 12

COURSE #: 0712
PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE
FEE: NONE
BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 2 COURSE WILL TYPICALLY BEGIN AT A NOVICE MID PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN A NOVICE HIGH PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE PHRASES AND SIMPLE SENTENCES USING A VARIETY OF VOCABULARY TO COMMUNICATE ON MOSTLY FAMILIAR AND A FEW UNFAMILIAR TOPICS. THEY WILL ALSO BE ABLE TO ASK MEMORIZED QUESTIONS AND BEGIN TO CREATE ORIGINAL STATEMENTS USING THE LANGUAGE. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

LEVEL THREE

FRENCH III
TERM: YEAR
CREDIT: 1.00
GRADES: 10, 11, 12

COURSE #: 0703
PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE
FEE: \$17.50 (ÇA VA MAGAZINE)
BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 3 COURSE WILL TYPICALLY BEGIN AT A NOVICE HIGH PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE LOW PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE STRINGS OF SIMPLE SENTENCES USING A VARIETY OF VOCABULARY TO COMMUNICATE ON FAMILIAR AND SOME UNFAMILIAR TOPICS. THEY WILL ALSO BE ABLE TO START TO ASK THEIR OWN ORIGINAL QUESTIONS AND CREATE THEIR OWN OPINIONS AND THOUGHTS USING THE LANGUAGE. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

SPANISH III
TERM: YEAR
CREDIT: 1.00
GRADES: 10, 11, 12

COURSE #: 0713
PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE
FEE: \$12.50 (EL SOL MAGAZINE)
BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 3 COURSE WILL TYPICALLY BEGIN AT A NOVICE HIGH PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE LOW PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE STRINGS OF SIMPLE SENTENCES USING A VARIETY OF VOCABULARY TO COMMUNICATE ON FAMILIAR AND SOME UNFAMILIAR TOPICS. THEY WILL ALSO BE ABLE TO START TO ASK THEIR OWN ORIGINAL QUESTIONS AND CREATE THEIR OWN OPINIONS AND THOUGHTS USING THE LANGUAGE. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

LEVEL FOUR

FRENCH IV
TERM: YEAR
CREDIT: 1.00
GRADES: 11, 12

NOTE: WEIGHTED COURSE

COURSE #: 0704
PREREQUISITE: "C" AVERAGE IN PRECEDING COURSE
FEE: \$17.50 (CHEZ NOUS MAGAZINE)
BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 4 DIFFICULTY LANGUAGE COURSE WILL TYPICALLY BEGIN AT AN INTERMEDIATE LOW PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN AN INTERMEDIATE MID PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE STRINGS OF SENTENCES TO EXPLAIN USING EXPANDED VOCABULARY ON A WIDE RANGE OF FAMILIAR TOPICS AND SOME UNFAMILIAR TOPICS. THEY ALSO WILL BEGIN TO COMMUNICATE IN MULTIPLE TENSES. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

WORLD LANGUAGES

ALL OF THESE COURSES WILL FOLLOW THE NEW OHIO ACADEMIC CONTENT STANDARDS AVAILABLE ONLINE AT WWW.ODE.STATE.OH.US/ACADEMIC-CONTENT-STANDARDS/. AT EACH LEVEL, WITH INCREASING COMPLEXITY, STUDENTS WILL PARTICIPATE IN ACTIVITIES RELATED TO FOLLOWING OHIO STANDARDS:

- COMMUNICATION:** COMMUNICATES IN LANGUAGES OTHER THAN ENGLISH
- CULTURES:** GAIN KNOWLEDGE AND UNDERSTANDING OF OTHER CULTURES
- CONNECTIONS:** CONNECT WITH OTHER DISCIPLINES AND ACQUIRE INFORMATION
- COMPARISONS:** DEVELOP INSIGHT INTO THE NATURE OF LANGUAGE AND CULTURE
- COMMUNITIES:** PARTICIPATE IN MULTILINGUAL COMMUNITIES AND CULTURES AT HOME AND AROUND THE WORLD

LEVEL ONE

FRENCH I

TERM: YEAR
CREDIT: 1.00

GRADES: 9, 10, 11, 12

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 1 COURSE WILL TYPICALLY BEGIN WITH NO PRIOR LANGUAGE EXPERIENCE AND BY THE END OF THE COURSE WILL ATTAIN NOVICE MID PROFICIENCY. STUDENTS WILL BE ABLE TO USE WORDS, HIGHLY PRACTICED PHRASES, AND SENTENCES TO COMMUNICATE ON FAMILIAR TOPICS SUCH AS THEMSELVES, THEIR FRIENDS, AND FAMILY. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING AND SPEAKING.

COURSE #: 0701

PREREQUISITE: NONE

FEE: \$20.00 (WORKBOOK)

SPANISH I

TERM: YEAR
CREDIT: 1.00

GRADES: 9, 10, 11, 12

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 1 COURSE WILL TYPICALLY BEGIN WITH NO PRIOR LANGUAGE EXPERIENCE AND BY THE END OF THE COURSE WILL ATTAIN NOVICE MID PROFICIENCY. STUDENTS WILL BE ABLE TO USE WORDS, HIGHLY PRACTICED PHRASES, AND SENTENCES TO COMMUNICATE ON FAMILIAR TOPICS SUCH AS THEMSELVES, THEIR FRIENDS, AND FAMILY. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING AND SPEAKING.

COURSE #: 0711

PREREQUISITE: NONE

FEE: \$20.00 (WORK BOOK)

LEVEL TWO

FRENCH II

TERM: YEAR
CREDIT: 1.00

GRADES: 9, 10, 11, 12

BASED ON INFORMATION FROM THE AMERICAN COUNCIL ON THE TEACHING OF FOREIGN LANGUAGES (ACTFL), STUDENTS IN A LEVEL 2 COURSE WILL TYPICALLY BEGIN AT A NOVICE MID PROFICIENCY LEVEL AND BY THE END OF THE COURSE, WILL ATTAIN A NOVICE HIGH PROFICIENCY LEVEL. STUDENTS WILL BE ABLE TO USE PHRASES AND SIMPLE SENTENCES USING A VARIETY OF VOCABULARY TO COMMUNICATE ON MOSTLY FAMILIAR AND A FEW UNFAMILIAR TOPICS. THEY WILL ALSO BE ABLE TO ASK MEMORIZED QUESTIONS AND BEGIN TO CREATE ORIGINAL STATEMENTS USING THE LANGUAGE. THROUGHOUT THE YEAR STUDENTS WILL PARTICIPATE IN THREE MODES OF COMMUNICATION- INTERPRETIVE, INTERPERSONAL AND PRESENTATIONAL THROUGH READING, WRITING, LISTENING, AND SPEAKING.

COURSE #: 0702

PREREQUISITE: "C" AVERAGE IN PRE-CEEDING COURSE

FEE: NONE

OUR MISSION

LEXINGTON HIGH SCHOOL IS A FOUR-YEAR COLLEGE PREP HIGH SCHOOL ACCREDITED BY THE OHIO DEPARTMENT OF EDUCATION. WE HAVE A STUDENT TO TEACHER RATION OF 17 TO 1. LEXINGTON HIGH SCHOOL RECEIVED AN "ALL A'S" AWARD FROM THE OHIO DEPARTMENT OF EDUCATION IN 2015. THIS MARKS THE 10TH CONSECUTIVE YEAR "EXCELLENT" "EXCELLENT WITH DISTINCTION" OR ALL A'S AWARD HAS BEEN EARNED. THIS TYPE OF CONTINUED ACHIEVEMENT IS ONLY POSSIBLE THROUGH THE DEDICATION AND COMMITMENT OF SCHOOL AND COMMUNITY.

AMID ALL THE CHANGES IN THE STATE REPORT CARD OVER THE LAST THIRTEEN YEARS, LHS HAS CONTINUED TO IMPROVE ITS SCORES ON THE PERFORMANCE INDICATORS FROM WHICH THE STATE USES TO DETERMINE THE REPORT CARD RATING. THESE ACHIEVEMENTS ARE A REFLECTION OF OUR TEACHERS' EXPERTISE AND THEIR COMMITMENT TO MAXIMIZING EACH STUDENTS ACADEMIC GROWTH. THEY ALSO REFLECT THE HARD WORK, FOCUS OF OUR STUDENTS AND PARENTS, AND THEIR DEDICATION.

THE LEXINGTON SCHOOLS HAVE A RICH TRADITION OF EXCELLENCE IN ACADEMICS, ARTS, AND ATHLETICS. LEXINGTON HIGH SCHOOL, IN CONTINUING THAT TRADITION, IS COMMITTED TO PREPARING STUDENTS FOR SUCCESSFUL FUTURE. THE MISSION OF LEXINGTON HIGH SCHOOL IS TO PROVIDE EDUCATIONAL OPPORTUNITIES THAT WILL BEST DEVELOP LIFE-LONG LEARNERS, INDEPENDENT THINKERS, AND EFFECTIVE COMMUNICATORS. THESE OPPORTUNITIES WILL HELP LEXINGTON STUDENTS ACHIEVE FUTURE EXCELLENCE IN ALL THEIR ENDEAVORS.



VISUAL ARTS

LEVEL ONE

ART I

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

COURSE #: 0109

PREREQUISITE: NONE

FEE: \$15.00

ART I IS AN INTRODUCTORY COURSE DEALING IN THE ELEMENTS OF ART AND THE PRINCIPLES OF DESIGN. AS IN ALL ART COURSES, STUDENTS SHOULD EXPECT WRITTEN WORK AS WELL AS STUDIO ASSIGNMENTS. THE COURSE IS OPEN TO STUDENTS WHO HAVE NO PREVIOUS EXPERIENCE IN ART AT THE HIGH SCHOOL LEVEL.

CERAMICS AND SCULPTURE

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

COURSE #: 0115

PREREQUISITE: NONE

FEE: \$20.00

THIS COURSE IS DESIGNED FOR STUDENTS INTERESTED IN 3D FORMS OF ART. ASSIGNMENTS WILL BE BASED ON BOTH ARTISTIC EXPRESSION AND REAL LIFE APPLICATIONS. STUDENTS WILL CREATE PROJECTS IN A VARIETY OF 3D MEDIUM AND STYLES INCLUDING; THROWING ON THE WHEEL, HAND FORMING, SUBTRACTIVE AND ADDITIVE SCULPTURE, 3D PRINTING AND MORE.

RHINO 3D

(CAD SKILLS FOR 3D PRODUCT DESIGN 3D MODELING)

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

COURSE #: 0151

PREREQUISITE: NONE

FEE: \$17.00

THIS COURSE IS DESIGNED FOR STUDENTS INTERESTED IN 3D COMPUTER MODELING, DRAFTING, ENGINEERING, CHARACTER DESIGN, AND COMMERCIAL PRODUCT DESIGN. PROJECTS WILL BE CREATED IN BOTH RHINO 3D AND SCULPTTRIS, AND WILL RANGE FROM 2D PRINTED IMAGES, 3D ANIMATIONS, TO 3D PRINTED OBJECTS UTILIZING ONE OF OUR TWO 3D PRINTERS. NUMBERS WILL BE LIMITED TO 20 PER CLASS BASED ON THE NUMBER OF COMPUTERS IN THE ART LAB.

STUDIO JEWELRY

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

COURSE #: 0130

PREREQUISITE: NONE

FEE: \$25.00

ADORN YOURSELF WITH YOUR CREATIVITY!! AT THE SAME TIME GET ACQUAINTED WITH BASIC TOOLS OF THE JEWELER'S CRAFT AND THEIR PROPER USE. THIS IS COURSE DESIGNED FOR STUDENTS INTERESTED IN CREATING UNIQUE ONE OF A KIND PIECES OF JEWELRY. THE COURSE WILL COVER BASIC DESIGNING, METAL FABRICATING TECHNIQUES, SURFACE DESIGN METHODS, SAWING METAL, CONNECTING METAL, CHAIN MAKING AND FINISHING TECHNIQUES. STUDENTS WILL BE USING COPPER, BRASS, BRONZE, NU GOLD AND NICKEL SILVER. STUDENTS WILL BE RESPONSIBLE FOR WEEKLY SKETCHBOOK ASSIGNMENTS. SKETCHBOOKS WILL BE PROVIDED. INDIVIDUAL STYLE AND EXPRESSION IS STRONGLY ENCOURAGED!!

LEVEL TWO

DIGITAL ART I

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

COURSE #: 0150

PREREQUISITE: LEVEL I ART COURSE

FEE: \$17.00

THIS COURSE IS DESIGNED FOR STUDENTS INTERESTED IN DIGITAL ART AND PHOTOGRAPHY. STUDENTS EXPLORE THE CREATION OF PIXEL AND VECTOR BASED ARTWORK UTILIZING PHOTOGRAPHY, ADOBE PHOTOSHOP AND ADOBE ILLUSTRATOR. STUDENTS MUST HAVE ACCESS TO A DIGITAL CAMERA OF THEIR OWN. NUMBERS ARE LIMITED TO 20 PER CLASS BASED ON THE NUMBER OF COMPUTERS IN THE ART LAB.

MACROECONOMICS:

THE PURPOSE OF MACROECONOMICS IS TO GIVE STUDENTS A THOROUGH UNDERSTANDING OF THE PRINCIPLES OF ECONOMICS THAT APPLY TO AN ECONOMIC SYSTEM AS A WHOLE, MEANING A NATION-WIDE BASIS. THE COURSE PLACES PARTICULAR EMPHASIS ON THE STUDY OF NATIONAL INCOME AND PRICE-LEVEL DETERMINATION, AND ALSO DEVELOPS STUDENTS' FAMILIARITY WITH ECONOMIC PERFORMANCE MEASURES, THE FINANCIAL SECTOR, STABILIZATION POLICIES, ECONOMIC GROWTH, AND INTERNATIONAL ECONOMICS. THE TOPICS COVERED IN THE MACROECONOMIC COURSE INCLUDES: THE FUNCTIONS PERFORMED BY AN ECONOMIC SYSTEM AND THE WAY THE TOOLS OF SUPPLY AND DEMAND ARE USED TO ANALYZE THE WORKINGS OF A FREE-MARKET ECONOMY; THE CONCEPT OF THE BUSINESS CYCLE WHICH GIVES STUDENTS AN OVERVIEW OF ECONOMIC FLUCTUATIONS AND TO HIGHLIGHT THE DYNAMICS OF UNEMPLOYMENT, INFLATION, AND ECONOMIC GROWTH; THE CIRCULAR FLOW MODEL OF INCOME AND PRODUCTS WITHIN HOUSEHOLDS, BUSINESSES, GOVERNMENT, AND INTERNATIONAL ENTITIES; THE KEY MEASURES OF ECONOMIC PERFORMANCE: GROSS DOMESTIC PRODUCT, UNEMPLOYMENT, AND INFLATION; NATIONAL INCOME AND PRICE DETERMINATION WHICH INCLUDES EXPLORING AGGREGATE SUPPLY AND AGGREGATE DEMAND MODEL TO EXPLAIN THE DETERMINATION OF EQUILIBRIUM NATIONAL OUTPUT AND THE GENERAL PRICE LEVEL, AS WELL AS TO ANALYZE AND EVALUATE THE EFFECTS OF PUBLIC POLICY; THE FINANCIAL SECTOR INCLUDES MONETARY POLICY, FINANCIAL ASSETS SUCH AS STOCKS AND BONDS, THE TIME VALUE OF MONEY, MEASURES OF THE MONEY SUPPLY, FRACTIONAL RESERVE BANKING, AND THE FEDERAL RESERVE SYSTEM; INFLATION, UNEMPLOYMENT AND STABILIZATION POLICIES; ECONOMIC GROWTH AND PRODUCTIVITY; OPEN ECONOMY: INTERNATIONAL TRADE AND FINANCE.

U.S. CIVIL WAR AND RECONSTRUCTION**COURSE #: 1292****TERM: SEMESTER****CREDIT: .50****GRADES: 11, 12****PREREQUISITES: AMERICAN HISTORY**

THIS COURSE WILL EXAMINE THE HISTORICAL, POLITICAL AND SOCIAL IMPACT OF THE UNITED STATES CIVIL WAR AND RECONSTRUCTION. THE COURSE WILL BEGIN WITH THE POLITICAL TURMOIL OF TH 1850S AND CONCLUDE WITH THE ELECTION OF RUTHERFORD HAYES, IN 1876. WE EXPLORE THE CAUSES, THE BATTLES, THE KEY MILITARY AND POLITICAL FIGURES, AND EFFECTS OF THE CIVIL WAR.

ECONOMICS AND FINANCIAL LITERACY**COURSE #: 1260****TERM: SEMESTER****CREDIT: 0.50****GRADE: 11, 12****PREREQUISITES: NONE****FEE: NONE**

THIS COURSE EXPLORES THE FUNDAMENTALS THAT GUIDE INDIVIDUALS AND NATIONS AS THEY MAKE CHOICES ABOUT HOW TO USE LIMITED RESOURCES TO SATISFY THEIR WANTS. MORE SPECIFICALLY, IT EXAMINES THE ABILITY OF INDIVIDUALS TO USE KNOWLEDGE AND SKILLS TO MANAGE LIMITED FINANCIAL RESOURCES EFFECTIVELY FOR A LIFETIME OF FINANCIAL SECURITY.

ADVANCED ECONOMICS**COURSE #: 1261****TERM: SEMESTER****CREDIT: 0.50****GRADE: 11, 12****PREREQUISITES: NONE****FEE: NONE*****Note: WEIGHTED COURSE***

ADVANCED ECONOMICS IS A FASTER PACED AND MORE INTENSE STUDY OF MICROECONOMICS AND MACROECONOMICS (SEE BELOW) THAN OUR REQUIRED ECONOMICS COURSE. STUDENTS HAVE THE OPTION TO TAKE THIS COURSE IN PLACE OF THE REQUIRED COURSE OR IF THEY HAVE COMPLETED THE REQUIRED COURSE, MAY TAKE IT AS AN ELECTIVE. THE COURSE CONTENT IS:

MICROECONOMICS

THE STUDY OF MICROECONOMICS WILL REQUIRE STUDENTS TO UNDERSTAND THAT, IN ANY ECONOMY, THE EXISTENCE OF LIMITED RESOURCES ALONG WITH UNLIMITED WANTS RESULTS IN THE NEED TO MAKE CHOICES. THE COURSE IN MICROECONOMICS BEGINS BY INTRODUCING THE CONCEPTS OF OPPORTUNITY COSTS AND TRADE-OFFS, AND ILLUSTRATES THESE CONCEPTS BY USING THE PRODUCTION POSSIBILITIES CURVE OR OTHER ANALYTICAL EXAMPLES. THE COURSE THEN CONSIDERS HOW DIFFERENT TYPES OF ECONOMIES DETERMINE WHICH GOODS AND SERVICES TO PRODUCE, HOW TO PRODUCE THEM, AND TO WHOM TO DISTRIBUTE THEM. IT IS ALSO IMPORTANT THAT STUDENTS UNDERSTAND WHY AND HOW SPECIALIZATION AND EXCHANGE INCREASE THE TOTAL OUTPUT OF GOODS AND SERVICES. STUDENTS WILL DIFFERENTIATE BETWEEN ABSOLUTE AND COMPARATIVE ADVANTAGE, TO IDENTIFY COMPARATIVE ADVANTAGE FROM DIFFERENCES IN OPPORTUNITY COSTS, AND TO APPLY THE CONCEPT OF COMPARATIVE ADVANTAGE, IN ORDER TO DETERMINE THE BASIS UNDER WHICH MUTUALLY ADVANTAGEOUS TRADE CAN TAKE PLACE BETWEEN COUNTRIES. EXAMPLES SUCH AS NAFTA, AND AUTOMOBILE AND STEEL IMPORT LIMITS, CAN BE USED TO ILLUSTRATE AND REINFORCE THE PRINCIPLES INVOLVED. THE IMPORTANCE OF PROPERTY RIGHTS, THE ROLE OF INCENTIVES IN THE FUNCTIONING OF FREE MARKETS, AND THE PRINCIPLE OF MARGINAL ANALYSIS WILL BE HIGHLIGHTED THROUGHOUT THE COURSE. THE COURSE ALSO INCLUDES: 1) THE NATURE AND FUNCTIONS OF PRODUCT MARKETS; 2) FACTOR MARKETS; 3) MARKET FAILURE AND THE ROLE OF GOVERNMENT.

ART HISTORY**COURSE #: 0160****TERM: SEMESTER****CREDIT: 0.50****GRADES: 9, 10, 11, 12****PREREQUISITE: LEVEL I ART COURSE**

STUDENTS TAKING THIS CLASS WILL STUDY THE HISTORY OF ART FROM PREHISTORIC TO THE PRESENT. THIS COURSE SEEKS TO DEVELOP SKILLS IN PERCEPTION, COMPREHENSION, AND APPRECIATION WHEN DEALING WITH A VARIETY OF VISUAL ART FORMS. IT ENCOURAGES THE CLOSE ANALYSIS OF VISUAL MATERIALS, EXPLORES THE RANGE OF QUESTIONS AND METHODS APPROPRIATE TO THE EXPLICATION OF A GIVEN WORK OF ART, AND EXAMINES THE INTELLECTUAL STRUCTURES BASIC TO THE SYSTEMATIC STUDY OF ART. MOST IMPORTANTLY, THE COURSE ENCOURAGES THE UNDERSTANDING OF ART AS A VISUAL LANGUAGE AND AIMS TO FOSTER IN STUDENTS THE ABILITY TO TRANSLATE THIS UNDERSTANDING INTO VERBAL EXPRESSION, BOTH ORAL AND WRITTEN.

PAINTING**COURSE #: 0112****TERM: SEMESTER****CREDIT: 0.50****GRADES: 9, 10, 11, 12****PREREQUISITE: ART I****FEE: \$15.00**

PAINTING WILL CONCENTRATE ON PAINTING TECHNIQUES IN VARIOUS MEDIA.

DRAWING**COURSE#: 0125****TERM: SEMESTER****CREDIT: 0.50****GRADES: 9, 10, 11, 12****PREREQUISITE: ART I****FEE: \$15.00**

DRAWING HAS ALWAYS BEEN REGARDED AS THE MOST FUNDAMENTAL OF ALL ART SKILLS. THIS COURSE WILL DEAL WITH IMPROVING THE ART STUDENTS' SKILLS IN OBSERVATION, DRAWING TECHNIQUES, COMPOSITION AND VISUAL EXPRESSION. A VARIETY OF MEDIUMS WILL BE USED SUCH AS PENCIL, PEN AND INK, COLORED PENCIL, CHALK, SCRATCH BOARD. THIS COURSE IS STRONGLY RECOMMENDED FOR STUDENTS PLANNING ON TAKING GRAPHICS, OR PAINTING COURSES IN THE FUTURE.

RHINO 3D II**COURSE #: 01555****TERM: SEMESTER****CREDIT: 0.50****GRADES: 9, 10, 11, 12****PREREQUISITE: RHINO 3D****FEE: \$17.00**

THIS COURSE IS DESIGNED FOR STUDENTS INTERESTED IN ADVANCED 3D COMPUTER MODELING, DRAFTING, ENGINEERING, CHARACTER DESIGN, AND COMMERCIAL PRODUCT DESIGN. STUDENTS WILL HAVE MORE FREEDOM TO CHOOSE PROJECTS MORE IN LINE WITH THEIR INDIVIDUAL INTERESTS. NUMBERS WILL BE LIMITED TO 20 PER CLASS BASED ON THE NUMBER OF COMPUTERS IN THE ART LAB.

PRINTMAKING**COURSE#: 0124****TERM: SEMESTER****CREDIT: 0.50****GRADES: 9, 10, 11, 12****PREREQUISITE: ART I****FEE: \$20.00**

THIS CLASS WILL EXPLORE THE MANY POSSIBLE ART FORMS OF PRINTMAKING, FROM RELIEF PRINTING TO TEXTILE PRINTING. SOME OF THE PRINTMAKING STYLES WILL INCLUDE; MONO PRINTING, WOODBLOCK, LINOLEUM, FOUND OBJECT, ETCHING, AND SCREEN PRINTING ON PAPER AND TEXTILES. A BRIEF HISTORY, THEORY, AND PRACTICES OF EACH METHOD WILL BE STUDIED AND EXPLORED.

ADVANCED CERAMICS AND SCULPTURE COURSE #: 0116
 TERM: SEMESTER PREREQUISITE: CERAMICS AND SCULPTURE
 CREDIT: 0.50
 GRADES: 9, 10, 11, 12 FEE: \$20.00
 ADVANCED CERAMICS AND SCULPTURE IS A SECOND LEVEL ART COURSE. STUDENTS ARE GIVEN MORE FREEDOM TO EXPLORE DIFFERENT MATERIALS AND PROCESSES WHILE BEING INTRODUCED TO NEW SKILLS AND TECHNIQUES. THROUGHOUT THE SEMESTER, STUDENTS WILL HONE THEIR SKILLS AS THEY FIND THEIR OWN UNIQUE ARTISTIC STYLE.

ADVANCED STUDIO JEWELRY COURSE #: 0131
 TERM: SEMESTER PREREQUISITE: STUDIO JEWELRY I
 CREDIT: 0.50
 GRADES: 10, 11, 12 FEE: \$25.00
 ADVANCED STUDIO JEWELRY STUDENTS WILL STUDY THE ANCIENT ART OF LOST WAX CASTING. STUDENTS WILL ALSO LEARN BASIC RING DESIGN, BASIC STONE SETTING TECHNIQUES, WAX CARVING METHODS, SPRUEING, MOLD MAKING, CENTRIFUGAL CASTING, SAND CASTING AND CUTTLFISH BONE CASTING AND FINISHING TECHNIQUES. INDIVIDUAL STYLE AND EXPRESSION IS STRONGLY ENCOURAGED!! WEEKLY SKETCHBOOK ASSIGNMENTS. SKETCHBOOKS WILL BE FURNISHED.

LEVEL THREE

DIGITAL ART II COURSE #: 0152
 TERM: SEMESTER PREREQUISITE: DIGITAL ART I
 CREDIT: 0.50
 GRADES: 10, 11, 12 FEE: \$17.00
 DIGITAL ART II FOCUSES ON CREATING ARTWORK UTILIZING ADVANCED COMPUTER AND PHOTOGRAPHY SKILLS. STUDENTS WILL FURTHER THEIR KNOWLEDGE OF PHOTOSHOP AND ILLUSTRATOR WHILE HAVING MORE FREEDOM TO CHOOSE PROJECTS MORE IN LINE WITH THEIR INDIVIDUAL INTERESTS AS WELL AS EXPLORE THEIR OWN ARTISTIC STYLE AND EXPRESSION. NUMBERS ARE LIMITED TO 20 PER CLASS BASED ON THE NUMBER OF COMPUTERS IN THE ART LAB.

ADVANCED PAINTING COURSE #: 0113
 TERM: SEMESTER PREREQUISITE: PAINTING I
 CREDIT: 0.50
 GRADES: 11, 12 FEE: \$17.00
 ADVANCED PAINTING IS AN ADVANCED COURSE IN TWO-DIMENSIONAL ARTWORK. PAINTING AND DRAWING TECHNIQUES AND COMPOSITION WILL BE EMPHASIZED.

ARTS1010—COLLEGE DRAWING 1 (DUAL CREDIT) COURSE #: ARTS 1010
 TERM: SEMESTER PREREQUISITE: DRAWING & ADVANCED
 CREDIT: 3 CREDIT HRS
 GRADES: 11, 12
 THIS COURSE PRESENTS DRAWING CONCEPTS THAT CAN SERVE AS A FOUNDATION FOR DRAWING ITSELF AND BENEFIT OTHER VISUAL ARTS DISCIPLINES. THE BASIC FUNDAMENTALS OF DRAWING, LINE FORM, GESTURE, AND SPATIAL ILLUSION, PERSPECTIVE, COMPOSITION, AND USE OF LIGHT & SHADOW TO DESCRIBE SPACE AND VOLUME. STUDIO PRACTICE WILL EMPHASIZE OBSERVATIONAL DRAWING TO PROVIDE CONCRETE AND MEASURABLE EXAMPLES OF PICTORIAL SPACE.

AMERICAN GOVERNMENT COURSE #: 1230
 TERM: YEAR
 CREDIT: .50 PREREQUISITES: NONE
 GRADE: 11 FEE: NONE
 THIS COURSE WILL EXAMINE THE AMERICAN SYSTEM OF GOVERNMENT AND HOW THE PEOPLE ARE GOVERNED AT THE NATIONAL, STATE AND LOCAL LEVELS. STUDENTS WILL PARTICIPATE IN A MOCK ELECTION PROJECT TO EXPLORE THE IMPACT OF PEOPLE ON POLITICS IN THE UNITED STATES.

ADVANCED PLACEMENT U. S. GOV'T & POLITICS COURSE #: 1277
 TERM: YEAR PREREQUISITES: AMERICAN HISTORY
 CREDIT: 1.00
 GRADE: 11, 12 FEE: NONE
NOTE: WEIGHTED COURSE

THIS COURSE EXPLORES THE POLITICAL THEORY AND EVERYDAY PRACTICE THAT DIRECT THE DAILY OPERATION OF OUR GOVERNMENT AND SHAPE OUR PUBLIC POLICIES. THE EXPRESS PURPOSE OF THIS COURSE IS TO PREPARE STUDENTS TO TAKE THE AP EXAM FOR U.S. GOVERNMENT AND POLITICS. THE OBJECTIVES OF THIS COURSE GO BEYOND A BASIC ANALYSIS OF HOW OUR GOVERNMENT "WORKS". STUDENTS WILL DEVELOP A CRITICAL UNDERSTANDING OF THE STRENGTHS AND WEAKNESSES OF THE AMERICAN POLITICAL SYSTEM, AS WELL AS THEIR RIGHTS AND RESPONSIBILITIES AS CITIZENS.

CONTEMPORARY WORLD ISSUES COURSE #: 1282
 TERM: SEMESTER PREREQUISITES: NONE
 CREDIT: 0.50
 GRADE: 12 FEE: NONE
 CONTEMPORARY ISSUES IS DEVOTED TO STUDYING THE HISTORICAL ORIGINS AND DEVELOPMENT OF DOMESTIC AND FOREIGN POLITICAL AND SOCIAL PROBLEMS THAT CONFRONT CONTEMPORARY HUMANITY. POSSIBLE THEMES TO EXPLORE INCLUDE REGIONAL STUDIES, AS WELL AS ISSUES OF GLOBAL CONCERN SUCH AS ENVIRONMENTAL ISSUES, THE WAR ON TERROR, WORLD POVERTY, SUSTAINABLE DEVELOPMENT AND GLOBAL ECONOMIC DEVELOPMENT. SPECIFIC TOPICS TO EXPLORE WILL BE DEVELOPED IN CONJUNCTION WITH THE STUDENTS ACCORDING TO THEIR INTERESTS AND NEEDS. THIS CLASS IS DESIGNED TO GIVE STUDENTS AN ACTIVE ROLE IN THEIR LEARNING. STUDENTS WILL BE REQUIRED TO WORK WITHIN SMALL GROUPS TO DISCOVER, LEARN, TEACH, AND REFLECT ON ISSUES THAT AFFECT ALL OF US GLOBALLY. PUBLIC SPEAKING IS A MAJOR ASPECT OF THIS CLASS.

PSYCHOLOGY COURSE #: 1290
 TERM: SEMESTER PREREQUISITES: NONE
 CREDIT: 0.50
 GRADE: 12 FEE: NONE
 WHY ARE PEOPLE SUPERSTITIOUS? WHY DO PEOPLE BLUSH WHEN THEY ARE EMBARRASSED? WHAT IS INTELLIGENCE? IN THIS COURSE, WE WILL EXPLORE THESE QUESTIONS AND THE METHODS USED TO INVESTIGATE THEM. THE PRIMARY GOAL OF THE COURSE IS TO INSTILL WITHIN STUDENTS AN UNDERSTANDING AS TO WHY PEOPLE ARE THE WAY THEY ARE. WE WILL FOCUS OUR STUDY ON INDIVIDUAL BEHAVIOR AND WHY AN INDIVIDUAL THINKS, FEELS, AND REACTS TO CERTAIN STIMULI. MAJOR EMPHASIS WILL BE PLACED ON RESEARCH METHODS, STAGES IN CHILDHOOD AND ADOLESCENCE, HOW THE BRAIN WORKS, PSYCHOLOGICAL TESTING, AND PSYCHOLOGICAL DISORDERS.

SOCIAL STUDIES

MODERN WORLD HISTORY

TERM: YEAR
CREDIT: 1.00
GRADE: 9

COURSE #: 1270

PREREQUISITES: NONE

FEE: NONE

THIS COURSE EXAMINES WORLD EVENTS FROM 1600 TO THE PRESENT. IT EXPLORES THE IMPACT OF THE DEMOCRATIC AND INDUSTRIAL REVOLUTIONS, THE FORCES THAT LED TO WORLD DOMINATION BY EUROPEAN POWERS, THE WARS THAT CHANGED EMPIRES, THE IDEAS THAT LED TO INDEPENDENCE MOVEMENTS AND THE EFFECTS OF GLOBAL INTERDEPENDENCE. THE CONCEPTS OF HISTORICAL THINKING INTRODUCED IN EARLIER GRADES CONTINUE TO BUILD WITH STUDENTS LOCATING AND ANALYZING PRIMARY AND SECONDARY SOURCES FROM MULTIPLE PERSPECTIVES TO DRAW CONCLUSIONS.

AMERICAN HISTORY

TERM: YEAR
CREDIT: 1.00
GRADE: 10

COURSE #: 1220

PREREQUISITES: NONE

FEE: NONE

THIS COURSE EXAMINES THE HISTORY OF THE UNITED STATES OF AMERICA FROM 1877 TO THE PRESENT. THE FEDERAL REPUBLIC HAS WITHSTOOD CHALLENGES TO ITS NATIONAL SECURITY AND EXPANDED THE RIGHTS AND ROLES OF ITS CITIZENS. THE EPISODES OF ITS PAST HAVE SHAPED THE NATURE OF THE COUNTRY TODAY AND PREPARED IT TO ATTEND TO THE CHALLENGES OF TOMORROW. UNDERSTANDING HOW THESE EVENTS CAME TO PASS AND THEIR MEANING FOR TODAY'S CITIZENS IS THE PURPOSE OF THIS COURSE. THE CONCEPTS OF HISTORICAL THINKING INTRODUCED IN EARLIER GRADES CONTINUE TO BUILD WITH STUDENTS LOCATING AND ANALYZING PRIMARY AND SECONDARY SOURCES FROM MULTIPLE PERSPECTIVES TO DRAW CONCLUSIONS.

ADVANCED PLACEMENT UNITED STATES HISTORY

TERM: YEAR
CREDIT: 1.00
GRADE: 10, 11, 12

COURSE #: 1276

PREREQUISITES: NONE

FEE: None

Note: WEIGHTED COURSE

MANY PEOPLE VIEW HISTORY MERELY AS A SET OF DATES AND FACTS TO BE MEMORIZED, BUT HISTORY IS MUCH MORE THAN THAT. HISTORY IS AN ORGANIC AND EVER-CHANGING DISCIPLINE, PERIODICALLY DISCOVERING NEW EVIDENCE AND REVISING OLD COMMONLY HELD BELIEFS. IT'S NOT ENOUGH TO LEARN HISTORY ITSELF; ONE MUST LEARN FROM HISTORY THE TRUE ESSENCE OF THE HUMAN EXPERIENCE. THIS COURSE IS A COLLEGE LEVEL COURSE, AND IS DESIGNED FOR THAT PURPOSE. THE ULTIMATE GOAL OF THIS COURSE IS PREPARATION FOR THE AP® EXAM IN THE SPRING. THERE IS AN \$84.00 FEE FOR THIS EXAM. THROUGH THIS COURSE, STUDENTS WILL BE PROVIDED WITH CONTENT, PRACTICAL KNOWLEDGE OF U.S. HISTORY, PRACTICE IN CRITICAL THINKING ACTIVITIES, AND EXPERIENCE IN EFFECTIVE WRITING TECHNIQUES THAT WILL BETTER PREPARE THEM FOR NOT ONLY THE AP EXAM BUT ALSO THEIR FUTURE EDUCATIONAL AREAS. THIS COURSE IS DIVIDED INTO PERIODS OF TIME AND EMPHASIZES THEMES THROUGHOUT AMERICAN HISTORY. THESE THEMES INCLUDE THE AMERICAN IDENTITY, ECONOMIC EVOLUTION, AND AMERICAN FOREIGN POLICY. THIS WILL BE A RIGOROUS COURSE, BUT IT WILL ALSO BE ENJOYABLE. HARD WORK AND DEDICATION WILL BE ESSENTIAL TO SUCCESS.

HIST1010 & HIST1030 WILL BE OFFERED UNDER DUAL ENROLLMENT. 3 SEMESTER CREDIT HOURS EACH FOR A TOTAL OF 6 SEMESTER HOURS. AMERICAN HISTORY AND CULTURE TO 1877: AMERICAN HISTORY AND CULTURE FROM 1877.

RHINO 3D III

TERM: SEMESTER
CREDIT: 0.50
GRADES: 10, 11, 12

COURSE #: 0156

PREREQUISITE: RHINO 3D II
RECOMMENDATION

FEE: \$17.00

RHINO 3D III IS A CONTINUATION OF RHINO 3D II WITH HIGHER, ACCELERATED EXPECTATIONS OF QUALITY AND QUANTITY OF ARTWORK TO BE PRODUCED. STUDENTS USE THEIR TIME TO EXPLORE THE PATHS OF THEIR CHOOSING RELATED TO FIELDS IN THE 3D DIGITAL ARTS.

ADVANCED CERAMICS AND SCULPTURE II

TERM: SEMESTER
CREDIT: 0.50
GRADES: 10, 11, 12

COURSE #: 0117

PREREQUISITE: ADVANCED CERAMICS
RECOMMENDATION

FEE: \$20.00

ADVANCED CERAMICS AND SCULPTURE II IS A CONTINUATION OF ADVANCED CERAMICS WITH HIGHER, ACCELERATED EXPECTATIONS OF QUALITY AND QUANTITY OF ARTWORK TO BE PRODUCED. STUDENTS ARE PUSHED TO EXPLORE THEIR OWN ARTISTIC STYLE AND EXPRESSION.

ADVANCED STUDIO JEWELRY II

TERM: SEMESTER
CREDIT: 0.50
GRADES: 11, 12

COURSE #: 0132

PREREQUISITE: ADVANCED STUDIO JEWELRY I
RECOMMENDATION

FEE: \$25.00

WHO ARE YOU? STUDENTS TAKING THIS CLASS WILL STUDY CASTING PROCESS IN COMBINATION WITH FABRICATION METHODS, CHAIN MAKING, WEAVING METAL, METAL ENAMELING, HOLLOW FORMS, FOUND OBJECTS. STUDENT TAKING THIS CLASS WILL BE EXPLORING IN DEPTH THEIR PASSION FOR METALS! INDIVIDUAL STYLE AND EXPRESSION IS STRONGLY ENCOURAGED!! A WEEKLY GRADED PERSONAL JOURNAL WILL BE SUBMITTED TO THE INSTRUCTOR. JOURNALS WILL BE PROVIDED

LEVEL FOUR

ADVANCED PAINTING II

TERM: SEMESTER
CREDIT: 0.50
GRADE: 11, 12

COURSE #: 0114

PREREQUISITE: ADVANCED PAINTING
RECOMMENDATION

FEE: \$17.00

ADVANCED PAINTING II IS A CONTINUATION OF ADVANCED PAINTING WITH HIGHER, ACCELERATED EXPECTATIONS OF QUALITY AND QUANTITY OF ARTWORK TO BE PRODUCED.

ADVANCED DRAWING II

TERM: SEMESTER
CREDIT: 0.50
GRADES: 11, 12

COURSE #: 0127

PREREQUISITE: ADVANCED DRAWING I
RECOMMENDATION

FEE: \$15.00

ADVANCED DRAWING II IS A CONTINUATION OF ADVANCED DRAWING WITH HIGHER, ACCELERATED EXPECTATIONS OF QUALITY AND QUANTITY OF ARTWORK TO BE PRODUCED.

ADVANCED CERAMICS AND SCULPTURE III

TERM: SEMESTER
CREDIT: 0.50
GRADES: 10, 11, 12

COURSE #: 0119

PREREQUISITE: ADVANCED CERAMICS II
RECOMMENDATION

FEE: \$20.00

ADVANCED CERAMICS AND SCULPTURE III IS A CONTINUATION OF ADVANCED CERAMICS II WITH HIGHER, ACCELERATED EXPECTATIONS OF QUALITY AND QUANTITY OF ARTWORK TO BE PRODUCED. STUDENTS ARE PUSHED TO DEVELOP THEIR OWN ARTISTIC STYLE AND TO CREATE SERIES OF ARTWORK THAT EXPRESS THEIR OWN IDEALS AS AN ARTIST.

BUSINESS & TECHNOLOGY

BASIC COMPUTER SKILLS

COURSE #: 0274

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

FEE: NONE

THIS COURSE IS DESIGNED FOR STUDENTS WHO NEED TO IMPROVE THEIR PROFICIENCY USING MICROSOFT OFFICE. EMPHASIS IS PUT ON INCREASING KEYBOARDING SPEED BY USING CORRECT FINGERING. STUDENTS WILL USE WORD AND EXCEL SOFTWARE IN APPLICATIONS THAT WILL PREPARE THEM FOR COMPLETING PROJECTS IN HIGH SCHOOL, COLLEGE, AND THEIR PERSONAL LIVES. IN WORD STUDENTS WILL LEARN TO FORMAT PERSONAL AND BUSINESS LETTERS, RESEARCH PAPERS, AND RESUMES. STUDENTS WILL LEARN TO USE MARGINS, HEADERS, FOOTERS, SECTION BREAKS, AND TABLES TO GIVE THEIR DOCUMENTS A PROFESSIONAL APPEARANCE. IN EXCEL STUDENTS WILL LEARN TO USE FORMULAS AND SORTING FUNCTIONS IN ORDER TO ORGANIZE AND SUMMARIZE DATA. STUDENTS WILL ALSO LEARN TO CREATE PROFESSIONAL-LOOKING CHARTS THAT WILL HELP THEM PREPARE COLLEGE LAB REPORTS OR ORGANIZED HOUSEHOLD BUDGETS

COLLEGE PREP COMPUTER SKILLS

COURSE #: 0275

TERM: SEMESTER

CREDIT: 0.50

GRADE: 10, 11, 12

PREREQUISITE: NONE

FEE: NONE

THIS COURSE WILL PREPARE COLLEGE-BOUND STUDENTS WITH MAJORS RANGING FROM BUSINESS TO SCIENCE, ENGINEERING, OR MEDICAL FIELDS TO USE A VARIETY OF COMPUTER APPLICATIONS REQUIRED FOR TYPICAL COLLEGE ASSIGNMENTS. ALONG WITH THE TYPICAL TERM PAPERS, MANY COLLEGE COURSES INVOLVE THE USE OF SPREADSHEETS TO ORGANIZE AND PRESENT DATA, AS WELL AS BASIC COMPUTER PROGRAMMING TO COMPLETE MATH, SCIENCE, OR TECHNOLOGY PROJECTS. COLLEGE PREP COMPUTER SKILLS PROVIDES "HANDS ON" EXPERIENCE IN USING DRAGON NATURALLY SPEAKING VOICE RECOGNITION SOFTWARE, EXCEL SPREADSHEETS, AND INTRODUCTORY LEVEL PROGRAMMING LANGUAGES. STUDENTS WILL ALSO HAVE THE OPPORTUNITY TO EXPLORE COMPUTER COMPONENTS AND EXPERIENCE ASSEMBLING AND DISASSEMBLING BASIC HARDWARE INCLUDING THE PROCESSOR, COOLING SYSTEM, AND MEMORY. NO PRIOR COMPUTER HARDWARE OR PROGRAMMING EXPERIENCE IS NECESSARY.

ACCOUNTING I

COURSE #: 0222

TERM: SEMESTER

CREDIT: 0.50

GRADES: 9, 10, 11, 12

PREREQUISITE: NONE

FEE: \$40.00

MANY CAREERS REQUIRE KNOWLEDGE OF BASIC ACCOUNTING PRINCIPLES IN ORDER TO HAVE A THOROUGH UNDERSTANDING OF JOB RESPONSIBILITIES. THIS COURSE TEACHES ACCOUNTING CONCEPTS USED FOR MAKING FINANCIAL DECISIONS IN THE BUSINESS WORLD. EMPHASIS IS PLACED ON THE ANALYSIS AND RECORDING OF BUSINESS TRANSACTIONS; PREPARATION AND INTERPRETATION OF FINANCIAL STATEMENTS; ACCOUNTING SYSTEMS; BANKING AND PAYROLL ACTIVITIES; ALONG WITH BASIC TYPES OF BUSINESS OWNERSHIP. STUDENTS WILL USE A HANDS-ON APPROACH USING AN ACCOUNTING WORKBOOK SUPPLEMENTED WITH ACCOUNTING COMPUTER SOFTWARE. THIS COURSE IS HIGHLY RECOMMENDED FOR ALL STUDENTS INTERESTED IN PURSUING ANY BUSINESS-RELATED CAREER.

ORGANIC CHEMISTRY

TERM: SEMESTER

CREDIT: 0.50

GRADE: 12

COURSE #: 1155

PREREQUISITES: "B" IN AP CHEMISTRY AND WITH INSTRUCTOR'S APPROVAL; SENIORS IN AP CHEMISTRY CAN TAKE THIS COURSE 2ND SEMESTER CONCURRENTLY WITH AP CHEMISTRY WITH INSTRUCTOR'S APPROVAL.
FEE: NONE

THIS IS AN INDEPENDENT STUDY COURSE IN ORGANIC CHEMISTRY WITH THE GOAL BEING THAT STUDENTS WILL GAIN A HEAD START IN DEVELOPING A GOOD BACKGROUND IN THIS FIELD. STUDENTS WILL GAIN THEIR KNOWLEDGE VIA THEIR TEXTBOOK, INTERNET WEB SITES, AND WEEKLY MEETINGS WITH THE INSTRUCTOR. STUDENTS WILL CHECK THEIR OWN UNDERSTANDING OF THE MATERIAL WITH THE PROBLEMS IN THE TEXTBOOK AND CHECKING THE ANSWERS IN THE BACK OR BY USING THE INSTRUCTOR'S ANSWER KEY. THE ASSESSMENTS OF STUDENT UNDERSTANDING, FROM THE INSTRUCTOR'S POINT OF VIEW, WILL BE IN THE FORM OF OPEN NOTES TEST (USING THE TEXTBOOK WILL NOT BE ALLOWED) AFTER STUDYING THE CHAPTER—THERE WILL BE A TEST EVERY 3 WEEKS. THIS COURSE IS A PASS/FAIL WITH 71% NEEDED TO PASS.

SCIENCE SEQUENCE #1

- ⇒ **GRADE 9:** BIOLOGY OR AP BIOLOGY (MUST HAVE "A" IN GRADE 8 SCIENCE & "B" IN ALGEBRA I)
- ⇒ **GRADE 10:** CHEMISTRY
- ⇒ **GRADE 11:** PHYSICS AND /OR AP CHEMISTRY
- ⇒ **GRADE 12:** AP CHEMISTRY AND /OR PHYSICS, ELECTIVES

A STUDENT WHO PURSUES THIS SEQUENCE MAY TAKE THE REMAINING TWO UPPER-LEVEL COURSES, ANATOMY OR INTEGRATED GEOLOGY/ECOLOGY, SIMULTANEOUSLY WITH ANY OF THE ABOVE COURSES EXCEPT BIOLOGY.

NOTE: A STUDENT'S MATH SEQUENCE MUST BE PLANNED ALONG WITH THE SCIENCE SEQUENCE IN SOME CASES BECAUSE PHYSICS REQUIRES ALGEBRA II.

SCIENCE SEQUENCE #2

- ⇒ **GRADE 9:** INTEGRATED SCIENCE
- ⇒ **GRADE 10:** BIOLOGY OR AP BIOLOGY (MUST HAVE AN "A" IN INT. SCIENCE AND "B" IN ALGEBRA)
- ⇒ **GRADE 11:** CHEMISTRY AND/OR ANATOMY AND/OR INTEGRATED GEOLOGY/ ECOLOGY
- ⇒ **GRADE 12:** MAY TAKE AS ELECTIVES ANY OF THE COURSES PRINTED UNDER GRADE 11 NOT PREVIOUSLY TAKEN.

NOTE: DURING ALL SCIENCE LABS STUDENTS ARE EXPECTED TO WEAR APPROVED SAFETY GOGGLES, WHICH WILL BE PROVIDED, AND CLOSED TOED SHOES. NO EXCEPTIONS.

ADVANCED PLACEMENT PHYSICS

TERM: YEAR
 CREDIT: 1.00
 GRADES: 11, 12

NOTE: WEIGHTED COURSE

BIG IDEAS (BI) AP PHYSICS 1 IS CONTAINED IN 6 BIG IDEAS THAT WEAVE BETWEEN THE UNITS.
 BIG IDEA 1: OBJECTS AND SYSTEMS HAVE PROPERTIES SUCH AS MASS AND CHARGE. SYSTEMS MAY HAVE INTERNAL STRUCTURE.
 BIG IDEA 2: FIELDS EXISTING IN SPACE CAN BE USED TO EXPLAIN INTERACTIONS.
 BIG IDEA 3: THE INTERACTIONS OF AN OBJECT WITH OTHER OBJECTS CAN BE DESCRIBED BY FORCES.
 BIG IDEA 4: INTERACTIONS BETWEEN SYSTEMS CAN RESULT IN CHANGES IN THOSE SYSTEMS.
 BIG IDEA 5: CHANGES THAT OCCUR AS A RESULT OF INTERACTIONS ARE CONSTRAINED BY CONSERVATION LAWS.
 BIG IDEA 6: WAVES CAN TRANSFER ENERGY AND MOMENTUM FROM ONE LOCATION TO ANOTHER WITHOUT THE PERMANENT TRANSFER OF MASS AND SERVE AS A MATHEMATICAL MODEL FOR THE DESCRIPTION OF OTHER PHENOMENA.

CLASS WORK IS NOT CENTERED ON THE MEMORIZATION OF FACTS, BUT RATHER ON DEVELOPING LOGICAL THOUGHT PROCESSES BY PROBLEM SOLVING. THE APPLICATION OF THAT LOGIC IS USED IN NEW BUT SIMILAR SITUATIONS IN THE LAB EXERCISES AND THEORIES THAT ARE DISCUSSED.

THIS COURSE IS DESIGNED TO PREPARE STUDENTS TO TAKE THE AP 1 PHYSICS TEST

GENERAL PHYSICS 1 (DUAL CREDIT)

TERM: FULL YEAR
 CREDITS: 4 SEM HOURS
 GRADES: 11, 12

A STUDY OF CLASSICAL NEWTONIAN MECHANICS INCLUDING MEASUREMENT SYSTEMS, DIMENSIONAL ANALYSIS, VECTORS, SCALARS, LINEAR, CIRCULAR AND ROTATIONAL MOTION, FORCES IN EQUILIBRIUM, ACCELERATION, WORK, AND ENERGY. A STUDY OF MATERIAL PROPERTIES INCLUDING DENSITY, AND HYDRAULIC PRINCIPLES (BOTH STATIC AND KINETIC). ALSO A STUDY OF WAVES, AND SOUND INCLUDING SIMPLE HARMONIC MOTION, VIBRATIONS, REFLECTION, TRANSMISSION, INTERFERENCE, AND RESONANCE FOR WAVES, AND INTENSITY, SOURCES, INTERFERENCE, AND DOPPLER EFFECT FOR SOUND.

ENVIRONMENTAL SCIENCE

TERM: YEAR
 CREDIT: 1.00
 GRADES: 11, 12

INTEGRATED ECOLOGY AND GEOLOGY IS DESIGNED TO COMPLETE THE SCIENCE REQUIREMENTS OF NON-SCIENCE MAJOR COLLEGE BOUND STUDENTS. THIS COURSE EXPLORES THE GEOLOGICAL FORMATION PHYSICAL CHARACTERISTICS, AND MAJOR BIOLOGICAL/ECOLOGICAL COMPONENTS OF THE ENVIRONMENT. THE COURSE SURVEYS COMPONENTS OF ECOSYSTEMS, INCLUDING ENERGY FLOW AND THE DYNAMICS OF POPULATIONS AND COMMUNITIES. IT WILL EXPLORE PROCESSES THAT AFFECT NATURAL ENVIRONMENTS, THE IMPACT OF HUMAN ACTIVITIES ON ECOSYSTEMS, AND IMPORTANT ENVIRONMENTAL ISSUES, BOTH HISTORICAL AND CURRENT.

COURSE #: 1131

PREREQUISITE: "C" IN CHEMISTRY & ALGEBRA II

FEE: \$10.00

ACCOUNTING II

TERM: SEMESTER
 CREDIT: 0.50
 GRADES: 9, 10, 11, 12

THIS COURSE IS A CONTINUATION OF ACCOUNTING I. STUDENTS WILL LEARN ADVANCED ACCOUNTING PROCEDURES AND FINANCIAL REPORTING IN THE CORPORATE WORLD. ALONG WITH MANUAL ACCOUNTING PROCESSES, STUDENTS WILL MAKE EXTENSIVE USE OF ACCOUNTING SOFTWARE AND SPREADSHEETS. AN ACCOUNTING SIMULATION WILL PROVIDE REAL-WORLD ACCOUNTING EXPERIENCE.

COURSE #: 0223

PREREQUISITE: "C" IN ACCOUNTING I

FEE: \$24.00

PERSONAL AND BUSINESS LAW

TERM: SEMESTER
 CREDIT: 0.50
 GRADES: 9, 10, 11, 12

THIS SEMESTER COURSE IS DESIGNED TO GIVE STUDENTS FUNDAMENTAL AND USEABLE KNOWLEDGE OF LAW AS IT APPLIES IN ONE'S PERSONAL LIFE AND THE BUSINESS WORLD. THE PERSONAL LAW ASPECT OF THIS COURSE COVERS PERSONAL RIGHTS AND FREEDOMS, THE LEGAL PROCESS FROM ARREST OR COMPLAINT TO FINAL SETTLEMENT; THE ROLE OF JURORS; AND CONSUMER FRAUD. THE BUSINESS LAW ASPECT OF THIS COURSE COVERS LIABILITY ASSUMED BY ORGANIZATIONS AND THE ROLE OF CONTRACTS IN BUSINESS TRANSACTIONS. CRITICAL THINKING SKILLS ARE REINFORCED IN THIS COURSE ALONG WITH THE IMPORTANCE OF COMMUNICATION AND TEAMWORK.

COURSE #: 0230

PREREQUISITE: NONE

FEE: NONE

PERSONAL FINANCE

TERM: SEMESTER
 CREDIT: 0.50
 GRADES: 10, 11, 12

PERSONAL FINANCE IS DESIGNED FOR STUDENTS WANTING TO LEARN HOW TO MANAGE THEIR HARD-EARNED MONEY. TOPICS COVERED INCLUDE MATERIAL THAT WILL PERTAIN TO STUDENTS' LIVES NOW AS THEY BEGIN TO EARN MONEY, AS WELL AS LATER IN THEIR LIVES AS THEY PLAN FOR SENDING THEIR OWN CHILDREN TO COLLEGE AND LOOK FORWARD TO RETIREMENT. SPECIFIC ITEMS TO BE DISCUSSED IN CLASS INCLUDE BUDGETING, BANKING, CREDIT CARDS AND CREDIT CARD INTEREST, APARTMENT LEASES, PURCHASING AND LEASING AUTOMOBILES, TAXES, ALONG WITH INVESTING FOR RETIREMENT. THE EMPHASIS OF THE COURSE IS ON REAL-LIFE MONEY MANAGEMENT SKILLS.

COURSE #: 0264

PREREQUISITE: NONE

FEE: NONE

INTRO TO BUSINESS

TERM: SEMESTER
 CREDIT: 0.50
 GRADES: 11, 12

THE STUDENT WILL BE GIVEN A BROAD VIEW OF BUSINESS WHILE INTRODUCING THE IMPORTANCE OF ENTREPRENEURSHIP. THIS VIEW WILL INCLUDE DETERMINING THE INTERACTIONS THAT BUSINESSES AND ENTREPRENEURS HAVE WITH THE BUSINESS ENVIRONMENT (GLOBAL AND LOCAL). ADDITIONALLY, THE COURSE INTRODUCES THE KEY FUNCTIONS OF BUSINESS TO INCLUDE MANAGEMENT, OPERATIONS AND QUALITY, HUMAN RESOURCES, MARKETING, FINANCE, ACCOUNTING, AND RISK MANAGEMENT.

COURSE #: 0240

PREREQUISITE: NONE

FEE: NONE

**BUSM2050—INTRO TO BUSINESS
AND ENTREPRENEURSHIP (DUAL CREDIT)**

TERM: SEMESTER
CREDIT: 3 CR HRS.
GRADES: 11, 12

THE STUDENT WILL BE GIVEN A BROAD VIEW OF BUSINESS WHILE INTRODUCING THE IMPORTANCE OF ENTREPRENEURSHIP. THIS VIEW WILL INCLUDE DETERMINING THE INTERACTIONS THAT BUSINESSES AND ENTREPRENEURS HAVE WITH THE BUSINESS ENVIRONMENT (GLOBAL AND LOCAL). ADDITIONALLY, THE COURSE INTRODUCES THE KEY FUNCTIONS OF BUSINESS TO INCLUDE MANAGEMENT, OPERATIONS AND QUALITY, HUMAN RESOURCES, MARKETING, FINANCE, ACCOUNTING, AND RISK MANAGEMENT.

COURSE #: BUSM2050

PREREQUISITE: **ACT READING SCORE OF
18 OR COMPASS READING SCORE OF 80**

FEE: NONE

MARKETING

TERM: SEMESTER
CREDIT: 0.50
GRADES: 11, 12

MARKETING ACTIVITIES, ANALYSIS, STRATEGIES, AND DECISION MAKING IN THE CONTEXT OF OTHER BUSINESS FUNCTIONS. TOPICS INCLUDE: INTEGRATION OF PRODUCT, PRICE, PROMOTION, AND DISTRIBUTION ACTIVITIES; RESEARCH AND ANALYSIS OF MARKETS, ENVIRONMENTS, COMPETITION, AND CUSTOMERS; MARKET SEGMENTATION AND SELECTION OF TARGET MARKETS; AND EMPHASIS ON BEHAVIOR AND PERSPECTIVES OF CONSUMERS AND ORGANIZATIONAL CUSTOMERS. PLANNING AND DECISION MAKING FOR PRODUCTS AND SERVICES IN PROFIT AND NONPROFIT, DOMESTIC AND GLOBAL SETTINGS.

COURSE #: 0250

PREREQUISITE: NONE

FEE: NONE

BUSM2110—MARKETING (DUAL CREDIT)

TERM: SEMESTER
CREDIT: 3 CR HRS
GRADES: 11, 12

MARKETING ACTIVITIES, ANALYSIS, STRATEGIES, AND DECISION MAKING IN THE CONTEXT OF OTHER BUSINESS FUNCTIONS. TOPICS INCLUDE: INTEGRATION OF PRODUCT, PRICE, PROMOTION, AND DISTRIBUTION ACTIVITIES; RESEARCH AND ANALYSIS OF MARKETS, ENVIRONMENTS, COMPETITION, AND CUSTOMERS; MARKET SEGMENTATION AND SELECTION OF TARGET MARKETS; AND EMPHASIS ON BEHAVIOR AND PERSPECTIVES OF CONSUMERS AND ORGANIZATIONAL CUSTOMERS. PLANNING AND DECISION MAKING FOR PRODUCTS AND SERVICES IN PROFIT AND NONPROFIT, DOMESTIC AND GLOBAL SETTINGS.

COURSE #: BUSM2110

PREREQUISITE: **ACT READING SCORE OF
18 OR COMPASS READING SCORE OF 80**

FEE: NONE

ADVANCED PLACEMENT BIOLOGY

TERM: YEAR
CREDIT: 1.00
GRADES: 9, 10, 11, 12

AP BIOLOGY IS EQUIVALENT TO A GENERAL BIOLOGY COURSE TAKEN IN THE FIRST YEAR OF COLLEGE. AP BIOLOGY STUDENTS WILL STUDY THE CHARACTERISTICS OF LIFE, CELLS, BIOCHEMISTRY OF LIVING THINGS, GENETICS AND ECOLOGY AS DEFINED BY THE STANDARDS OF THE COLLEGE BOARD. STUDENTS WILL PERFORM MANY LABS INCLUDING THOSE REQUIRED BY COLLEGE BOARD SUCH AS GEL ELECTROPHORESIS, BACTERIAL TRANSFORMATION ETC. A MAJOR GOAL OF THE COURSE IS THE UNDERSTANDING OF LIFE AS IT INFLUENCES MAN AND HIS ENVIRONMENT. INCOMING FRESHMEN MUST HAVE AN "A" AVERAGE IN 8TH GRADE SCIENCE AND A "A" AVERAGE IN 8TH GRADE ALGEBRA OR GEOMETRY TO ENROLL. SOPHOMORES MUST HAVE AN "A" AVERAGE IN PHYSICAL SCIENCE AND A "B" AVERAGE IN ALGEBRA OR GEOMETRY TO ENROLL. INCOMING STUDENTS SHOULD CONSIDER THEIR STRENGTHS IN BASIC BIOLOGY AND CHEMISTRY CONCEPTS SINCE AP BIOLOGY WILL BUILD UPON THE BASIC UNDERSTANDING OF BOTH OF THESE SCIENCES.

COURSE #: 1111

PREREQUISITES: SEE BELOW

FEE: \$25.00

ANATOMY & PHYSIOLOGY

TERM: YEAR
CREDIT: 1.00
GRADES: 11, 12

ANATOMY & PHYSIOLOGY IS DESIGNED FOR STUDENTS INTERESTED IN MEDICAL-RELATED FIELDS. THE FIRST SEMESTER IS SPENT COMPARING VARIOUS ANATOMICAL PARTS OF A CAT TO THE HUMAN BEING. THE SECOND SEMESTER IS SPENT COMPARING VARIOUS PHYSIOLOGICAL PROCESSES OF ORGANISMS.

COURSE #: 1112

PREREQUISITE: BIOLOGY

FEE: \$19.00

CHEMISTRY

TERM: YEAR
CREDIT: 1.00
GRADES: 10, 11, 12

CHEMISTRY IS DESIGNED FOR THOSE STUDENTS WHO MAY MAJOR IN A SCIENCE RELATED FIELD (FOR EXAMPLE, PHYSICAL OR BIOLOGICAL SCIENCES, DIETITIAN, ANY HEALTH CAREER AREA, ENGINEERING, ETC.) IN ORDER TO PREPARE FOR COLLEGE CHEMISTRY. AS THE COURSE WILL EMPHASIZE PROBLEM SOLVING AND APPLICATION OF SCIENTIFIC PRINCIPLES, ALGEBRA SKILLS ARE NECESSARY. METHODS OF INSTRUCTION WILL INCLUDE LECTURE, HOMEWORK, GROUP WORK, AND LABORATORY WORK.

COURSE #: 1121

PREREQUISITE: "C" IN BIOLOGY OR TAKE CONCURRENTLY, "C" IN ALGEBRA I OR "B" IN ALGEBRA

FEE: \$25.00

ADVANCED PLACEMENT CHEMISTRY

TERM: YEAR
CREDIT: 1.00
GRADES: 11,12

NOTE: WEIGHTED COURSE

ADVANCED PLACEMENT CHEMISTRY IS DESIGNED TO BE THE EQUIVALENT OF THE GENERAL CHEMISTRY COURSE USUALLY TAKEN DURING THE FIRST COLLEGE YEAR. FOR SOME STUDENTS, THIS COURSE ENABLES THEM TO UNDERTAKE, AS FRESHMEN, SECOND-YEAR WORK IN THE CHEMISTRY SEQUENCE IN COLLEGE OR TO REGISTER IN COURSES IN OTHER FIELDS WHERE GENERAL CHEMISTRY IS A PREREQUISITE. FOR OTHERS, THIS COURSE FULFILLS THE LABORATORY SCIENCE REQUIREMENTS AND MAY FREE TIME FOR OTHER COLLEGE COURSES. THE COURSE WILL INCLUDE THEORY AND CONCEPTS ON TOPICS SUCH AS NOMENCLATURE, STOICHIOMETRY, REACTION TYPES, THERMOCHEMISTRY, ATOMIC STRUCTURE AND BONDING, PHYSICAL STATE (SOLIDS, LIQUIDS, AND GASES—FORCES WITHIN THEM AND THEIR PROPERTIES), SOLUTIONS, KINETICS, EQUILIBRIUM, ACID-BASE THEORIES, THERMODYNAMICS, ELECTROCHEMISTRY, NUCLEAR CHEMISTRY, AND DESCRIPTIVE CHEMISTRY. FURTHERMORE, THE LABORATORY WORK WILL BE EQUIVALENT TO A FIRST-YEAR COLLEGE CHEMISTRY COURSE AND WILL REQUIRE A HIGHER DEGREE OF TECHNIQUE, ANALYSIS, AND ACCURACY THAN WHAT IS EXPECTED OF FIRST-YEAR HIGH SCHOOL CHEMISTRY STUDENTS. STUDENTS SHOULD BE PREPARED TO SPEND MUCH TIME ON THIS COURSE OUTSIDE OF CLASS (STUDYING AND FINISHING LAB WORK). TO EARN POSSIBLE COLLEGE CREDIT, STUDENTS WILL TAKE THE AP CHEMISTRY IN MAY. STUDENTS CAN ALSO PETITION COLLEGES TO GET CREDIT FOR LAB COURSES.

COURSE #: 1123

PREREQUISITE: "B" IN CHEMISTRY, "C" IN ALGEBRA II OR TAKING ALGEBRA II CONCURRENTLY

FEE: \$25.00

JAZZ BAND

TERM: YEAR
 CREDIT: 1.00
 GRADES: 9, 10, 11, 12

JAZZ BAND IS BOTH ELECTIVE AND SELECTIVE. IT PROVIDES AN INSTRUMENTAL MUSIC EXPERIENCE FOR THE SERIOUS WIND AND PERCUSSION PLAYERS IN THE FIELD OF JAZZ. THE NUMBER IN THIS GROUP IS LIMITED, AIMING TOWARD A WELL-BALANCED JAZZ ENSEMBLE. THOSE STUDENTS ENROLLED IN JAZZ BAND MUST CURRENTLY BE ENROLLED IN BAND OR IN ORCHESTRA. JAZZ BAND AUDITIONS WILL BE HELD IN THE SPRING OF THE PRECEDING YEAR. THE GROUP PERFORMS AT DANCES, CIVIC MEETINGS, CONCERTS, BOY'S BASKETBALL GAMES AND FESTIVALS. DUE TO THE HIGH LEVEL OF EXPECTATION, MEMBERSHIP IN JAZZ BAND REQUIRES A SERIOUS COMMITMENT. PARTICIPATION IN GROUP PERFORMANCES AND CONCERTS IS REQUIRED FOR CONTINUED MEMBERSHIP.

COURSE #: 0942

PREREQUISITE: AUDITION, ENROLLED IN BAND OR ORCHESTRA
 FEE: NONE

ORCHESTRA

TERM: YEAR
 CREDIT: 1.00
 GRADES: 9, 10, 11, 12

ORCHESTRA IS BOTH ELECTIVE AND SELECTIVE. IT PROVIDES A CULMINATING EXPERIENCE FOR THE SERIOUS STRING, WIND, AND PERCUSSION PLAYERS IN THE AREA OF ORCHESTRAL MUSIC. ADVANCED TECHNIQUE AND MUSICIANSHIP ARE OUR GOALS THROUGH PREPARATION OF CONCERT AND CONTEST REPERTOIRE. AREAS TAUGHT DURING THE COURSE ARE CONTEMPORARY AND STANDARD ORCHESTRAL LITERATURE, CULTURAL FOLK LITERATURE, POP LITERATURE AND MUSIC THEORY. WOODWIND, BRASS, AND PERCUSSION PLAYERS MUST AUDITION AND/OR HAVE PERMISSION BY THE DIRECTOR FOR MEMBERSHIP INTO THE ORCHESTRA. PARTICIPATION IN ALL PERFORMANCES IS PART OF THE COURSE AND REQUIRED FOR CONTINUED MEMBERSHIP. ORCHESTRA MEMBERS ARE ENCOURAGED TO PARTICIPATE IN DISTRICT 10 SOLO AND ENSEMBLE CONTEST. JUNIOR AND SENIOR WIND, BRASS, AND PERCUSSION STUDENTS ARE GIVEN FIRST PRIORITY BEFORE FRESHMAN AND SOPHOMORES.

COURSE #: 0960

PREREQUISITE: AUDITION
 FEE: NONE

SCIENCE

INTEGRATED SCIENCE

TERM: YEAR
 CREDIT: 1.00
 GRADE: 9

INTEGRATED SCIENCE IS A COURSE WHICH EXPLORES TOPICS IN EARTH SCIENCE, CHEMISTRY AND PHYSICS. STUDENTS WILL DEVELOP LAB SKILLS, SCIENTIFIC REASONING ABILITY AND CONCEPTUAL KNOWLEDGE. THE COURSE PREPARES STUDENTS FOR FUTURE SCIENCE CLASSES.

COURSE #: 1103

PREREQUISITE: NONE
 FEE: \$16.00

BIOLOGY

TERM: YEAR
 CREDIT: 1.00
 GRADE: 9, 10

BIOLOGY STUDENTS WILL STUDY GENETICS, EVOLUTION, ECOLOGY, THE CHARACTERISTICS OF LIFE, CELLS STRUCTURE AND FUNCTION, FUNGI AND PLANT STRUCTURE AND GROWTH. STUDENTS WILL ALSO PERFORM DISSECTIONS OF PRESERVED ORGANISMS. A MAJOR GOAL OF THE COURSE IS THE UNDERSTANDING OF LIFE AS IT INFLUENCES MAN AND HIS ENVIRONMENT. INCOMING FRESHMEN MUST HAVE AN "A" AVERAGE IN 8TH GRADE SCIENCE AND A "B" AVERAGE IN 8TH GRADE ALGEBRA I TO ENROLL.

COURSE #: 1110

PREREQUISITE: NONE
 FEE: \$10.00

ENGLISH

ENGLISH 9

TERM: YEAR
 CREDIT: 1.00
 GRADE: 9

English 9 includes a study of short stories, plays, novels, and nonfiction; informational texts are used to support and explore thematic connections within literature and writing units. Mechanics, usage, grammar, spelling and vocabulary are incorporated in composition. By utilizing the writing process, students review narration and develop skills in description and persuasion. The course also introduces research skills and literary analysis.

COURSE #: 0302

PREREQUISITE: NONE
 FEE: \$12.00

ADVANCED ENGLISH 9

TERM: YEAR
 CREDIT: 1.00
 GRADE: 9

NOTE: WEIGHTED COURSE

ADVANCED ENGLISH 9 IS DESIGNED TO BE AN INTENSIFIED VERSION OF THE TRADITIONAL ENGLISH 9 COURSE. ADVANCED ENGLISH 9 CONCENTRATES ON THE CONNECTION BETWEEN READING AND WRITING, USING ADDITIONAL LITERATURE FROM THE TEXTBOOK AND OUTSIDE SOURCES AS MODELS FOR ADDITIONAL WRITING ASSIGNMENTS. INFORMATIONAL TEXTS ARE USED TO SUPPORT AND EXPLORE THEMATIC CONNECTIONS WITHIN LITERATURE AND WRITING UNITS. LITERATURE STUDY INCLUDES SHORT STORIES, PLAYS, POETRY, NOVELS, AND ESSAYS, ALL PROMOTING ADVANCED ANALYTICAL THINKING SKILLS. THE COMPOSITION ASSIGNMENTS DEMAND A MASTERY OF BASIC WRITING CONVENTIONS AND PROCESS, FOCUSING MORE ON THE WRITING APPLICATION. THE COMPOSITION ASSIGNMENTS INCLUDE EXPOSITORY, NARRATIVE, PERSUASIVE AND ANALYTICAL WRITING, AS WELL AS RESEARCH. MECHANICS, USAGE, AND GRAMMAR ARE INCORPORATED INTO THE COURSE THROUGH VARIOUS WRITING ASSIGNMENTS. VOCABULARY STUDY FOCUSES ON SAT AND ACT PREPARATION. STUDENTS SHOULD DISPLAY THE ABILITY AND DRIVE TO WORK AND LEARN INDEPENDENTLY AND COLLABORATIVELY. INDEPENDENT READING, WRITING, AND RESEARCH ARE A REQUIRED PART OF THE COURSE, INCLUDING THE SUCCESSFUL COMPLETION OF A SUMMER READING/COMPOSITION ASSIGNMENT. STUDENTS WILL ACQUIRE THEIR OWN COPY OF ASSIGNED SUMMER READING MATERIAL.

COURSE #: 0301

PREREQUISITE: NONE
 FEE: \$12.00

ENGLISH 10

TERM: YEAR
 CREDIT: 1.00
 GRADE: 10

ENGLISH 10 FOCUSES ON VOCABULARY DEVELOPMENT, WORLD LITERATURE, (INCLUDING FICTION, NON-FICTION, PROSE, AND POETRY), AND EXPOSITORY WRITING. INFORMATIONAL TEXTS ARE USED TO SUPPORT AND EXPLORE THEMATIC CONNECTIONS WITHIN LITERATURE AND WRITING UNITS. UTILIZING THE WRITING PROCESS, STUDENTS FURTHER DEVELOP SKILLS IN PERSUASIVE COMPOSITION AND LITERARY ANALYSIS. THIS COURSE CONTINUES TO DEVELOP RESEARCH SKILLS AND PROVIDES INSTRUCTION IN MECHANICS, USAGE, GRAMMAR, AND SPELLING AS THEY RELATE TO COMPOSITION.

COURSE #: 0303

PREREQUISITE: ENGLISH 9
 FEE: \$12.00

ADVANCED ENGLISH 10

TERM: YEAR
 CREDIT: 1.00
 GRADE: 10

COURSE #: 0304

PREREQUISITE: ADVANCED ENGLISH 9 OR
 ENGLISH 9
FEE: \$12.00

NOTE: WEIGHTED COURSE

ADVANCED ENGLISH 10 IS DESIGNED TO BE AN INTENSIFIED VERSION OF THE TRADITIONAL ENGLISH 10 COURSE. ADVANCED ENGLISH 10 CONCENTRATES ON THE CONNECTION BETWEEN READING AND WRITING, USING ADDITIONAL LITERATURE FROM THE TEXTBOOK AND OUTSIDE SOURCES AS MODELS FOR ADDITIONAL WRITING ASSIGNMENTS. THE LITERATURE STUDY PROMOTES ADVANCED ANALYSIS OF WORLD LITERATURE FICTION AND NONFICTION, INCLUDING PROSE AND POETRY. INFORMATIONAL TEXTS ARE USED TO SUPPORT AND EXPLORE THEMATIC CONNECTIONS WITHIN LITERATURE AND WRITING UNITS. THE COMPOSITION ASSIGNMENTS DEMAND A MASTERY OF BASIC WRITING CONVENTIONS AND PROCESS, FOCUSING MORE ON THE WRITING APPLICATION. THE ASSIGNMENTS IN NARRATIVE, EXPOSITORY, PERSUASIVE, ANALYTICAL, AND RESEARCH WRITING BUILDS ON THE FOUNDATION SET IN ADVANCED ENGLISH 9. MECHANICS, USAGE, AND GRAMMAR ARE INCORPORATED INTO THE COURSE THROUGH VARIOUS WRITING ASSIGNMENTS. VOCABULARY STUDY FOCUSES ON SAT AND ACT PREPARATION. STUDENTS SHOULD DISPLAY THE ABILITY AND DRIVE TO WORK AND LEARN INDEPENDENTLY AND COLLABORATIVELY. INDEPENDENT READING, WRITING, AND RESEARCH ARE A REQUIRED PART OF THE COURSE, INCLUDING THE SUCCESSFUL COMPLETION OF A SUMMER READING/COMPOSITION ASSIGNMENT. STUDENTS WILL ACQUIRE THEIR OWN COPY OF ASSIGNED SUMMER READING MATERIAL.

ENGLISH 11

TERM: YEAR
 CREDIT: 1.00
 GRADE: 11

COURSE #: 0308

PREREQUISITE: ENGLISH 9 & 10
FEE: \$11.00

ENGLISH 11 INCLUDES A SURVEY OF AMERICAN AND BRITISH AUTHORS AND TEXTS TO ACQUAINT THE STUDENT WITH OUR LITERARY HERITAGE. THE STUDENTS STUDY AUTHORS, POETS, AND PLAYWRIGHTS FROM EARLIEST TIMES TO THE PRESENT. IN ADDITION TO SELECTIONS FROM THE TEXT, STUDENTS READ SELECTED SUPPLEMENTAL NOVELS, ESSAYS, AND PLAYS. INFORMATIONAL TEXTS ARE USED TO SUPPORT AND EXPLORE THEMATIC CONNECTIONS WITHIN LITERATURE AND WRITING UNITS. COMPOSITION CENTERS ON MASTERING PERSUASION WHILE REFINING LITERARY ANALYSIS, ALONG WITH COMPLETING A PERSUASIVE RESEARCH PAPER. MECHANICS, USAGE, GRAMMAR, AND VOCABULARY ARE INCORPORATED INTO THE CURRICULUM. ENGLISH 11 STUDENTS PARTICIPATE IN A JOB SHADOWING DAY.

**ADVANCED PLACEMENT
LITERATURE AND COMPOSITION 11**

TERM: YEAR
 CREDIT: 1.00
 GRADE: 11

COURSE #: 0307

PREREQUISITE: ADVANCED ENGLISH 9, 10
 OR ENGLISH 9, 10
FEE: \$11.00

NOTE: WEIGHTED COURSE

AP LITERATURE & COMPOSITION 11 IS DESIGNED TO BE NOT ONLY AN INTENSIFIED VERSION OF THE TRADITIONAL ENGLISH 11 COURSE, BUT A SIMILAR VERSION OF AN INTRODUCTORY COLLEGE ENGLISH LITERATURE COURSE. AP LITERATURE & COMPOSITION 11 CONCENTRATES ON THE CONNECTION BETWEEN READING RIGOROUS LITERARY TEXTS AND A VARIETY OF WRITING TASKS, SPECIFICALLY LITERARY ANALYSIS, OVER BOTH FICTION AND NONFICTION FROM A WIDE VARIETY OF GENRES. A SUMMER ASSIGNMENT IS A REQUIRED PART OF THE COURSE; STUDENTS MUST OBTAIN THEIR OWN COPY OF ASSIGNED READING MATERIAL. PREPARATION FOR THE ADVANCED PLACEMENT (AP) ENGLISH LITERATURE AND COMPOSITION TEST IS ALSO PART OF THIS COURSE.

WOMEN'S CHORUS

TERM: YEAR
 CREDIT: 1.00
 GRADES: 9, 10, 11, 12

COURSE #: 0954

PREREQUISITE: NONE
FEE: \$10.00 (WORKBOOK)

THIS ELECTIVE COURSE IS A CHORAL PERFORMING GROUP FOR STUDENTS WHO HAVE A DESIRE TO WORK AND A WILLINGNESS TO COOPERATE. STUDENTS MUST MEET THE CRITERIA FOR SOPRANO/ALTO (SA) SINGING. THIS GROUP SPECIALIZES IN CHORAL WORKS SUITABLE FOR SCHOOL AND COMMUNITY. THE LITERATURE USED COVERS A WIDE RANGE OF CLASSICAL, SECULAR, AND SACRED MUSIC AS WELL AS POP, MUSICAL THEATER, ROCK, AND JAZZ. MEMBERS OF THIS GROUP WILL LEARN LITERATURE AND VOCAL TECHNIQUES SPECIFIC TO THE FEMALE VOICE. PERFORMANCES AT SCHOOL PROGRAMS, CONCERTS, AND CONTESTS ARE A REQUIREMENT FOR EACH MEMBER OF THIS GROUP. ADDITIONAL FACTORS IN THE GRADING PROCESS INCLUDE PERSONAL AND GROUP PROGRESS, WEEKLY CLASSROOM PERFORMANCE, AND WRITTEN WORK. THIS CLASS IS OPEN TO ANY FEMALE STUDENT, IN GRADES 9-12, WHO MEETS THE (SA) CRITERIA AND NO PREVIOUS CHORAL EXPERIENCE IS REQUIRED. AN AUDITION IS NOT REQUIRED. THIS COURSE SATISFIES ONE (1) CREDIT TOWARD THE ELECTIVE OR FINE ARTS REQUIREMENT FOR GRADUATION.

CONCERT BAND

TERM: YEAR
 CREDIT: 1.00
 GRADES: 9, 10

COURSE #: 0940

PREREQUISITE: PERMISSION OF DIRECTOR
FEE: NONE

CONCERT BAND IS ELECTIVE AND SELECTIVE. IT PROVIDES AN INSTRUMENTAL MUSIC EXPERIENCE FOR THE SERIOUS WOODWIND, BRASS AND PERCUSSION PLAYERS IN THE AREA OF INSTRUMENTAL MUSIC. ADVANCED TECHNIQUE AND ABOVE AVERAGE MUSICIANSHIP ARE OUR GOALS THROUGH PREPARATION OF CONCERT AND CONTEST REPERTOIRE. AREAS TAUGHT DURING THE COURSE ARE CONTEMPORARY AND STANDARD BAND LITERATURE, CULTURAL FOLK LITERATURE, POP LITERATURE, AND MUSIC THEORY. PARTICIPATION IN ALL PERFORMANCES IS PART OF THE COURSE AND REQUIRED FOR CONTINUED MEMBERSHIP. BAND MEMBERS ARE ENCOURAGED TO PARTICIPATE IN THE DISTRICT 10 SOLO AND ENSEMBLE CONTEST. (MARCHING BAND IS NOT A PART OF THIS COURSE, HOWEVER, PARTICIPATION IN THIS CO-CURRICULAR ACTIVITY IS ENCOURAGED.)

SYMPHONIC BAND

TERM: YEAR
 CREDIT: 1.00
 GRADES: 11, 12

COURSE #: 0941

PREREQUISITE: PERMISSION OF DIRECTOR
FEE: NONE

SYMPHONIC BAND IS ELECTIVE AND SELECTIVE. IT PROVIDES A CULMINATING EXPERIENCE FOR THE SERIOUS WOODWIND, BRASS, AND PERCUSSION PLAYERS IN THE AREA OF INSTRUMENTAL MUSIC. ADVANCED TECHNIQUE AND MUSICIANSHIP WILL BE LEARNED THROUGH THE PREPARATION OF THE FINEST IN SYMPHONIC, WIND & PERCUSSION LITERATURE. CONCEPTS COVERED ARE CONTEMPORARY, CULTURAL FOLK, STANDARD, AND POP MUSIC FROM WHICH THEY WERE COMPOSED. PARTICIPATION IN ALL PERFORMANCES IS PART OF THE COURSE AND REQUIRED FOR CONTINUED MEMBERSHIP. BAND MEMBERS ARE ENCOURAGED TO PARTICIPATE IN DISTRICT 10 SOLO AND ENSEMBLE CONTEST. (MARCHING BAND IS NOT A PART OF THIS COURSE, HOWEVER, PARTICIPATION IN THIS CO-CURRICULAR ACTIVITY IS STRONGLY ENCOURAGED.)

INTRODUCTORY STATISTICS & PROBABILITY

TERM: YEAR

CREDIT: 0.50

GRADES: 11, 12

INTRODUCTORY STATISTICS & PROBABILITY IS AIMED AT THE STUDENT WHO IS PREPARING FOR SUCH FIELDS AS ECONOMICS, BUSINESS, EDUCATION, PSYCHOLOGY, SOCIOLOGY, BIOLOGY, MEDICINE, MATH, PHYSICAL SCIENCE OR ENGINEERING SCIENCE WHICH NOW MAKE EXTENSIVE USE OF STATISTICS. THIS COURSE WILL INCLUDE A TREATMENT OF RANDOM VARIABLE, BINOMIAL DISTRIBUTION, SAMPLINGS, ESTIMATION THEORY, STATISTICAL METHODS IN DETERMINING CONFIDENCE INTERVALS AND SIGNIFICANT LEVELS, AND FINALLY HYPOTHESIS TESTING. (A TI-83 OR TI-84 GRAPHING CALCULATOR IS RECOMMENDED).

COURSE #: 0873

PREREQUISITE: ALGEBRA II

FEE: NONE

MUSIC

FIRE-N-ICE

TERM: YEAR

CREDIT: 1.00

GRADES: 9, 10, 11, 12

POP ENSEMBLE (FIRE-N-ICE) IS A SELECT CHORAL PERFORMANCE CLASS WHOSE MEMBERS ARE CHOSEN BY AUDITION. THE LITERATURE USED WILL BE PRIMARILY POP MUSIC AND MUSICAL THEATER, BUT WILL COVER A RANGE OF CLASSICAL, SECULAR, AND SACRED MUSIC, AS WELL. MEMBERS WILL PERFORM CHOREOGRAPHY WHICH ACCOMPANIES SONGS. THE PERFORMANCES AT SCHOOL PROGRAMS, CONCERTS, COMMUNITY EVENTS AND CONTESTS ARE A REQUIREMENT FOR EACH MEMBER OF THIS GROUP. REHEARSALS OUTSIDE OF THE SCHOOL DAY MAY BE NECESSARY, ESPECIALLY PRECEDING A PERFORMANCE. ADDITIONAL FACTORS IN THE GRADING PROCESS INCLUDE PERSONAL AND GROUP PROGRESS, WEEKLY CLASSROOM PERFORMANCE, AND WRITTEN WORK. THIS CLASS IS OPEN TO ANY STUDENT GRADES 9-12 AND REQUIRES AN AUDITION EACH YEAR. STUDENTS WHO ARE NOT SELECTED BY AUDITION WILL BE REGISTERED IN MEN'S CHORUS OR WOMEN'S CHORUS. THIS COURSE SATISFIES ONE (1) CREDIT TOWARD THE ELECTIVE OR FINE ARTS REQUIREMENT FOR GRADUATION.

COURSE #: 0952

PREREQUISITE: AUDITION

FEE: \$10.00 (WORKBOOK)**MEN'S CHORUS**

TERM: YEAR

CREDIT: 1.00

GRADES: 9, 10, 11, 12

THIS ELECTIVE COURSE IS A CHORAL PERFORMING GROUP FOR STUDENTS WHO HAVE A DESIRE TO WORK AND A WILLINGNESS TO COOPERATE. STUDENTS MUST MEET THE CRITERIA FOR TENOR/BARITONE (TB) SINGING. THIS GROUP SPECIALIZES IN CHORAL WORKS SUITABLE FOR SCHOOL AND COMMUNITY. THE LITERATURE USED COVERS A WIDE RANGE OF CLASSICAL, SECULAR, AND SACRED MUSIC AS WELL AS POP, MUSICAL THEATER, ROCK, AND JAZZ. MEMBERS OF THIS GROUP WILL LEARN LITERATURE AND VOCAL TECHNIQUES SPECIFIC TO THE MALE VOICE. THE PERFORMANCES AT SCHOOL PROGRAMS, CONCERTS, AND CONTESTS ARE A REQUIREMENT FOR EACH MEMBER OF THIS GROUP. ADDITIONAL FACTORS IN THE GRADING PROCESS INCLUDE PERSONAL AND GROUP PROGRESS, WEEKLY CLASSROOM PERFORMANCE, AND WRITTEN WORK. THIS CLASS IS OPEN TO ANY MALE STUDENT, IN GRADES 9-12, WHO MEETS THE TB CRITERIA AND NO PREVIOUS CHORAL MUSIC EXPERIENCE IS REQUIRED. AN AUDITION IS NOT REQUIRED. THIS COURSE SATISFIES ONE (1) CREDIT TOWARD THE ELECTIVE OR FINE ARTS REQUIREMENT FOR GRADUATION.

COURSE #: 0953

PREREQUISITE: NONE

FEE: \$10.00 (WORKBOOK)**ENGLISH 12**

TERM: YEAR

CREDIT: 1.00

GRADE: 12

ENGLISH 12 INCLUDES IN-DEPTH ANALYSIS OVER A VARIETY OF PERIODS, AUTHORS, AND GENRES INCLUDING PLAYS, NOVELS, AND NON-FICTION. INFORMATIONAL TEXTS ARE USED TO SUPPORT AND EXPLORE THEMATIC CONNECTIONS WITHIN LITERATURE AND WRITING UNITS. COMPOSITION CENTERS ON COLLEGE APPLICATION ESSAY, A RESEARCH PAPER, AND LITERARY ANALYSIS. SENIORS ARE EXPECTED TO WORK TOWARD MASTERING LITERARY ANALYSIS AND TO COMPLETE A RESEARCH PAPER. GRAMMAR, USAGE, MECHANICS, AND VOCABULARY ARE INCORPORATED INTO THE CURRICULUM.

COURSE #: 0310

PREREQUISITE: ENGLISH 9, 10, 11

FEE: \$11.00**ADVANCED PLACEMENT LANGUAGE AND COMPOSITION 12**

TERM: YEAR

CREDIT: 1.00

GRADE: 12

NOTE: WEIGHTED COURSE

AP LANGUAGE & COMPOSITION 12 IS DESIGNED TO BE NOT ONLY AN INTENSIFIED VERSION OF THE TRADITIONAL ENGLISH 12 COURSE, BUT A SIMILAR VERSION OF AN INTRODUCTORY COLLEGE ENGLISH COURSE. AP LANGUAGE & COMPOSITION 12 CONCENTRATES ON RHETORIC, ANALYSIS, AND RHETORIC; THE CLASS PARTICULARLY FOCUSES ON THE CONNECTION BETWEEN READING COMPLEX TEXTS, BOTH FICTION AND NONFICTION FROM A WIDE VARIETY OF GENRES, AND A VARIETY OF WRITING TASKS. A SUMMER ASSIGNMENT IS A REQUIRED PART OF THE COURSE; STUDENTS MUST OBTAIN THEIR OWN COPY OF ASSIGNED READING MATERIAL. PREPARATION FOR THE ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE AND COMPOSITION TEST IS ALSO PART OF THIS COURSE.

COURSE #: 0311

PREREQUISITE: ENGLISH 9, 10, 11

FEE: \$11.00**READING FOR COLLEGE**

TERM: SEMESTER

AL

CREDIT: 0.50

GRADE: 11, 12

THIS IS AN INDEPENDENT STUDY COURSE ONLY. READING FOR COLLEGE CENTERS ON WORKS THAT ENHANCE THE STUDENT LITERARY EXPERIENCES. THE COURSE INSTRUCTS STUDENTS IN ANALYTICAL READING. THEY CONCENTRATE ON VARIED READINGS, FOCUSING ON THE NOVEL AS A FORM. EVALUATIONS INCLUDE BOTH ESSAY, AND OBJECTIVE TESTS, COMPOSITIONS, PROJECTS, AND PRESENTATIONS.

COURSE #: 0323

PREREQUISITE: INSTRUCTOR/ADMIN APPROVAL

FEE: NONE

YEARBOOK PRODUCTION

TERM: YEAR
CREDIT: 1.00
GRADES: 10, 11, 12

COURSE #: 0343

PREREQUISITE: COMPUTER ART RECOMMENDED BUT NOT REQUIRED

FEE: \$6.00

YEARBOOK PRODUCTION STUDENTS STUDY ASPECTS OF JOURNALISM AND THE RESPONSIBILITY OF THE PRESS TO INFORM. STUDENTS ALSO ANALYZE THE MASS MEDIA, GATHER AND EVALUATE INFORMATION, RECOGNIZE, WRITE AND EVALUATE VARIOUS JOURNALISTIC STYLES, LEARN AND USE EDITING SKILLS AND RECOGNIZE EFFECTIVE COMMUNICATION AND ITS RELATIONSHIP TO PHOTOGRAPHY, ART, GRAPHICS AND DESIGN. STUDENTS WILL BECOME PROFICIENT WITH THE PROGRAMS USED TO CREATE THE YEARBOOK. PRIOR KNOWLEDGE OF INDESIGN AND PHOTOSHOP IS BENEFICIAL BUT NOT REQUIRED. STUDENTS SET GOALS, SOLVE PROBLEMS, MAKE DECISIONS, ASSUME RESPONSIBILITY AND WORK COOPERATIVELY TO DESIGN AND PRODUCE THE YEARBOOK. THE SUMMER REQUIREMENT FOR EACH STUDENT IN THE CLASS IS TO SELL \$650 IN ADS. THIS IS AN IMPORTANT GRADE DURING THE 1ST 6 WEEKS. CLASS SIZE IS LIMITED AND IS DETERMINED BY YOUR APPLICATION, WILLINGNESS TO SELL ADS, RECOMMENDATIONS, AND FINAL APPROVAL BY THE ADVISORS.

FAMILY & CONSUMER SCIENCE

LIFE & STUDY SKILLS

TERM: SEMESTER
CREDIT: 0.50
GRADE: 9

COURSE #: 0400

PREREQUISITE: *REQUIRED COURSE

FEE: \$5.00

THROUGH A VARIETY OF ACTIVITIES AND ASSESSMENTS, STUDENTS WILL INCREASE THEIR UNDERSTANDING AND APPLICATION OF THE FOLLOWING CONCEPTS WHICH PROVIDE TOOLS NEEDED FOR SUCCESSFUL DECISION MAKING IN LIFE. TOPICS COVERED WILL INCLUDE: ORGANIZING ENVIRONMENTS; MANAGEMENT OF RESOURCES; ADOPTION OF IMPROVED STUDY AND TESTING COMPETENCIES; DEVELOPMENT AND ACHIEVING OF GOALS; EFFECTIVE COMMUNICATION STRATEGIES; AWARENESS OF TECHNOLOGICAL AND SOCIAL NETWORK IMPLICATIONS; IMPLEMENTATION OF STRESS MANAGEMENT TOOLS; RECOGNITION OF POSITIVE AND NEGATIVE RELATIONSHIPS; INTRODUCTION TO PERSONAL WELLNESS AND POSITIVE COPING SKILLS; AWARENESS OF GRIEF, LOSS AND COPING STRATEGIES; ACKNOWLEDGEMENT OF RESPECT ISSUES; UTILIZATION OF CONFLICT RESOLUTION SKILLS; ACQUISITION OF PROBLEM SOLVING SKILLS AND THE INCORPORATION OF LEARNED LEADERSHIP SKILLS.

HEALTH & PHYSICAL EDUCATION

PHYSICAL EDUCATION

TERM: SEMESTER
CREDIT: 0.25
GRADES: 9, 10

COURSE #: BOYS 0510 GIRLS 0511

PREREQUISITE: NONE

FEE: NONE

PHYSICAL EDUCATION PROVIDES AN OPPORTUNITY FOR STUDENTS TO DEVELOP KNOWLEDGE OF AND APPRECIATION FOR VARIOUS PHYSICAL FITNESS ACTIVITIES. INCREASING COORDINATION, IMPROVING FITNESS, INCREASING ABILITIES, AND SKILLS, DEMONSTRATING GOOD SPORTSMANSHIP AND CITIZENSHIP THROUGH TEAM AND INDIVIDUAL ACTIVITIES ARE GOALS OF THE COURSE. EMPHASIS IS PLACED ON PHYSICAL FITNESS. DRESS REQUIREMENTS: PURPLE SHORTS OR PURPLE SWEATPANTS AND GOLD T-SHIRTS WITH SLEEVES OR GOLD SWEATSHIRTS. **STUDENTS NEED TO CHANGE GYM CLOTHING DAILY.**

ADVANCED MATH

TERM: YEAR
CREDIT: 1.00
GRADES: 11, 12

COURSE #: 0849

PREREQUISITE: COMPLETED ALGEBRA II
PREVIOUS TEACHER RECOMMENDATION
FEE: NONE

ADVANCED MATH IS A COURSE THAT HAS TOPICS OF BOTH PRE-CALCULUS AND ELEMENTARY CALCULUS IN IT. TOPICS COVERED WILL INCLUDE FUNCTIONS, LOGARITHMS, CONIC SECTIONS, LIMITS, ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS, AND TRIGONOMETRY. THIS COURSE WILL PREPARE STUDENTS FOR THEIR FIRST COLLEGE MATH CLASS. A GRAPHING CALCULATOR IS REQUIRED. (IF PURCHASING A NEW GRAPHING CALCULATOR, A TI-83 OR ABOVE IS RECOMMENDED.)

PRE-CALCULUS

TERM: YEAR
CREDIT: 1.00
GRADES: 10, 11, 12

COURSE #: 0852

PREREQUISITE: ENRICHED ALGEBRA II OR
PREVIOUS TEACHER RECOMMENDATION

FEE: NONE

NOTE: WEIGHTED COURSE

PRE-CALCULUS IS AN EXTENSION OF ENRICHED ALGEBRA II OR ALGEBRA II DESIGNED TO PREPARE STUDENTS FOR COLLEGE-LEVEL MATHEMATICS, ESPECIALLY CALCULUS. STUDENTS WILL WORK WITH A VARIETY OF FUNCTIONS INCLUDING LINEAR, POLYNOMIAL, EXPONENTIAL, LOGARITHMIC, AND TRIGONOMETRIC FUNCTIONS. OTHER TOPICS COVERED IN THIS CLASS MAY INCLUDE VECTORS, SEQUENCES AND SERIES, CONIC SECTIONS AND POLAR GRAPHS. A GRAPHING CALCULATOR IS REQUIRED. (IF PURCHASING A NEW GRAPHING CALCULATOR, A TI-83 OR ABOVE IS RECOMMENDED.)

ADVANCED PLACEMENT CALCULUS

TERM: YEAR
CREDIT: 1.00
GRADES: 11, 12

COURSE #: 0860

PREREQUISITE: PREVIOUS TEACHER
RECOMMENDATION
FEE: NONE

NOTE: WEIGHTED COURSE

ADVANCED PLACEMENT CALCULUS COVERS BOTH DIFFERENTIAL AND INTEGRAL CALCULUS AND IS GEARED FOR THE PREPARATION OF THE STUDENT PLANNING TO ENTER THE FIELDS OF ENGINEERING, PHYSICS, OR OTHER MATHEMATICALLY ORIENTATED COLLEGE OR TECHNICAL PROGRAMS. THE COURSE WILL BE DESIGNED FOR THE STUDENTS WHO MAY WISH TO TAKE THE AP CALCULUS EXAM. A GRAPHING CALCULATOR IS REQUIRED. (IF BUYING A NEW CALCULATOR, A TI-83 OR ABOVE IS RECOMMENDED.)

APPLIED MATHEMATICS & FUNCTIONS

TERM: YEAR
CREDIT: 1.00
GRADE: 12

COURSE #: 0855

PREREQUISITE: ALGEBRA II (C OR LOWER)
FEE: NONE

THE COURSE IS DESIGNED FOR SENIORS THAT HAVE PASSED ALGEBRA II, AND DO NOT PLAN TO MAJOR IN A TECHNOLOGICAL FIELD SUCH AS MEDICINE, ENGINEERING, MATH, OR COMPUTER SCIENCE. THE CONCEPTS WILL BE COVERED IN A NON-SEQUENTIAL FASHION. THESE CONCEPTS ARE ONES THAT ARE COVERED IN A COLLEGE FINITE MATH COURSE. THEY INCLUDE GRAPHING, SYSTEM OF EQUATIONS, MATRICES, LINEAR PROGRAMMING, AND MATHEMATICS OF FINANCE THAT DEAL WITH APPLICATIONS TO BIOLOGY, BUSINESS, ECONOMICS, AND OTHER SOCIAL SCIENCE.

MATHEMATICS

ALGEBRA I

TERM: YEAR
CREDIT: 1.00
GRADES: 9

COURSE #: 0821
PREREQUISITE: NONE

FEE: NONE

ALGEBRA I IS A NON-WEIGHTED FULL-YEAR COURSE WORTH 1 CREDIT. THIS INTRODUCTORY COURSE IN ALGEBRA SERVES TO ACQUAINT STUDENTS WITH FUNDAMENTALS OF HIGHER MATHEMATICS AND BUILDS A FOUNDATION FOR MORE ADVANCED COURSES. ALGEBRA I INCLUDES WORK WITH ALGEBRAIC SYMBOLS, OPERATIONS, AND EQUATIONS. PARTICULAR EMPHASIS IS PLACED ON EXERCISES BASED ON EACH NEW CONCEPT. EVERY CONCEPT BUILDS ON THE ONE BEFORE IT, ADDING TO TOTAL COMPREHENSION OF THE SUBJECT.

GEOMETRY

TERM: YEAR
CREDIT: 1.00
GRADES: 10

COURSE #: 0830
PREREQUISITE: ALGEBRA I

FEE: NONE

GEOMETRY IS A NON-WEIGHTED FULL-YEAR COURSE WORTH 1 CREDIT. THE COURSE IS DESIGNED TO "LEARN BY DOING." YOU WILL LEARN TO USE THE TOOLS OF GEOMETRY AND TECHNOLOGY TO PERFORM INVESTIGATIONS AND DISCOVER PROPERTIES OF PLANE AND SOLID GEOMETRIC FIGURES. A COMPASS, PROTRACTOR, RULER, GRAPH PAPER, AND A SCIENTIFIC CALCULATOR ARE REQUIRED. YOU WILL ALSO INVESTIGATE INTRODUCTORY CONCEPTS IN TRIGONOMETRY.

ENRICHED GEOMETRY

TERM: YEAR
CREDIT: 1.00
GRADES: 9, 10,

NOTE: WEIGHTED COURSE

ENRICHED GEOMETRY IS AN ABSTRACT APPROACH OF THE GEOMETRIC CONCEPTS THAT WILL PREPARE STUDENTS FOR HIGH SCHOOL CALCULUS.

COURSE #: 0831
PREREQUISITE: "B" IN 8TH GRADE ALG I,
9TH GRADER PREVIOUS TEACHER
RECOMMENDATION
FEE: NONE

ALGEBRA II

TERM: YEAR
CREDIT: 1.00
GRADES: 11

COURSE #: 0822
PREREQUISITE: ALGEBRA I & GEOMETRY

FEE: NONE

ALGEBRA II IS A REVIEW AND CONTINUATION OF ALGEBRA I COVERING SUCH TOPICS AS ALGEBRAIC MANIPULATION, FUNCTIONAL RELATIONSHIPS, QUADRATIC AND HIGHER DEGREE EQUATIONS, ARITHMETIC AND GEOMETRIC SERIES, AND LOGARITHMS. (SOME MAY BE TAKING GEOMETRY CONCURRENTLY.)

ENRICHED ALGEBRA II

TERM: YEAR
CREDIT: 1.00
GRADES: 9, 10, 11

NOTE: WEIGHTED COURSE

ENRICHED ALGEBRA II IS AN ABSTRACT APPROACH OF THE ALGEBRA II CONCEPTS THAT WILL PREPARE STUDENTS FOR HIGH SCHOOL CALCULUS.

COURSE #: 0824
PREREQUISITE: PREVIOUS TEACHER
RECOMMENDATION
FEE: NONE

HEALTH

TERM: SEMESTER
CREDIT: 0.50
GRADES: 10

COURSE #: 0512
PREREQUISITE: NONE

FEE: NONE

HEALTH IS A REQUIRED COURSE OF STUDY DEALING WITH SOME OF THE SYSTEMS OF THE BODY AS THEY RELATE TO STUDENTS NOW AND INTO THEIR FUTURES. SPECIAL EMPHASIS IS GIVEN TO MENTAL HEALTH, DATING ABUSE, DISTRACTED DRIVING, MELANOMA AND OTHER CANCERS, COPING WITH LOSSES, NUTRIENT, FAMILY STRESS AND SUPPORT SYSTEMS FOR THE FAMILY, SOCIAL DISEASES, CPR/FIRST AID/AED, CHEMICAL ABUSE, AND HUMAN SEXUALITY. WE UNDERSTAND THAT HUMAN SEXUALITY IS A SENSITIVE ISSUE. PARENTS WHO WISH TO VIEW THIS IMPORTANT UNIT IN ADVANCE WITH THE INSTRUCTOR MAY DO SO BY CONTACTING THE BUILDING PRINCIPAL.

WEIGHT TRAINING

TERM: SEMESTER
CREDIT: 0.50
GRADES: 10, 11, 12

COURSE #: 0530
PREREQUISITE: NONE

FEE: NONE

WEIGHT TRAINING HAS LIMITED SECTIONS AVAILABLE; PRIORITY WILL BE GIVEN TO JUNIORS AND SENIORS. ACTIVITIES WILL INCLUDE POWER LIFTING AND HIGH INTENSITY WEIGHT TRAINING. STUDENTS WILL LEARN TO DESIGN AND IMPLEMENT THEIR OWN TRAINING PROGRAM TO MEET SPECIFIC INDIVIDUAL NEEDS. THIS COURSE IS GEARED TOWARD ATHLETES WHO ARE INTERESTED IN IMPROVING THEIR STRENGTH AND SPEED FOR SPORTS. ALL WORKOUT PROGRAMS MUST BE APPROVED BY THE INSTRUCTOR. STUDENTS MAY REPEAT THIS COURSE (ONCE FOR NO CREDIT) WITH PERMISSION OF THE TEACHER IF SPACE IS AVAILABLE. DRESS REQUIREMENTS: SHORTS OR SWEATPANTS AND T-SHIRTS WITH SLEEVES OR SWEATSHIRTS. **STUDENTS NEED TO CHANGE GYM CLOTHING DAILY.**

FITNESS AND TEAM SPORTS

TERM: SEMESTER
CREDIT: 0.50
GRADES: 11, 12

COURSE #: 0550
PREREQUISITE: PHYSICAL EDUCATION

FEE: NONE

THIS COURSE IS DESIGNED FOR INDIVIDUALS INTERESTED IN BASIC RESISTANCE AND AEROBIC TRAINING AND BODY DEVELOPMENT. STUDENTS SHOULD HAVE A DESIRE TO IMPROVE SKILLS AND CONDITIONING THROUGH TEAM SPORTS, **AND WILL BE REQUIRED TO TAKE THE PRESIDENTIAL FITNESS TEST.** SPECIFIC GOALS ARE TO IMPROVE PHYSICAL STRENGTH, ENDURANCE, FLEXIBILITY AND TEAM SPORT SKILLS. **REQUIREMENTS: PURPLE SHORTS OR PURPLE SWEATPANTS AND GOLD T-SHIRTS WITH SLEEVES OR GOLD SWEATSHIRTS. STUDENTS NEED TO CHANGE GYM CLOTHING DAILY.**

SUMMER PHYSICAL EDUCATION

DESCRIPTION OF COURSE: PHYSICAL EDUCATION PROVIDES AN OPPORTUNITY FOR STUDENTS TO DEVELOP KNOWLEDGE OF AND APPRECIATION FOR A VARIETY OF PHYSICAL ACTIVITIES. GOALS OF THE COURSE INCLUDE INCREASING COORDINATION, IMPROVING FITNESS, INCREASING AGILITY, DEVELOPING SKILLS AND MAINTAINING GOOD SPORTSMANSHIP AND CITIZENSHIP THROUGH TEAM AND INDIVIDUAL SPORTS. SUMMER PHYSICAL EDUCATION WILL PRIMARILY BE AN OUTDOOR ACTIVITY. **FEE: \$90.00**

ATTENDANCE POLICY: BECAUSE THIS IS A CONCENTRATED COURSE, A STRICT ATTENDANCE POLICY WILL BE FOLLOWED IN ORDER FOR THE STUDENT TO RECEIVE CREDIT FOR THE COURSE. WITH A WRITTEN PARENT REQUEST, A STUDENT MAY MISS UP TO EIGHT (8) HOURS (2 DAYS) OF INSTRUCTIONAL TIME. THESE ABSENCES SHOULD BE RESERVED FOR UNAVOIDABLE SITUATIONS ONLY.

ENROLLMENT FORMS WILL BE AVAILABLE DURING SCHEDULING.