

# COURSE DESCRIPTIONS

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

## LANGUAGE ARTS

**All students shall complete four units of English language arts to graduate from Duncanville High School.**

The first three required units may be fulfilled by the following courses: English I, II, III; English Pre-AP I, II, III; English III AP. Students may fulfill the fourth unit of English with the following courses: English IV, English IV (honors), English IV AP, or Practical Writing Skills.

A maximum of two of the four units of English required for graduation may be English as a Second Language (EASL). All credits earned in EASL, which are not counted toward the graduation requirement in English, may be counted as electives in meeting state graduation requirements.

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
<b>1012</b>	<b>ENGLISH I</b>	<b>1</b>	<b>9</b>
<b>Prerequisite: None</b>			
Students in English I read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students practice all forms of writing. An emphasis is placed on organizing logical arguments with clearly expressed related definitions and evidence. Students write answers to open-ended questions, and students write a variety of essays.			
<b>1011</b>	<b>ENGLISH I PRE-AP</b>	<b>1</b>	<b>9</b>
<b>Prerequisite: 8th Grade Honors English; a signed contract indicating awareness of course requirements and expectations. Satisfactory performance on previous year's 8<sup>th</sup> grade Reading section of the TAKS test at the Met Standard level or above.</b>			
This course is the Pre-Advanced Placement class designed for the college-bound student. Students should be highly motivated and self-disciplined. This course emphasizes the use of critical thinking skills. The curriculum stresses the skills of analysis, synthesis, and evaluation through extensive reading, discussion, and composition. Students are expected to complete outside readings selected from the AP suggested reading list. Students will write a number of multi-paragraph essays dealing with literary analysis. The use of diction, imagery, details, language, and sentence structure as each relates to the tone of a speaker or a writer is a major component of the course. Grammar, usage, and vocabulary are stressed primarily in the context of the writing process. Students will also be expected to complete an assigned summer reading project prior to the beginning of class.			
<b>1002</b>	<b>READING I</b>	<b>1</b>	<b>9</b>
<b>Prerequisite: Eighth grade teacher recommendation and entry level test</b>			
Reading offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. All of these strategies are applied in texts that cross all subjects.			
<b>2002</b>	<b>READING RENAISSANCE II</b>	<b>1</b>	<b>10-11</b>
<b>Prerequisite: None</b>			
Reading Renaissance II is a course that emphasizes an appreciation for reading and the development of critical-thinking skills, comprehension strategies, and vocabulary development. Interpretations and understandings will be presented through various forms including use of available technology. Students taking this course could see an increase in their TAKS, ACT, or SAT, scores.			

<b>2012</b>	<b>ENGLISH II</b>	<b>1</b>	<b>10</b>
<b>Prerequisite: English I</b>			
Students in English II read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students practice all forms of writing. An emphasis is placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These personal forms of writing may include a response to literature, a reflective essay, or an autobiographical narrative.			
<b>2011</b>	<b>ENGLISH II PRE-AP</b>	<b>1</b>	<b>10</b>
<b>Prerequisite: Pre-AP English I, Satisfactory performance on previous year's Reading section of the 9<sup>th</sup> grade TAKS test at the Met Standard level or above.</b>			
The Pre-AP English II course is the Pre-Advanced Placement class designed for the college-bound student. This course emphasizes the use of critical thinking skills. Requirements include, but are not limited to, analyzing, synthesizing, and evaluating selected examples of world literature. Students will be expected to complete outside readings selected from the AP suggested reading lists. Composition units will include various modes of discourse such as descriptive, expository, informative, persuasive, and creative writing. Grammar, usage, and vocabulary, will be emphasized primarily in the context of the writing process. Stylistic and rhetorical strategies are necessary for success in future AP courses and in the development of class reading skills. Students will also be expected to complete an assigned summer reading project prior to the beginning of class in the fall.			
<b>3072</b>	<b>READING RENAISSANCE III</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: ENGLISH II</b>			
Reading Renaissance II is a literature-based course that emphasizes an appreciation for reading and the development of critical-thinking skills, comprehension strategies, and vocabulary development. This course is designed for the college-bound student who will respond aesthetically, inquisitively, critically, and actively to texts. Students will increase their reading ability and aptitude through the study of etymology and the interpretation and understanding of archetypes and philosophical truths.			
<b>3012</b>	<b>ENGLISH III</b>	<b>1</b>	<b>11</b>
<b>Prerequisite: English II</b>			
Students practice all forms of writing, including personal narrative, description, literary analysis, compare/contrast, and text based responses. Students study vocabulary, grammar, usage, and other verbal skills as appropriate. English III students read extensively in multiple genres from American and other world literature as well as non-fiction essays. Periods from American literature may include the pre-colonial period, colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20 <sup>th</sup> century, and late 20 <sup>th</sup> century.			
<b>3011</b>	<b>ENGLISH III PRE-AP</b>	<b>1</b>	<b>11</b>
<b>Prerequisite: Pre-AP English II, Satisfactory performance on previous year's English Language Arts section of the TAKS test at the Met Standard level or above.</b>			
Pre-AP English III is an enriched course for college-bound students. This course is a continuation of the skills and concepts that are covered in tenth grade Honors English. These students must exhibit above average proficiency in critical thinking, grammar, usage, vocabulary, and writing. Requirements of the course include, but are not limited to, reading works from American literature, writing critical, analytical essays based on these works, and producing a documented research essay. Pre-AP students will also learn stylistic devices to prepare them for Advanced Placement should they choose that course their senior year.			
<b>3010</b>	<b>ENGLISH III AP - LANGUAGE AND COMPOSITION</b>	<b>1</b>	<b>11</b>
<b>Prerequisite: Pre-AP English II. Students should be competent writers and be very well read. Although no formal criterion is used for admission, students must have strong reading, writing, and analytical skills in order to be successful. Students will complete an assigned summer reading project before returning in August. Satisfactory performance on previous year's English Language Arts section of the TAKS test at the Met Standard level or above.</b>			
English III Advanced Placement is a college-level course for those who want to obtain college freshman English credit, which is determined by the English Language and Composition Exam administered in May by the College Board® at a cost to the student. This course emphasizes the use of extensive critical thinking skills. Students read, analyze, synthesize, and evaluate selected examples of American and world prose, focusing on non-fiction argumentation and stylistic and rhetorical strategies. Requirements include reading college-level American literature from the AP reading list and an AP college-level text as well as writing critical, analytical essays.			

<b>4022</b>	<b>PRACTICAL WRITING SKILLS</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: English III and teacher recommendation</b>			
The study of writing allows high school students to earn one credit while developing skills necessary for composing business letters and requests for information, as well as for completing job applications and resume's. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluations of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their own writing.			
<b>4012</b>	<b>ENGLISH IV</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: English III</b>			
Students are expected to write in a variety of forms, including business, personal, literary, and persuasive texts. English IV students read extensively in multiple genres from British literature and other world literature. Periods from British literature may include the old English period, medieval period, English renaissance, 17 <sup>th</sup> century, 18 <sup>th</sup> century, romantic period, Victorian period, and modern and post-modern period.			
<b>4011</b>	<b>ENGLISH IV HONORS</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: English III PreAP; a signed contract. Satisfactory performance on previous year's English Language Arts section of the TAKS test at the Met Standard level or above.</b>			
Honors English IV is an enriched course for college bound students. This course is a continuation of the skills and concepts that are covered in eleventh grade PreAP English. These students must exhibit above average proficiency in critical thinking, grammar, usage, vocabulary, and writing. Requirements of the course include, but are not limited to, reading works from British literature, writing critical, analytical essays based on these works, and producing a documented research essay.			
<b>4013</b>	<b>ENGLISH IV HONORS DUAL CREDIT</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: English III PreAP; a signed contract. Satisfactory performance on previous year's English Language Arts section of the TAKS test at the Met Standard level or above. Meet entrance requirements for Mountain View College.</b>			
Dual Credit English IV is a college level English course intended for students who wish to receive college credit in high school. The student must enroll concurrently in Mountain View College by completing college registration including taking a placement exam through Mountain View College. If the appropriate scores are achieved, the student can earn a total of 6 college English hours. Student must earn a minimum of a C average for the fall semester to continue in the spring semester of the course. This course is a continuation of the skills and concepts that are covered in eleventh grade PreAP English. These students must exhibit above average proficiency in critical thinking, grammar, usage, vocabulary, and writing. Requirements of the course include, but are not limited to, reading works from British literature, writing critical, analytical essays based on these works, and producing a documented research essay.			
<b>4010</b>	<b>ENGLISH IV AP - LANGUAGE AND LITERATURE</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: Pre-AP English III or AP English III; a signed contract. Satisfactory performance on previous year's English Language Arts section of the TAKS test at the Met Standard level or above.</b>			
English IV Advanced Placement is a college-level course for those who want to obtain credit for their college English course work. This course emphasizes the use of extensive critical thinking skills. Students will read, analyze, synthesize, and evaluate selected examples of British and world literature (prose and poetry) which focus on reading and writing essays of literary criticism. Requirements of the course include, but are not limited to, reading at least one British or world literature (novel or drama) from the AP reading list every six weeks and writing critical, analytical essays, both literary and non-literary, with or without documentation, and in timed settings. This course helps students prepare for the English Literature and Composition Exam administered in May by the College Board® at a cost to the student. Students will also be expected to complete assigned summer reading project prior to the beginning of the class in August.			
<b>3542</b>	<b>CREATIVE WRITING</b>	<b>First Semester</b>	<b>.5 11-12</b>
<b>Prerequisite: English I, II and teacher approval</b>			
The study of creative and imaginative writing allows high school students to earn one credit while developing versatility as a writer. This rigorous composition course asks students to demonstrate their skill in such forms of writing as essays, short stories, poetry, and drama. The student's evaluation of his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.			

**3552 ADV. JOURNALISM - LITERARY MAGAZINE Second Semester .5 11-12**

**Prerequisite: Eng. I, II and teacher approval; also 3542 must be taken before 3552**

Students enrolled in this class will communicate in a variety of forms for a variety of audiences and purposes. Students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will learn journalistic ethics and standards. Students will refine and enhance their journalistic skills, create a writing portfolio, and plan, organize and prepare a literary magazine made up of their own work and of selections solicited from the entire student body.

**3562 ADV. JOURNALISM - LITERARY MAGAZINE Full Year 1 12**

**Prerequisite: 3552 and teacher approval**

This class is for students who love to write. The student will have the opportunity to continue the refinement of writing skills developed in the previous year. They will write both poetry and prose, and produce a book of personal writings, but the main project will be to produce for printing and sales, a literary magazine made up of their own work and of selections solicited from the entire student body.

**3183 READING LAB .5 (Local) 9-11**

**Prerequisite: Counselor placement only**

This is a local elective credit course designed to review reading TAKS (Texas Assessment of Knowledge & Skills) objectives and prepare the student for the 11<sup>th</sup> grade level TAKS Exit exam in the spring.

**4183 READING LAB .5 (Local) 11-12**

**Prerequisite: Counselor Placement Only**

This is a local elective credit course required of all high school students who have not mastered the ELA (English Language Arts) TAKS Exit Exam, which is required for graduation. The course is designed to review language arts TAKS objectives and prepare students for the exit level exam.

## ENGLISH AS A SECOND LANGUAGE

**1022 ENGLISH I Speakers of Other Languages (SOL) 1 9**

**2222 ENGLISH II Speakers of Other Languages (SOL) 1 10**

**Prerequisite: LPAC recommendation**

This basic state credit course provides the student who was born outside of the United States with the exception of the military and whose native language is not English with individual instruction in reading, spelling, and writing the English language. Prior approval of the Language Proficiency Assessment Committee (LPAC) is required for enrollment in this course. A maximum of two state credits in ESOL may be applied toward the English requirement for graduation. (Two credits may be substituted for English I and English II only. Students must take English III and IV.) Any additional units completed will be considered as electives.

**1032 ENGLISH AS A SECOND LANGUAGE I (EASL I) 1 (Local) 9**

**2232 ENGLISH AS A SECOND LANGUAGE II (EASL II) 1 (Local) 10**

**Prerequisite: LPAC recommendation**

This course helps students of limited English proficiency become competent in speaking, reading, writing, and comprehending the English language. The students will receive instruction in the four language skills: listening, speaking, reading and writing. The course will supplement instruction in English I & II SOL or in an Academic English class. Prior approval of the Language Proficiency Assessment Committee (LPAC) is required for enrollment in this course.

**3342 ENGLISH AS A SECOND LANGUAGE III (EASL III) 1 (Local) 11**

**4342 ENGLISH AS A SECOND LANGUAGE IV (EASL IV) 1 (Local) 12**

**Prerequisite: LPAC recommendation**

This is an advanced course designed to assist students who have the need to perfect one or two areas of their language skills with TAKS test prep emphasis. Assistance is provided in adjusting to an academic English course. Prior approval of the Language Proficiency Assessment Committee (LPAC) is required for enrollment in this course.

## JOURNALISM

**1542 JOURNALISM I** **1** **9-12**

**Prerequisite:** Students should have an 80 overall average in their current English class.

This course provides an introduction to the basics of journalism and is a prerequisite for work on the newspaper or yearbook staff. Scope includes forms and styles of journalistic writing, layout, design and production methods, and processes of reporting, editing, basic principles of advertising, fundamentals of photography, production methods and organization of school publications. Skills of critical thinking and writing are emphasized. A strong language arts background is helpful.

**2022 PHOTOJOURNALISM I** **Fall Semester** **.5** **10-12**  
**2082 PHOTOJOURNALISM I** **Spring Semester** **.5** **10-12**

**Prerequisite:** None (Students may take only one semester of Photojournalism I; students taking a full year should also sign up for 2132 – Photojournalism II) \$50 supply fee

**2132 PHOTOJOURNALISM II** **Spring Semester** **.5** **10-12**

**Prerequisite:** Photojournalism 2022 or 2082 and teacher approval - \$50 supply fee

Students in Photojournalism communicate in a variety of forms for a variety of purposes. Students will study the laws and ethical considerations that impact photography. Technology, visual, and electronic media are used as tools for learning as students create, clarify, critique, and produce effective visual representations. Students enrolled in this course will refine and enhance their journalistic skills, plan, prepare, and produce photographs for a journalistic publication. (Students must have a 35mm camera and pay a \$50 supply fee.)

**2142 ADV. JOURNALISM: NEWSPAPER PROD. I** **1** **10-12**  
**2141 ADV. JOURNALISM: NEWSPAPER PROD. II** **(Honors) 1** **11-12**  
**2141 ADV. JOURNALISM: NEWSPAPER PROD. III** **(Honors) 1** **12**

**Prerequisite:** Journalism I, Photojournalism or advisor approval

This course is designed to allow the student to participate in the production of the nationally acclaimed school newspaper, **PANTHER PRINTS**. Students practice basic skills under the conditions of a production situation. Used as a teaching instrument within the approved curriculum, the paper remains under the supervision of the instructor; but the students actually operate the production by working in one or more of the following areas: photography, editing/reporting, business management/advertising typesetting, layout and design. (Students are eligible for Technology Applications credit if needed to satisfy state graduation requirements.)

**2162 ADV. JOURNALISM: YEARBOOK PROD. I** **1** **10-12**  
**2161 ADV. JOURNALISM: YEARBOOK PROD. II** **(Honors) 1** **11-12**  
**2161 ADV. JOURNALISM: YEARBOOK PROD. III** **(Honors) 1** **12**

**Prerequisite:** Journalism I, Photojournalism or advisor approval

This course is designed for journalism students who display a high degree of skill and motivation in the area of yearbook production. Students will practice advanced journalism skills and leadership abilities. They lead the journalism staff in the production of the nationally acclaimed school yearbook, **PANTHER TALE**. They develop advanced and specialized skills in at least one of the following areas: photography, editing/ reporting, layout or advanced writing, editing and layout designing skills. (Students are eligible for Technology Applications credit if needed to satisfy state technology graduation requirements.)

## SPEECH / DEBATE

(One half speech credit is required for graduation beginning with the class of 2001.)

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No.	Course	Credit	Grade
1232	COMMUNICATION APPLICATIONS	.5	11-12

**Prerequisite:** None

**This is a required course for graduation.** Students will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. It is recommended that students take this course during the 11<sup>th</sup> or 12<sup>th</sup> grade.

1342	ORAL INTERPRETATION I	1	10-12
<b>Prerequisite:</b> Students must obtain 9th grade theatre arts teacher's recommendation, and then audition for high school teacher			
2342	ORAL INTERPRETATION II	1	11-12
3442	ORAL INTERPRETATION III	(Honors) 1	11-12
4442	ORAL INTERPRETATION IV	(Honors) 1	12

**Prerequisite:** Previous level of Oral Interpretation with teacher recommendation

Students enrolled in Oral Interpretation will select research, analyze, adapt, interpret, and perform literary texts. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated. **Weekend contest participation is mandatory.**

1202	DEBATE I	1	9-10
<b>Prerequisite:</b> 8 <sup>th</sup> Honors English/Speech teacher or High School debate coach's approval.			
2202	DEBATE II	1	10-12
3402	DEBATE III	(Honors) 1	11-12
4402	DEBATE IV	(Honors) 1	12

**Prerequisite:** Previous level of Debate & High School debate coach's approval

This course is open to the student who wishes to compete with the Duncanville High School Debate Team in the areas of Lincoln Douglas debate, Student Congress, Extemporaneous Speaking and Original Oratory. Team members have the opportunity to travel and compete at local, state, and national tournaments. **Weekend contest participation is mandatory for students in grades 9, 10, 11, 12.**

## MATHEMATICS

**Three credits in mathematics are required for graduation in 2008 – 2010. Four credits in mathematics are required for graduation in 2011 and after.**

**Students classified as 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade students must be enrolled in a Mathematics course**

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No.	Course	Credit	Grade
1042	ALGEBRA 1	1	9-10

**Prerequisite:** Ninth grade: Eighth Grade Math or Enriched Eighth Grade Math

This course provides students with opportunities to use symbols in a variety of ways to study relationships among quantities. Students will use functions to represent and model problem situations and to analyze and interpret relationships. They will work in many situations to set up equations and use a variety of methods to solve these equations.

1041	ALGEBRA I PRE-AP	1	9
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**Prerequisite:** Enriched Eighth Grade Math with satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above

This course provides an enriched study in Algebra. Students will develop a deep understanding of variable manipulation with a thorough exploration of both linear and non-linear functions. Emphasized concepts will provide gifted students with the opportunity to take AP Calculus AB or AP Calculus BC before graduation. Technology will be an integral part of this course.

1193	ALGEBRA 1 LAB	1 (Local)	9
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**Prerequisite:** Counselor Placement based on prior years performance on the Mathematics Section of the TAKS test and 8<sup>th</sup> grade.

This lab course is designed to reinforce skills in algebraic concepts by extensive use of manipulatives and discovery activities. Concepts are coordinated with those being introduced in the Algebra I course. Extensive attention will be given to the development of basic skills and the mastery of TAKS objectives.

**1052 GEOMETRY 1 10-12**

**Prerequisite: Full year credit in Algebra 1**

Geometry consists of the study of geometric figures of zero, one, two and three dimensions. Students study properties and relationships having to do with size, shape, location, direction, and orientation of these figures and they use geometric thinking to understand mathematical concepts and the relationships among them. Opportunities will be provided for students to use geometric ideas, relationships, and properties to solve problems.

**1051 GEOMETRY PRE-AP 1 9-10**

**Prerequisite: 8<sup>th</sup> Grade Algebra I or PreAP Algebra 1, with satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above**

This course provides an enriched study in geometry for strong mathematics students. The basic content is the same as academic geometry, but major emphasis is placed upon the development of logical thinking. Technology is an integral part of this course. Students will have regular access to technology for geometric constructions, coordinate graphing, algebraic analysis, and computation. This course is designed for students planning to take Pre-AP Algebra II. Tenth grade students may wish to "double up" Pre-AP Geometry and Pre-AP Algebra II in order to complete AP Calculus in their senior year.

**2182 ALGEBRA II 1 11-12**

**Prerequisite: Geometry and satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above. Students not meeting the TAKS requirement will be scheduled to take Mathematical Models (3002) prior to taking Algebra II. Students not meeting the TAKS prerequisites may take Algebra II if concurrently enrolled in Mathematical Models (3002). Seniors with earned credit in Mathematical Models that do not meet the TAKS mastery requirement may take Algebra II only if concurrently enrolled in Math Lab (4193).**

Algebra II is the study of the complex number system and functions. Students solve increasingly sophisticated symbolic and real-world problems using advanced algebra and data analysis. The course includes the properties of functions, algebra of functions, matrices, systems of equations, quadratic, logarithmic, polynomial, and rational functions. Particular attention is given to conic sections. Students are encouraged to supply their own graphing calculator for use in this course.

**2181 ALGEBRA II PRE-AP 1 10-12**

**Prerequisite: Pre-AP Geometry or Geometry with satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above**

This course is designed for students planning to take AP Calculus. The pace of the course is quite brisk, and the student is expected to be highly proficient in algebra I skills. Topics include: absolute value, linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric functions along with introductions to conics, statistics, and probability. Heavy emphasis is placed on the theoretical development of the skills that will be needed in more advanced mathematics courses. Technology is an integral part of this course. Students will make extensive use of graphing calculator technology, so the purchase of a graphing calculator is recommended.

**3002 MATHEMATICAL MODELS WITH APPLICATIONS 1 11-12**

**Prerequisite: Geometry**

Students in MMA use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Mathematical methods are used to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Models from algebra, geometry, probability, and statistics are used to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations.

**4052 FOUNDATIONS OF COLLEGE MATHEMATICS 1 11-12**

**Prerequisite: Geometry and Algebra II**

Students will extend mathematic understanding beyond Algebra 2 level with emphasis on extensions and applications of exponential, logarithmic, rational, polynomial, and quadratic functions, and inductive and deductive reasoning skills. Extensive use will be made of lab-type explorations. This course will assist students in preparation for the THEA test prior to college.

**3152 PRECALCULUS 1 11-12**

**Prerequisite: Algebra II with satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above**

This course is intended for juniors who plan to take AB Calculus in their senior year, or for seniors who plan to major in a program requiring upper level mathematics in college. This course introduces the college bound student to many Precalculus concepts. This pace is rigorous and the student will be challenged.

**3041 PRECALCULUS PRE-AP****1****11****Prerequisite: Pre-AP Algebra II or Algebra II with satisfactory performance on previous year's Mathematics section of the TAKS test at the Met Standard level or above**

This is a college level math course intended for students that will take the AP Calculus BC class their senior year. The student may choose to enroll concurrently in Mountain View College by completing college registration including taking a math placement exam through Mountain View College. If the appropriate scores are achieved, the Pre-AP Precalculus student can earn a total of 6 college math hours. If the scores are met, no further testing is required for admission into BC Calculus. Topics include the study of real numbers, the conic sections, transformation of coordinates, parametric equations and three-dimensional space. This course also emphasizes circular and trigonometric functions, graphs of trigonometric functions, vectors and their applications, polar coordinates and their graphs, and calculus topics including limits and derivatives, the pace is rigorous and the student will be challenged.

**3040 STATISTICS AP****1****11-12****Prerequisite: Completion of Pre-AP Precalculus or Concurrent with Pre-AP Precalculus**

This activity based college-level course provides the student the opportunity to discover statistical concepts, explore statistical principals and apply statistical techniques. Emphasis will be placed on collecting, analyzing, and drawing conclusions from data. The student will be trained in the use of the TI-83 calculator and statistical computer software. This course is designed to enable the student to pass the Advanced Placement® Statistics Exam given by the College Board for advanced placement and/or college credit. The test is administered in May at a cost to the student. The student may choose to enroll concurrently in Mountain View College by completing college registration including taking a math placement exam through Mountain View College. If the appropriate scores are achieved, the AP Statistics student can earn a total of 4 college math hours. Students are advised to contact the university of their choice to determine how credit for this course would apply.

**4050 CALCULUS AP (AB)****1****12****Prerequisite: Precalculus**

This is a college level math course for which many colleges grant advanced placement for **one semester** of Calculus if the student scores well on the Advanced Placement® exam administered by the College Board. The test is administered in May at a cost to the student. The student may choose to enroll concurrently in Mountain View College by completing college registration including taking a math placement exam through Mountain View College. If the appropriate scores are achieved, the AP Calculus AB can earn a total of 5 college math hours. As in all college level work, students are advised to contact the university of their choice to determine how credit for this course will apply. AB Calculus, taught over two semesters in high school, represents a semester course in college calculus covering limits, continuity, derivatives, application of derivatives, integrals of algebraic and transcendental functions, Riemann sums, 1<sup>st</sup> and 2<sup>nd</sup> Fundamental Theorem of Calculus, numerical integration, and finding the volume and surface area of solids.

**4060 CALCULUS AP (BC)****1****12****Prerequisite: Pre-AP Precalculus**

This is a college level math course for which many colleges grant advanced placement for **two semesters** of Calculus if the student scores well on the AP® exam. The test is administered in May at a cost to the student. The student may choose to enroll concurrently in Mountain View College by completing college registration including taking a math placement exam through Mountain View College. If the appropriate scores are achieved, the AP Calculus BC can earn a total of 9 college math hours. As in all college level work, students are advised to contact the university of their choice to determine how credit for this course will apply. BC Calculus topics include limits, continuity, derivatives, application of derivatives, integrals of algebraic and transcendental functions, Riemann sums, 1<sup>st</sup> and 2<sup>nd</sup> Fundamental Theorem of Calculus, numerical integration, finding the volume and surface area of solids, polar coordinates, parametric equations, vector calculus, polynomial approximations and series, indeterminate forms, and partial differentiation with applications.

**4193 MATH LAB****.5 (Local)****11-12****Prerequisite: Counselor placement only**

This is a local elective credit course required of all seniors who have not mastered the mathematics section of the TAKS Exit Exam and are not enrolled in another math class. The course is designed to review math objectives and prepare students for the TAKS exit level exam, which is required for graduation.

# SCIENCES

Three credits in Science are required for graduation in 2008 – 2010. Four credits in science are required for graduation in 2011 and after.

Students classified as 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade students must be enrolled in a Science course

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

The last digit of the course # indicates the course level for ranking point purposes  
 0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

No.	Course	Credit	Grade
1072	BIOLOGY I	1	9-12

**Prerequisite: None**

Students will study a variety of topics that include structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; homeostasis in relation to living organisms; nucleic acids and genetics; change over time; taxonomy; metabolism and energy transfers in living organisms; comparative anatomy and physiology; ecosystems; and plants and the environment. Students are expected to regularly use the skills of scientific problem solving.

1071	BIOLOGY I PRE-AP	1	9
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**Prerequisite: 8th grade Honor Science with satisfactory performance on previous year’s Science section of the TAKS test at the Met Standard level or above**

This is a Pre-Advanced Placement course designed for the college-bound student. It is a rigorous survey course in general biology that is accelerated in pace and is more in-depth than the academic course. Emphasis is on laboratory investigations in genetics, cell biology, botany, invertebrate zoology, ecology, microbiology, and vertebrate anatomy and physiology. Students are expected to regularly use the skills of critical thinking and scientific problem solving throughout this course. Before the beginning of the fall semester, students will be expected to complete an assigned summer project concerning major contributions by biologists to scientific knowledge. **This course is recognized by major universities as a lab course.**

3070	BIOLOGY II AP	1	11-12
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**Prerequisite: Completion of Biology I and Chemistry I; with satisfactory performance on previous year’s Science section of the TAKS test at the Met Standard level or above or completion of Pre-AP Biology and concurrent enrollment in Pre-AP Chemistry.**

Advanced study is presented in botany, ecology, molecular biology, microbiology, human physiology, and vertebrate anatomy. This rigorous lab-oriented course is designed for those students who plan a biology related career or are interested in possible college credit. This course prepares students for the Advanced Placement® Exam that is given in May at cost to the student and may enable the student to obtain college credit. **This course is recognized by major universities as a lab course.** It is highly recommended that students discuss this course with the teacher prior to selection.

2072	INTEGRATED PHYSICS AND CHEMISTRY	1	10-12
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**Prerequisite: Biology I (This course should not be taken if the student has completed chemistry or physics.)**

This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.

3182	ENVIRONMENTAL SCIENCE	1	11-12
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**Prerequisite: Completion of Biology I and a physical science (75 or above average in each course)**

Students will study a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationships between carrying capacity and changes in populations and ecosystems; and changes in environments.

- 3172 GEOLOGY, METEOROLOGY AND OCEANOGRAPHY 1 11-12**  
**Prerequisite: Completion of Biology I and a physical science**  
 Students will study a variety of topics that include: characteristics and conditions of the Earth; formation and history of the Earth; plate tectonics; origin and composition of minerals and rocks and the rock cycle; processes and products of weathering; natural energy resources; characteristics of oceans; characteristics of the atmosphere; and the role of energy in weather and climate.
- 3122 ASTRONOMY 1 11-12**  
**Prerequisite: Completion of Biology 1 and a physical science**  
 Students will study about the Earth's position in the Solar System, especially its relationship to the Sun and the Moon. Other topics will include: a survey of the other objects of the Solar System (planets and their moons, asteroids, comets, meteors). Brief history of the development of space travel and subsequent benefits of space applications to other aspects of society, discoveries and mysteries of stars, galaxies, black holes, supernovas, dark matter and others.
- 3132 AQUATIC SCIENCE 1 11-12**  
**Prerequisite: Completion of Biology 1 and a physical science**  
 Students will study a variety of topics that include: components of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of aquatic organisms; changes within aquatic environments; geological phenomena and fluid dynamics effects; and origin and use of water in a watershed.
- 3232 ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS 1 11-12**  
**Prerequisite: Completion of Biology I and Chemistry I**  
 Students will study a variety of topics that include: energy needs of the human body; responses of the human body to internal and external forces; homeostasis; electrical conduction processes and interactions; transport systems; effect of environmental factors on the human body; anatomical structures and physiological functions; and reproduction, growth and development.
- 1081 ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS HONORS 1 11-12**  
**Prerequisite: Completion of Biology I and Chemistry I with satisfactory performance on previous year's Science section of the TAKS test at the Met Standard level or above**  
 This course is designed to familiarize students with the structures and functions of the human body and to prepare students for future courses in a medical or related field. Students will examine anatomical and physiological features of selected systems through the use of technology as well as the dissections of selected vertebrate specimens, qualitative and quantitative laboratory activities, demonstrations, lectures and student centered discussions.
- 3912 MEDICAL MICROBIOLOGY .5 11-12**  
**Prerequisite: Completion of Biology and Chemistry (or concurrent enrollment in Chemistry)**  
 Students will study a variety of topics that include relationship between microbes and health maintenance; role of microbes in infectious diseases. Microbial organisms will be identified to assist in the understanding of specific diseases and treatment options. Proper laboratory and sterile technique will be emphasized in this lab-oriented course. Prior completion of the Anatomy and Physiology course is encouraged.
- 3062 CHEMISTRY I 1 10-12**  
**Prerequisite: Completion of Integrated Physics & Chemistry or Biology I and a high level of mastery in Algebra I.**  
 Students will study a variety of topics that include characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.
- 2061 CHEMISTRY I PRE-AP 1 10-12**  
**Prerequisite: Pre-AP Biology I and Algebra I (85 or above average recommended) with satisfactory performance on previous year's Science section of the TAKS test at the Met Standard level or above**  
 This course covers the atomic and periodic nature of matter, the physical states of matter, quantitative and qualitative aspects of chemical reactions, chemical bonds, acids, bases, equilibrium, electrochemistry, and organic chemistry. This course differs from the regular course in that the depth of topics is much greater and the pace of the course is accelerated. Students should have strong skills in mathematics. Students will have homework each class meeting and should be self disciplined and conscientious. Several projects will occur outside regular school hours. Students are expected think critically by analyzing and applying various scientific concepts.

**3060 CHEMISTRY II AP****1****11-12**

**Prerequisite: Pre-AP Chemistry I and Pre-AP Algebra II (It is recommended that the student has an 85 or above average in both classes and that they talk to the AP Chemistry teacher about requirements and expectations)**

Chemistry II-AP is an in-depth study of chemical concepts and principles encountered in Chemistry I. It also integrates the specialized areas of chemistry such as organic, quantitative and qualitative analysis, and nuclear chemistry. It involves extensive problem solving and graphical analysis. Chemistry II is designed for the student who desires a college-level, second year chemistry program. It prepares students for the Advanced Placement® Exam to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit. The lab program will present both confirmatory activities and inquiry investigations. Students are required to maintain a formal lab notebook. Several labs, projects and study sessions will occur outside regular school hours. Students should have excellent math skills and be proficient in reasoning and problem solving and committed to completing college level work.

**3092 PHYSICS I****1****11-12**

**Prerequisite: Completion of Chemistry I and Algebra II, and concurrent enrollment in Precalculus recommended**

Students will study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills. **This course is recognized by major universities as a lab course.**

**4091 PHYSICS I PRE-AP****1****11-12**

**Prerequisite: Completion of Chemistry I H and Algebra II Pre-AP, PreAP Precalculus or concurrent enrollment with satisfactory performance on previous year's Science section of the TAKS test at the Met Standard level or above**

Physics is a very challenging course designed for students planning careers in engineering, medicine, and science related fields. The course is quantitative in nature; therefore, all students should be proficient in mathematics. The course deals specifically with the areas of: mechanics (the study of motion and the relationship between forces and motion); conservation of energy and momentum, thermodynamics; waves and light which concerns propagation of energy and electromagnetic radiation; electricity and magnetism which deals with electric current fields, motors, and generators, electric meters and basic circuit theory. **This course is recognized by major universities as a lab course.**

**4090 PHYSICS AP (C)****1****12**

**Prerequisite: Completion of Physics I Pre-AP, and concurrent enrollment in BC Calculus is recommended**

**Physics C covers two areas.** The first half of the year is devoted to mechanics using calculus in problem solving. The use of calculus will increase as the course progresses. In the second half of the year, the primary emphasis is on classical electricity and magnetism. Calculus is used freely in formatting principles and in solving problems. It prepares students for the AP® Exam to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit. **This course is recognized by major universities as a lab course.**

**4173 SCIENCE LAB****.5 (local) 11-12**

**Prerequisite: Counselor placement only, Non mastery of the Science TAKS Exit exam, completion of a minimum of three of any of the following courses: Biology, Integrated Physics and Chemistry, Chemistry, Physics, or Principles of Technology**

This is a local elective credit course REQUIRED of all seniors who have not mastered the science section of the TAKS Exit Exam. The course is designed to review the science skills and concepts assessed by the TAKS exit level exam. Mastery of the science section of the TAKS Exit exam is required for graduation.

## SOCIAL STUDIES / ECONOMICS

These sequential social science credits are required for graduation: world geography, world history, United States history, government, and economics with emphasis on the free enterprise system  
**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

The last digit of the course # indicates the course level for ranking point purposes  
 0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

No.	Course	Credit	Grade
1312	WORLD GEOGRAPHY	1	9-12

**Prerequisite: None**

Students examine people, places, and environments at local, regional, national, and international level. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major land forms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions.

1311	WORLD GEOGRAPHY PRE-AP	1	9
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**Prerequisite: Honors 8th Grade Social Studies. Satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above.**

This course emphasizes an integrated approach to the study of the physical, political, and cultural geography of the world. This course will be organized around the various regions of the globe and emphasize their increasing interdependence. Appropriate culture-defining literature, music and visual arts, both established and contemporary will be studied to assist students to understand the deeper meaning of events faced by people around the world. Familiarity with and respect for a world of differences and similarities, and student use of multi-media research techniques will help prepare students for an increasingly multicultural, multinational, and high tech marketplace.

2052	WORLD HISTORY	1	10-12
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**Prerequisite: World Geography**

This course offers students the opportunity to study an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest time to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.

2051	WORLD HISTORY PRE-AP	1	10
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**Prerequisite: Pre-AP World Geography and /or Pre-AP English I w or 85 in Academic English with that teacher's recommendation and with satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above.**

Using basic themes of philosophy/religion, politics/economics, society's structures, science/technology and arts/architecture, students will investigate and evaluate human civilizations from Sumer to the present. Using primary and secondary sources, as well as interviews, students will complete extensive research in a variety of formats. The class will encourage use of appropriate technology, pursue individual interests while meeting rigorous course requirements, and systematically develop higher-level thinking, writing and speaking skills.

2050	WORLD HISTORY ADVANCED PLACEMENT	1	10-12
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**Prerequisite: Pre-AP English I and /or Pre-AP World Geography; a 90 average in previous social studies class, with satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above..**

This course will introduce highly motivated and responsible students to the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1,000 C.E. The course offers truly balanced global coverage with Asia, Africa, the Americas, and Europe each represented. Students will be required to spend extensive time outside of class completing reading and research assignments. Students must possess excellent reading comprehension skills and essay writing skills. Advanced Placement World History is a college-level course for those who want to obtain college credit, which is determined by the exam administered in May by the College Board at a cost to the student.

<b>3052</b>	<b>UNITED STATES HISTORY</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: World Geography and World History</b>			
This course is the second part of a two-year study of U.S. History that begins in 8 <sup>th</sup> grade. Students study the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights.			
<b>3051</b>	<b>UNITED STATES HISTORY PRE-AP</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: 85 average in Pre-AP World History, with satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above.</b>			
This course studies United States history from Reconstruction to the present, focusing on political, economic, social and cultural developments. Students will use and assess a variety of historical materials, applying critical thinking to the particular challenges of specific time periods.			
<b>3053</b>	<b>UNITED STATES HISTORY HONORS DUAL CREDIT</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: 85 average in Pre-AP World History, with satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above. Meet entrance requirements for Mountain View College.</b>			
Dual Credit US History is a college level History course intended for students who wish to receive college credit in high school. The student must enroll concurrently in Mountain View College by completing college registration including taking a placement exam through Mountain View College. If the appropriate scores are achieved, the student can earn a total of 6 college History hours. Student must earn a minimum of a C average for the fall semester to continue in the spring semester of the course. This course studies United States history from Reconstruction to the present, focusing on political, economic, social and cultural developments. Students will use and assess a variety of historical materials, applying critical thinking to the particular challenges of specific time periods.			
<b>3050</b>	<b>UNITED STATES HISTORY ADVANCED PLACEMENT</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: AP World History or Pre-AP World History; a 90 average in previous social studies class, with satisfactory performance on previous year's Social Studies section of the TAKS test at the Met Standard level or above.</b>			
Responsible independent work skills are critical to this college-paced course whose scope is from the colonial period to the present. Students acquire factual knowledge and analytical skills necessary to deal critically with documentary materials and problems related to United States history. Students are required to interpret and relate information through a variety of forms; essay will be the key medium. It prepares students for the Advanced Placement® Exam given in May at a cost to the student which may result in college credit. Consistent and rigorous reading in both the text and extensive related materials is essential. Commitment to this level of work should be considered carefully by both students and parents.			
<b>3142</b>	<b>AFRICAN AMERICAN STUDIES Either Semester</b>	<b>.5</b>	<b>11-12</b>
<b>Prerequisite: None</b>			
This special topics social studies course will allow students to gain a better understanding and a greater appreciation for the African American culture. Students will explore the different aspects of the African American culture derived through its literature, art, music, customs, traditions, and most importantly, its history. The course will focus on historical periods/actions and the lasting influence of those events on African American society in particular, and the larger society in general.			
<b>3532</b>	<b>BIBLE STUDIES (Special Topics Social Studies)</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: None</b>			
This special topics social studies course gives students an opportunity to study both the literary and historical aspects of the Bible. The literary aspects address the Bible itself as a literary work as evidenced through theme, genre and language. The course also includes such things as allusions in literature to biblical names, places and events. Historical aspects of the Bible survey include a study of various biblical elements that have affected history.			
<b>3622</b>	<b>ASIAN AMERICAN STUDIES- SOCIAL STUDIES SPECIAL TOPICS</b>	<b>.5</b>	<b>11-12</b>
<b>Prerequisite: None</b>			
This one semester special topics social studies course will allow students to gain a better understanding and a greater appreciation for the Asian American culture derived through its literature, art, music, customs, traditions, and most importantly, its history. The course will focus on historical periods/actions and the lasting influence of those events on Asian American society in particular, and the larger society in general.			

**3632 WORLD WARS OF THE TWENTIETH CENTURY- SOCIAL STUDIES SPECIAL TOPICS****Prerequisite: None****.5****11-12**

The Twentieth Century produced the highest casualties in war than any other century in human history. This one semester special topics social studies course focuses on the origins and outcomes of the conflict, wartime diplomacy, and the impact of war on the major civilian societies, the ideological dimensions of the conflict, the stress of war, and the Holocaust. This course will begin with Europe's defeat of Napoleon and continue with the causes of World War I until the treaty of Versailles. The worldwide economic depression between the two wars will also be examined. This will lead into the causes of World War II until the Japanese defeat.

**4170 EUROPEAN HISTORY ADVANCED PLACEMENT****1****11-12**

**Prerequisite: Pre-AP World History or Pre-AP /Advanced Placement U.S. History or Pre-AP English II or Pre-AP /AP English III; approval of AP teacher.**

This one-year college-level elective provides an in-depth study of European Civilization from 1450 to the present. Political/economic/diplomatic, philosophical/religious, socio/cultural, technological and artistic/architectural themes are explored. Extensive reading is required from a variety of sources. This course prepares students to take the Advanced Placement® Exam given in May at a cost to the student that may result in college credit.

**4020 HUMAN GEOGRAPHY ADVANCED PLACEMENT****1****10-12**

**Prerequisite: Pre-AP World Geography or Pre-AP/AP World History or Pre-AP /AP U.S. History or Pre-AP English II or Pre-AP /AP English III; approval of AP Human Geography teacher.**

This course will introduce highly motivated students to the systematic and scientific study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. Students will also learn about the methods and tools geographers' use in their science and practice. Students will be required to spend extensive time outside of class completing reading and research assignments. Advanced Placement Human Geography is a college-level course for those who want to obtain college credit, which is determined by the exam administered in May by the College Board at a cost to the student.

**4062 SOCIOLOGY Either Semester****.5****11-12****Prerequisite: None**

Students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication.

**4072 PSYCHOLOGY Either Semester****.5****11-12****Prerequisite: None**

Students consider the development of the individual and the personality. The study of psychology is based on an historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning.

**4070 PSYCHOLOGY ADVANCED PLACEMENT****1****11-12**

**Prerequisite: None (Students must register for 4180 in the fall semester)**

This course will introduce students to the systematic and scientific story of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomenon associated with each subfield within Psychology. They will also learn methods used by psychologists in their practice. Students will receive one-half credit in one-half credit in Social Studies Research Methods (4180) in the fall and AP Psychology (4070) in the spring. Advanced Placement Psychology is a college-level course for those who want to obtain college credit, which is determined by the exam administered in May by the College Board at a cost to the student.

**4172 LAW STUDIES Either Semester****.5****11-12****Prerequisite: None**

This one-semester course introduces students to the structure and process of the United States legal system as it relates to everyday lives. Hands-on simulations heighten awareness of the system. Included are studies of Constitutional law, criminal and juvenile law, and the corrections system. Field trip opportunities to area courts. The semester exam involves participation in a mock trial as a judge, bailiff, lawyer, defendant, or witness.

**4042 ECONOMICS – Free Enterprise System Either Semester .5 12**

**Prerequisite: United States History (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

The course of study will focus on major economic concepts, the principles of free enterprise, law of supply and demand, business organization, advertising, the stock market, fiscal and monetary policies, the business cycle, government regulation, labor, world trade and comparative economic systems.

**4041 ECONOMICS HONORS – Free Enterprise System .5 12**

**Prerequisite: United States History with a grade of 90 or United States History Pre-AP/AP with a grade of 85.**

**Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

Honors Economics is an in-depth study of economic systems, supply and demand, forms of business, the monetary system, and government’s role in the economy, world trade and the global economy. This is a project-oriented course that enables students to actively participate in order to learn. Students must be willing to do the required outside reading and preparation, and to work in cooperative groups.

**4043 ECONOMICS HONORS DUAL CREDIT 1 12**

**Prerequisite: United States History with a grade of 90 or United States History Pre-AP/AP with a grade of 85.**

**Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. Meet entrance requirements for Mountain View College.**

Dual Credit Economics is a college level Economics course intended for students who wish to receive college credit in high school. The student must enroll concurrently in Mountain View College by completing college registration including taking a placement exam through Mountain View College. If the appropriate scores are achieved, the student can earn a total of 6 college Economics hours. Student must earn a minimum of a C average for the fall semester to continue in the spring semester of the course. This course is an in-depth study of economic systems, supply and demand, forms of business, the monetary system, and government’s role in the economy, world trade and the global economy. This is a project-oriented course that enables students to actively participate in order to learn. Students must be willing to do the required outside reading and preparation, and to work in cooperative groups.

**4040 ECONOMICS ADVANCED PLACEMENT Macroeconomics (Spring Semester) .5 12**

**Prerequisite: Pre-AP or AP United States History and Algebra I & II. Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. Course meets graduation requirements for Economics – Free Enterprise Systems. (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

AP Macroeconomics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth and international economics. There are three main goals: to provide a clear understanding of the U.S. economic system, to teach analytical and problem-solving skills, and to prepare the students to pass the Advanced Placement® Exam which is given in May at a cost to the student. College credit may be earned depending upon the exam score and college requirements. Students and their parents need to be committed to the necessity of additional hours of study to master complex economic concepts.

**4140 ECONOMICS ADVANCED PLACEMENT Microeconomics (Fall Semester) .5 12**

**Prerequisite: Pre-AP or AP United States History and Algebra I & II. Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. Course meets graduation requirements for Economics – Free Enterprise Systems. (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

AP Microeconomics will give students a thorough understanding of the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Attention will be given to preparing the students to pass the Advanced Placement® Exam which is given in May at a cost to the student. College credit may be earned depending upon the exam score and college requirements. Students and their parents need to be committed to the necessity of additional hours of study to master complex economic concepts.

**4032 GOVERNMENT** **Either Semester** **.5** **12**  
**Prerequisite: United States History (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

In this course, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.

**4031 GOVERNMENT HONORS** **.5** **12**  
**Prerequisite: Academic United States History with an average of 90 or Pre-AP or AP United States History with an average of 85. Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

Honors Government is a challenging and in-depth study of international, national, state, and local government suggested for students who plan to pursue a study of law or political science. Students will be provided with some knowledge of primary sources and will be expected to complete much research on their own concerning current topics. This course emphasizes analytical skills, critical thinking and research skills.

**4043 GOVERNMENT HONORS DUAL CREDIT** **1** **12**  
**Prerequisite: Academic United States History with an average of 90 or Pre-AP or AP United States History with an average of 85. Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. Meet entrance requirements for Mountain View College.**

Dual Credit Government is a college level Government course intended for students who wish to receive college credit in high school. The student must enroll concurrently in Mountain View College by completing college registration including taking a placement exam through Mountain View College. If the appropriate scores are achieved, the student can earn a total of 6 college Government hours. Student must earn a minimum of a C average for the fall semester to continue in the spring semester of the course. This course is a challenging and in-depth study of international, national, state, and local government suggested for students who plan to pursue a study of law or political science. Students will be provided with some knowledge of primary sources and will be expected to complete much research on their own concerning current topics. This course emphasizes analytical skills, critical thinking and research skills.

**4030 GOVERNMENT ADVANCED PLACEMENT** **.5** **12**  
**Prerequisite: Pre-AP or AP English III; and/or Honors or AP United States History. Satisfactory performance on previous year’s Social Studies section of the TAKS test at the Met Standard level or above. (Please note: taking this course other than during the senior year is not recommended and requires permission from the principal and counselor.)**

The Advanced Placement course in American Government is designed to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Students will have the opportunity in May to take the AP® examination at a cost to the student. The course prepares students for intermediate and advanced college courses by making demands that are equivalent to those made by introductory college courses. Students will read extensively outside of class. The ability to work independently is very important.

**3521 WORLD AREA STUDIES (AC DEC)** **Both Semesters** **1** **11-12**  
**4521 HUMANITIES (AC DEC)** **First Semester** **.5** **11-12**  
**4531 ADVANCED SOCIAL SCIENCE (AC DEC)** **Second Semester** **.5** **11-12**

**Prerequisite: Approval by Academic Decathlon coaches based upon teacher recommendation in core classes**  
 These honors courses are designed to prepare students to participate on the ACADEMIC DECATHLON TEAM. With an emphasis on the social sciences, students also research and study science, mathematics, literature, fine arts, and a Super Quiz annual topic. Students who enjoy trivia and competitive challenges should consider taking this course.

**3622 SPECIAL TOPICS IN SOCIAL STUDIES (TAKS Exit Preparation)** **1** **11-12**  
**Prerequisite: World History, U.S. History, nonmastery on prior year Social Studies Exit level TAKS Social Studies test and/or counselor recommendation.**

Students will extend their understanding of social studies content skills. An emphasis will be placed on mastery of student social studies content and skills (TAKS Exit test), which will include: applying critical thinking skills to organize and use information acquired from a variety of sources, communicating in written, oral, and visual aids, using problem solving and decision making skills, and having a clear understanding of the Texas Essential Knowledge and Skills for Eighth Grade U.S. History, Ninth Grade World Geography, Tenth Grade World History, and Eleventh Grade U.S. History.

## CAREER & TECHNOLOGY EDUCATION

The aim of Career and Technology Education is to equip students with the skill and knowledge needed to enter and make progress in the world of work. A student's basic general education is enhanced by learning occupationally specific skills with classes to include leadership, communication, entrepreneurship, safe working practices, and concepts related to successful employment and life skills. The Career and Technology Education curriculum encompasses a diverse range of classes, which vary in credit and course length. Career & Technology students can qualify for the National Technical Honor Society through membership and active participation in various student organizations related to specific career & technology courses.

**Two- or three-credit career and technology work-based training courses will substitute for required the required state credits in physical education, including the Foundations of Personal Fitness. Semester for semester basis for PE Equivalency/Waiver.**

No.	Course	Credit	Grade
1892	FRESHMAN CONNECTIONS Either Semester	.5	9

**Prerequisite: None – Required course for all 9<sup>th</sup> grade students**

A required introductory course designed as a portfolio based personal development course for all 9<sup>th</sup> grade students. Survival skills and tips for success in high school will be integrated with career planning activities. Students develop a systematic approach for evaluating and seeking career opportunities by discovering how personal qualities relate to successful performance. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. Students will learn critical factors identified for student success along with development of the Personal Graduation Plan to guide them through high school and into their post-secondary educational and career objectives. Students will pair this course with Health if they have not yet earned the required half credit in Health.

## AGRICULTURE SCIENCE AND TECHNOLOGY

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
1802	INTRO WORLD AG SCIENCE & TECH First Semester	.5	9

**Prerequisite: must take 1812 second semester.**

Introduction to Agricultural Science is a lab course designed to introduce beginning students to global agriculture. The course includes agricultural career development, importance of agriculture in the world, leadership, communications, personal finance, and agricultural experience projects.

1812	APPLIED AGRICULTURAL SCIENCE & TECH Second Semester	.5	9
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**Prerequisite: 1802 first semester**

Applied Agricultural Science is a lab course designed to enhance the agricultural comprehension of beginning students. The course includes an introduction to soil, plants, animals, agricultural mechanics, food science, supervised occupational experience programs, and leadership.

2722	HORTICULTURE I	2	10-12
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**Prerequisite: None**

This is a two credit laboratory-oriented course designed to develop skills in the various technical areas of the horticulture industry, preparing individuals to perform horticulture-related skills. The course emphasizes green house and nursery crop production; landscaping; floral design; and fruit, nut, and vegetable crop production. Instruction will include information on career opportunities, leadership activities, and record keeping practices related to the horticulture industry.

3742	HORTICULTURE II	2	11-12
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**Prerequisite: Horticulture I**

This is a laboratory-oriented course that will expand on the essential knowledge and skills developed in the first year of horticulture. Students will be responsible for more advanced research and will prepare for employment in the industry.

**2352 FLORAL DESIGN .5 10-12**

**Prerequisite: Horticulture I, may be concurrently enrolled in Horticulture I**

This is a laboratory-oriented course that will provide students with basic skills in the design and arrangement of flowers, foliage and related plant materials for interior locations. Successful students will develop skills to prepare them for employment in the floral design industry.

**3332 ADVANCED FLORAL DESIGN .5 11-12**

**Prerequisite: Horticulture I and Floral Design**

This is a laboratory-oriented course that will provide students with basic skills to become a successful employee. Focus on the development of employability skills that will prepare students for employment in the floral industry. The students will be able to demonstrate contemporary floral designs, successful business practices, creativity, and specialty items and will be knowledgeable of careers in the floral industry. Students have the opportunity to receive certification through the Texas State Florists' Association.

**2242 CANINE SCIENCE .5 10-12**

**Prerequisite: Must pair with 2752 Animal Science**

This course will provide students with an in depth look at the care, breeding, and raising of dogs for fun or profit. Survey of career opportunities associated with this growing field.

**2752 ANIMAL SCIENCE .5 10-12**

**Prerequisite: Must pair with 2242 Canine Science**

Animal Science is a lab course designed to develop knowledge and skills pertaining to the nutrition, reproduction, health and management of domestic animals. Topics included in this course are animal anatomy and physiology, genetics and reproduction, performance and production testing, nutritional requirements of domestic animals, causes and treatments of domestic animal diseases and parasites, and animal management techniques.

**2772 WILDLIFE & RECREATION MANAGEMENT First Semester .5 10-12**

**Prerequisite: Must pair with 2782 second semester**

Wildlife is a course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. There will be guest speakers. The opportunity to obtain a Texas Parks & Wildlife Hunter License for a small fee will be provided.

**2782 ENVIRONMENTAL TECHNOLOGY Second Semester .5 10-12**

**Prerequisite: Must pair with Wildlife & Recreation 2772**

Environmental Technology is a course designed to explore interrelationships of people and natural resources with special emphasis on conservation and protection. Emphasis will be put on the many environmental issues we are facing today in an attempt to separate fact from myth while exploring possible solutions to identified problems.

**FAMILY AND CONSUMER SCIENCES**

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**0=Advanced Placement 1=Pre Advanced Placement/Honors 2=Academic 3=Regular**

**1822 PERSONAL AND FAMILY DEVELOPMENT 1 9**

**Prerequisite: None**

This comprehensive laboratory course is designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Content includes a focus on interpersonal skills; decision-making; promotion of family strengths and well-being; developing positive relationships with peers; child development and care, and clothing selection and maintenance. Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer-buying practices; and management of family housing needs.

**2822 PREPARATION FOR PARENTING First Semester .5 10-12**

**Prerequisite: Must pair with 2832**

This technical laboratory course is designed to provide individuals opportunities to develop knowledge and skills in preparation to function effectively in the role of parent or caregiver. Content stresses parental responsibilities, child guidance techniques, parents as positive role models, parents as their children's first teacher, and parenting practices which promote a child's development, health, safety, and well being. Students may qualify for Tech Prep and Statewide Articulation credit.

**2832 CHILD DEVELOPMENT Second Semester .5 10-12**

**Prerequisite: must pair with 2822**

This technical laboratory course is designed to focus on knowledge and skills related to the development, care, guidance, and protection of children. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs. Other topics include characteristics of quality child care, career options related to the care and education of children. Students may also qualify for college credit through Tech Prep and State Wide articulation.

**2412 PARENTING EDUCATION FOR SCHOOL AGE PARENTS I 1 9-12**

**2422 PARENTING EDUCATION FOR SCHOOL AGE PARENTS II 1 9-12**

**Prerequisite: Counselor Placement; must take both semesters of 2412 before enrolling in 2422**

This laboratory course is designed to address the special needs and interests of male and female students who are parents, or who are pregnant. Special emphasis is placed on prenatal care and development, postnatal care, child development, responsible parenthood and adult roles, family issues, conflict resolution, nutrition, safety, management and employability skills. This innovative course offers a level one and level two options to accommodate our students. Students would be provided with a supportive environment that would benefit both the student and the child through two academic school years.

**2862 FOOD SCIENCE & TECHNOLOGY I First Semester .5 10-12**

**Prerequisite: Must pair with 2872**

This technical laboratory course concentrates on nutrition, food choices, and food management skills for individuals and the family throughout the life cycle. Instruction addresses nutrition and food science from the perspective of food habits and wellness, menu planning, special dietary needs, food costs and budgeting, consumer food-buying strategies, food safety and sanitation procedures, food labels, technology implications, and food handling, storage, and preparation practices. Meal etiquette, career options, and techniques for managing multiple family, community, and wage-earner roles are part of the content.

**2872 NUTRITION & FOOD SCIENCE Second Semester .5 10-12**

**Prerequisite: Must pair with 2862**

This technical laboratory course provides foundational training in the area of food science and technology. Content addresses food science principles, nutrition and wellness; food technology; world food supply; managing multiple family, community, and wage-earner roles; and career options in nutrition, food science, and food technology. Laboratory activities utilizing research methods related to current issues in food science, technology, and nutrition are included.

**2882 FASHION DESIGN First Semester .5 10-12**

**Prerequisite: none Student responsible for approximately \$20 in supplies. Must pair with either 2892 or 2902**

This technical laboratory course is designed to address the textiles and apparel industries, textile design and production, apparel design practices and influences, and career preparation. Instruction includes knowledge and skills of the design industry, fibers, fabrics, textile and apparel manufacturing systems, product marketing techniques, technology applications, international impact of the textiles and apparel industries, federal regulations, and career options. Design procedures and management of multiple family, community, and wage-earner roles are emphasized.

**2892 INTERIOR DESIGN Second Semester .5 10-12**

**Prerequisite: Must pair with 2882**

This laboratory course focuses on the design of residential and nonresidential interior environments to achieve occupant wellbeing and productivity. Content addresses design practices and influences, lighting, materials, furnishings, legal considerations, and the impact of technology on interiors. Budgeting, consumer decision making, safety, the care and maintenance of interiors, career preparation, and the management of multiple adult roles are emphasized.

**2902 APPAREL Second Semester .5 10-12**

**Prerequisite: Must pair with 2892**

This laboratory course includes the production, marketing and consumption of textile and apparel products. Students use the knowledge and skills learned to function effectively as consumers and in careers related to this industry. Students will be responsible for approximately \$50 in sewing supplies.

3682 HOSPITALITY SERVICES INTERN/PEL I 2 11-12

**Prerequisite:** Application, teacher interview, interview with Hyatt Human Resource representative, recommendations and Hotel and Restaurant Management teacher's signature on choice sheet. Culinary Arts I, Food Science, or Personal and Family Development is recommended (may take these concurrently).

3982 HOSPITALITY SERVICES INTERN/PEL II 2 12

**Prerequisite:** Hotel and Restaurant management Intern/PEL I

This course provides a curriculum designed for employment training in the area of hospitality services such as those of hotel, motel and restaurant operations. Students receive concepts and skills related to supportive services such as property management, psychology of guests, lodging operations, food and beverage operations, human resources, accounting, security, engineering, business procedures, and laws. Students will have the opportunity to rotate through various departments of a hotel to observe and shadow professionals as a non-paid intern, while developing entry level skills. Acceptance to this program will be based on good attendance, good academic standing, stated career goals and teacher/counselor recommendations. Students must meet the dress code requirements of the Hyatt Regency Dallas at Reunion while participating in on the job training. Students may qualify for college credit through Tech Prep.

3702 CULINARY ARTS I 2 11-12

4702 CULINARY ARTS II 2 12

**Prerequisite:** Application, interview, and teacher's signature. Recommend successful completion of 2862 & 2872.

This course provides occupationally-specific training designed to develop knowledge and skills for employment in the area of food production, management, and services. Instruction includes operation and management of food service establishments, marketing strategies, quantity food production skills, food presentation and service techniques, and technology applications in the food service industry. Legal considerations, customer service, career options, and managing multiple family, community, and wage-earner roles are contained in the content. Hands-on experience is gained through the student-run restaurant, Main Street Bistro. Students are eligible after passing an exam to receive certification from ServeSafe. PE Equivalency

3712 FAMILY & CONSUMER SCIENCES CAREER PREP I 3 11-12

4712 FAMILY & CONSUMER SCIENCES CAREER PREP II 3 12

**Prerequisite:** 16+, application, teacher interview, teacher's signature on choice sheet. Students must sign up for at least a double block Work Release.

This course provides occupationally specific training designed to develop knowledge and skills for employment in the multifaceted hospitality services industry. Students receive concepts and skills related to supportive services such as property management, psychology of guests, lodging operations, and food and beverage operations. Students must work a minimum of fifteen hours per school week and may be enrolled in this class for two years. Student must sign up for a Work Release and **must have reliable transportation**. Students have the opportunity to receive SERVESAFE certification. Students may also qualify for college credit through Tech Prep and State Wide articulation. PE Equivalency

3722 READY, SET, TEACH! I 2 11-12

4742 READY, SET, TEACH! II 2 12

**Prerequisite:** Desire for an education career, good academic standing, excellent attendance and discipline, completion of application packet, teacher/counselor recommendations, and completion of interview process. Responsible Parenting and Child Development is recommended but not required. The students in this program must provide their own transportation.

Ready, Set, Teach is a non-paid internship which provides juniors and seniors background knowledge of child and adolescent development as well as principles of effective teaching practices. It may be taken one or two years. Students will work under the joint direction and supervision of both a family and consumer sciences instructor and an educator within the elementary, middle, and/or high school age students in Duncanville ISD. Students from this class plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers. The students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in a full range of education career roles, grade levels, subject areas, and ability groups. Students may also qualify for college credit through Tech Prep and State Wide articulation. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.



**3232 ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS 1 11-12**

**Prerequisite: Completion of Biology I and Chemistry I**

Students will study a variety of topics that include: energy needs of the human body; responses of the human body to internal and external forces; homeostasis; electrical conduction processes and interactions; transport systems; effect of environmental factors on the human body; anatomical structures and physiological functions; and reproduction, growth and development. This course satisfies state science graduation requirement.

**1081 ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS HONORS 1 11-12**

**Prerequisite: Completion of Biology I and Chemistry I**

This course is designed to familiarize students with the structures and functions of the human body and to prepare students for future courses in a medical or related field. Students will examine anatomical and physiological features of selected systems through the use of technology as well as the dissections of selected vertebrate specimens, qualitative and quantitative laboratory activities, demonstrations, lectures and student centered discussions. This course satisfies state science graduation requirement.

**3912 MEDICAL MICROBIOLOGY .5 11-12**

**Prerequisite: Completion of Biology and Chemistry (or concurrent enrollment in Chemistry)**

Students will study a variety of topics that include relationship between microbes and health maintenance; role of microbes in infectious diseases. Microbial organisms will be identified to assist in the understanding of specific diseases and treatment options. Proper laboratory and sterile technique will be emphasized in this lab-oriented course. Prior completion of the Anatomy and Physiology course is encouraged.

**BUSINESS/OFFICE EDUCATION**

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement 1=Pre Advanced Placement/Honors 2=Academic 3=Regular**

<b>No.</b>	<b>Course</b>	<b>Credit</b>	<b>Grade</b>
<b>1152</b>	<b>KEYBOARDING</b>	<b>.5</b>	<b>9 - 12</b>

**Either Semester**

**Prerequisite: None**

This semester lab course will provide students the opportunity to develop skills in operating the keyboard by touch as well as achieving acceptable speed and accuracy levels. It will provide for instruction in formatting of basic documents such as letters and reports for both personal and business use. This course also includes skill development in proofreading, spelling, punctuation, and correction techniques. Current word processing software is utilized in the classroom.

**1172 BUSINESS COMPUTER INFORMATION SYSTEMS I 1 9-12**

**Prerequisite: Keyboarding or Keyboarding Proficiency Test**

This full year computer course develops technology skills with applications to personal or business situations focusing on word processing, spreadsheets, telecommunications, desktop publishing, presentation management, operating systems, and emerging technologies. Each student has his/her own work station. Internet is available in the classroom. Current business application software is utilized in this course. BCIS I will fulfill the technology applications requirement for graduation. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**4372 BUSINESS COMPUTER INFORMATION SYSTEMS I – FOR SENIORS 1 12**

**Prerequisite: Keyboarding or Keyboarding Proficiency Test**

This class is for Seniors who have failed BCIS I previously. It will begin with keyboarding and it will not articulate college credit. This course will fulfill the technology applications requirement for graduation.

<b>1842</b>	<b>BUSINESS SUPPORT SYSTEMS</b>	<b>Either Semester</b>	<b>.5</b>	<b>9</b>
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<b>1862</b>	<b>BUSINESS SUPPORT SYSTEMS</b>	<b>Full Year</b>	<b>1</b>	<b>9</b>
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**Prerequisite: Keyboarding, half credit or equivalent**

Introduces practical business procedures; develops foundation for competent business participation and self-sufficiency in today's world; develops flexibility and adaptability for the rapidly changing business environment and other skills necessary for success in the workforce; reinforces reading, writing, and calculation skills; and develops effective communications and information management using emerging technology, including telecommunications. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**1852 RECORDKEEPING**

Either Semester

.5

9

**Prerequisite: None**

This semester course allows students to develop an understanding of and skill in maintaining accurate records. Skills used in everyday business activities both for personal and professional use are included. Students have the opportunity to develop skills related to personal financial management as well as budgeting, financial planning, cashier record keeping, handling of money, and tasks common to simple office practices. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment.

**3162 ACCOUNTING I**

1

11-12

**Prerequisite: None**

Accounting introduces general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures including the basic steps of the accounting cycle, special journals and ledgers; develops the skills, knowledge, and attitudes necessary for individual to conduct personal business or to further their education in the field of accounting. Each student completes an automated business simulation, uses calculators, and explores career information through the Career GO Center or the internet. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**4162 ACCOUNTING II**

1

12

**Prerequisite: Accounting I**

The second year of accounting provides for review and further development of fundamental accounting principles with use of technology; incorporates the complete accounting cycle in relation to formation and dissolution of partnerships, characteristics of corporate organization and ownership including investments and distribution of earnings; provides experience in initiating and maintaining an accounting system and in analyzing, interpreting, and synthesizing managerial problems using accounting information as a tool; and develops skill in applying principles used in accounting systems and methods commonly found in business. Accounting II is designed for students interested in continuing at the post secondary level or entering the workforce.

**3902 BUSINESS COMPUTER INFORMATION SYSTEMS II**

1

10-12

**Prerequisite: BCIS I with BCIS I teacher recommendation. Keyboarding speed of 30 wpm highly recommended.**

This lab course provides advanced technology skills required by the business environment; includes workplace technology standards in applications of word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies; and develops advanced level skills. BCIS II fulfills the technology applications requirement for graduation. This course is also accepted by many major universities for their computer requirement toward graduation. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**3922 MOS Prep I**

1

10-12

**Prerequisites: BCIS I with BCIS I teacher recommendation. Keyboarding speed of 30 wpm highly recommended.**

This lab course provides advanced technology skills in Microsoft Office required to pass a Microsoft Office Specialist (MOS) certification exam. **Certification will be offered in Word Core and PowerPoint.** Students are encouraged to take at least one certification exam. Objectives will be taught and pretest will be given in the classroom in preparation for the actual certification exam. MOS exams will be administered at DHS. Since Microsoft Certifications are nationally known benchmarks, any of these certifications will greatly benefit the student when applying for college and/or employment. This course is also accepted by many colleges for their computer requirement toward graduation. Students will be responsible for the exam fee.

**3972 MOS Prep II**

1

10-12

**Prerequisites: BCIS I with BCIS I teacher recommendation. Keyboarding speed of 30 wpm highly recommended.**

This lab course provides advanced technology skills in Microsoft Office required to pass a Microsoft Office Specialist (MOS) certification exam. **Certification will be offered in Excel Core and Word Expert.** Students are encouraged to take at least one certification exam. Objectives will be taught and pretest will be given in the classroom in preparation for the actual certification exam. MOS exams will be administered at DHS. Since Microsoft Certifications are nationally known benchmarks, any of these certifications will greatly benefit the student when applying for college and/or employment. This course is also accepted by many colleges for their computer requirement toward graduation. Students will be responsible for the exam fee.

**3572 MOS Prep III (EXCEL EXPERT) and MOS Prep IV (ACCESS) 1 10-12**

**Prerequisites: BCIS I with BCIS I teacher recommendation. Keyboarding speed of 30 wpm highly recommended.**

This lab course provides advanced technology skills in Microsoft Office required to pass a Microsoft Office Specialist (MOS) certification exam. **Certification will be offered in Excel Expert and Access.** Students are encouraged to take the one certification exam. Objectives will be taught and pretest will be given in the classroom in preparation for the actual certification exam. MOS exams will be administered at DHS. Since Microsoft Certifications are nationally known benchmarks, any of these certifications will greatly benefit the student when applying for college and/or employment. Students will be responsible for the exam fee.

**4912 BUSINESS IMAGE MANAGEMENT AND MULTIMEDIA (Honors) 1 11-12**

**Prerequisite: BCIS I, BCIS II recommended. Keyboarding speed of 30 wpm highly recommended.**

This lab course develops proficiencies in designing, importing, and manipulating advanced text, graphics, and audio used in presentation management, multimedia productions, and publishing systems. Students learn to develop web pages using HTML, use digital cameras to prepare presentations using MS PowerPoint, and use a scanner with PhotoShop software. Students will also develop web pages through use of FrontPage and DreamWeaver software. This course will fulfill the technology applications requirement for graduation.

**4932 BUSINESS IMAGE MANAGEMENT AND MULTIMEDIA 1 10-12**

**Prerequisite: Keyboarding speed of 30 wpm highly recommended.**

This lab course develops proficiencies in designing, importing, and manipulating advanced text, graphics, and audio used in presentation management, multimedia productions, and publishing systems. Students will also develop web pages through use of FrontPage and DreamWeaver software, use digital cameras to prepare presentations using MS PowerPoint, and use a scanner with PhotoShop software. This course will fulfill the technology applications requirement for graduation.

<b>MARKETING EDUCATION</b>
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**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
<b>2952</b>	<b>PROFESSIONAL SELLING</b>	<b>1</b>	<b>10-12</b>

**Prerequisite: None**

Get ready to learn about one of the most exciting and competitive businesses in the world. Professional Selling will cover the principles, problems, and techniques of on-on-one selling of ideas, products and services in today's domestic and international markets. Students will understand the psychological and social aspects of motivating buyers. Students will enhance their presentation, communication, social, and sales skills. All students are encouraged to participate in the leadership organization DECA. Students may also receive Tech Prep college credit through Dallas County Community College District.

<b>3662 SERVICES MARKETING</b>	<b>1</b>	<b>11-12</b>
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**Prerequisite: None**

Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing-information management, pricing, product planning, promotion, purchasing, risk management, and selling skills to help customers make satisfying buying decisions and solve marketing problems. Students are encouraged to join and participate in the leadership organization DECA. Students may also qualify for college credit through Tech Prep. Students may choose to enroll concurrently in Mountain View College by completing college registration and receive dual college credit from Mountain View College. Satisfies Distinguished Achievement Program Advanced Measure.

<b>3212 MARKETING MANAGEMENT</b>	<b>1</b>	<b>11-12</b>
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**Prerequisite: None**

After completing this course, students will understand the nature of business. They will learn how a business plans, leads, organizes, and controls its assets. Students will be able to recognize and demonstrate good management and leadership skills. Other major topics include business ethics, and workplace communication and social skills. Students may also receive Tech Prep college credit through Dallas County Community College District.



**3772 WELDING I 1 10-12**

**Prerequisite: 2962 or 3992 are recommended**

**4772 WELDING II 2 11-12**

**Prerequisite: Welding I and teacher approval**

Agriculture Mechanics and Welding are pre-employment courses with job specific training for entry level employment in welding careers. The curriculum includes blueprint reading, cutting and welding with oxyfuel, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes, entrepreneurship, safety, leadership and career opportunities. Students have the opportunity to become OSHA certified for safety. Equivalency for 4772.

**2682 INTRODUCTION TO COMPUTER-AIDED DRAFTING 1 10-12**

**Prerequisite: None**

This is a beginning technical laboratory course designed to provide an academically stimulating environment for students interested in and desiring to begin computer-aided drafting. Instruction includes computer hardware, CAD software, and technical drawings and problems generated and solved by using CAD. The interrelated human, scientific, and technological dimensions of CAD are examined using the resources of mathematics, science, and design skills used in CAD-related careers. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**3782 CAD DRAFTING and DESIGN I 2 10-12**

**Prerequisite: None**

CAD Drafting & Design I is a course designed to provide job-specific training for entry-level employment in drafting careers. First-year instructional emphasis is on sketching, lettering, dimensioning, and line development; use of descriptive geometry; development of electrical and electronic drawings; detailed mechanical and architectural drawings; and becoming proficient in the use of CAD. Students may also qualify for college credit through Tech Prep and State Wide articulation. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**4782 CAD DRAFTING and DESIGN II (Honors) 2 11-12**

**Prerequisite: CAD Drafting and Design I**

Drafting & Design II is a pre-employment laboratory course with job specific training. Advanced training is designed to prepare students for intermediate level entry in engineering and drafting careers. Course content includes sketching and rendering in colors, use of descriptive geometry, and advanced development of mechanical, electrical, welding, and architectural drawings. Advanced use of AutoCAD with 3-D modeling being the focus. Entrepreneurship, leadership, safety, and career opportunities as well as desirable work traits will be emphasized. 11<sup>th</sup> & 12<sup>th</sup> grade student may choose to enroll concurrently in Mountain View College by completing college registration and receive dual college credit from Mountain View College. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**3802 ADVERTISING DESIGN I 2 10-12**

**Prerequisite: Art I and recommend successful completion of 2912 – Computer Multimedia and Animation Technology.**

**4802 ADVERTISING DESIGN II 2 11-12**

**Prerequisite: Advertising Design I**

**4902 ADVERTISING DESIGN III (Honors) 2 12**

**Prerequisite: Advertising Design II**

First-year instruction is designed to provide job-specific training for entry-level employment in advertising design careers. Instruction emphasizes creation and design of graphic materials for use as ornamentation, illustration, advertising, and computer graphics. Second-year instruction is designed to enhance job specific training for entry-level employment in advertising design careers. Third-year advanced instruction is designed to provide development of individual talents and professional work attitudes. Opportunity to explore “in depth” a specific area of interest, such as film animation or computer graphics and prepare professional portfolio pieces aimed at the target job market is provided. Hands-on experiences in both manually produced and computer-generated graphic illustrations, as well as a basic understanding of advertising design production are provided. Students may also qualify for college credit through Tech Prep and State Wide articulation. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**2912 COMPUTER MULTIMEDIA AND ANIMATION TECHNOLOGY 1 10-12**

**Prerequisite: Art is recommended**

This course will expose students to various aspects of Media Technology, including basic video, audio, and animation concepts, as well as design principles and photo editing. Students will combine these five concepts to produce several class projects. Students will develop an adequate background to enter Advertising Design, Media Technology, Audio Technology or Computer Animation the next year. This course does meet the Technology Applications credit requirement for graduation.

**3882 MEDIA TECHNOLOGY I 2 10-12**  
**(Broadcast Journalism, Video & TV Production)**

**Prerequisite: Application and teacher approval. Recommend successful completion of any of the following courses: Journalism 1, Photo Journalism, Creative Writing, Art 1, Audio Technology 1, Animation 1, or Computer Multimedia and Animation Technology.**

Students learn the basics of television production and broadcast journalism by working independently and in crews to produce a variety of their own video productions through out the school year. Production units include News Story, "Eye of the Panther" News Magazine, Commercial, Talk Show, Sports Production, Music Videos, and more. Students learn to script, direct, and produce television programs which air throughout the school district and on local cable television. In this portfolio based course, students learn to develop digital video camera and editing skills and can burn a personal DVD "Video Portfolio" of their completed productions. Writing and program development are an important components of the course. Students may participate in many extended learning and professional development opportunities, such as taping and editing sports, theater, band performances and many other events. As part of the Dallas County Community College District Tech Prep Agreement, students can earn up to 12 hours of college credit with the completion of Media Tech I & II within the Arts & Communication Career Path. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**4882 MEDIA TECHNOLOGY II (Honors) 2 12**  
**(Advanced Broadcast Journalism, Video & TV Production)**

**Prerequisite: Successful completion Media Technology I and instructor approval.**

Among other production units, Media Technology II focuses on news production for **Eye of the Panther**, the student produced TV news magazine, and individual specialization in media skill area. Students practice to develop individual specialization in media skill areas and assume real world production roles to learn more advanced concepts of leadership, teamwork, and deadlines. In addition, students may develop a variety of independent projects such as a Biography, Comedy, Short Film, Video Art, Autobiography, Highlight Videos and Demo Reel. In addition, students may develop a variety of independent projects. Students continue to learn to script, direct, and produce television productions at a more advanced level which air throughout the school district and on local cable television. Membership in the nationally recognized organization, SkillsUSA, develops student leadership and provides many professional development opportunities such as competitions, field trips and guest speakers. In this portfolio based class students produce a personal DVD "Video Portfolio" containing all of their completed productions, and develop their "Demo Reel" which may be used for college/scholarship/job applications. Writing is a vital part of this course. Advanced students will have the opportunity to become Apple Final Cut Pro Certified as a video editor. This certification is recognized as an industry standard. As part of Dallas County Community College District Tech Prep Agreement, students can earn up to 12 hours of college credit with the completion of Media Tech I & II within the Arts & Communications Career Path. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**4892 TRADE AND INDUSTRIAL EDUCATION INDEPENDENT STUDY 1 12**

**Prerequisite: Instructor approval, completion of a minimum 2 courses in the chosen career concentration coherent sequence**

A project-based learning experience developed by students and a mentor team. The project provides for an in depth study of at least one aspect of a trade or industry. The student will demonstrate the ability to utilize a variety of resources, advanced technology, and communications skills in the development and presentation of a project. Students with various curriculum experiences will work together to design, produce, and deliver a variety of products including but not limited to: a school-based learning activity that provides an in-depth study of at least one aspect of a selected business/industry/labor independent study: present the project in at least two formats (model, graphic, verbal written, or other) to a panel of students, teachers and practitioners in the career concentration; and deliver the project's final product(s) that demonstrates the use of a variety of resources, technologies, and communications skills.. This activity meets one of the Distinguished Achievement Program (DAP) measures for graduation. Materials used in projects that the student elects to keep must be purchased by the student.

**3942 AUDIO TECHNOLOGY I 1 11-12**

**Prerequisite: Recommend successful completion of 2912 – Computer Multimedia and Animation Technology.**

Audio Technology students will explore the audio recording industry and its career opportunities. Professional sound recording equipment and software is used in classroom and studio exercises including microphone use, sound reinforcement, digital recording, editing, and mixing, radio and live performance. SkillsUSA is utilized to promote student professional development. Students may choose to enroll concurrently in Mountain View College by completing college registration and receive dual college credit from Mountain View College.

**3872 ANIMATION TECHNOLOGY I 1 10-12**  
**Prerequisite: Recommend successful completion of 2912 – Computer Multimedia and Animation Technology.**

Animation students will learn the basic principles of animation: modeling, texturing, lighting, story telling and rendering. 2D Motion Graphics and 3D Computer Animation will be explored through the use of state-of-the-art hardware and software. SkillsUSA is utilized to promote student professional development. 11<sup>th</sup> & 12<sup>th</sup> grade student may choose to enroll concurrently in Mountain View Community College by completing college registration and receive dual college credit from Mountain View Community College. Satisfies Distinguished Achievement Program Advanced Measure.

**4872 ANIMATION TECHNOLOGY II (Honors) 2 11-12**  
**Prerequisite: Successful completion of Animation Technology I and instructor approval.**

Animation II students will enhance their animation skills through real-world, project based lessons. Advanced modeling, lighting, texturing, character animation, special effects, and motion capture will be explored. SkillsUSA is utilized to promote student professional development. Students may choose to enroll concurrently in Mountain View Community College by completing college registration and receive dual credit from Mountain View Community College.

**1992 PRE-ENGINEERING TECHNOLOGY 1 10-11**  
**Prerequisite: None (9<sup>th</sup> grade students enrolled in any PreAP Math or Science may take the course)**

This overview project-based course is designed to introduce the technology systems of bio-related technology; communication; computer applications; construction; energy, power, and transportation; and manufacturing. Students will study concepts about technology systems and the influences these systems have at home, in communities, at work. The study of engineering history and of its importance to modern engineering will be shown in “hands on” applications. Students will learn in a computer networked environment, to solve engineering problems that may not have any pre-set formulas or procedures to solve.

**2972 PRINCIPLES OF TECHNOLOGY (Physics Credit) 1 11-12**  
**Prerequisite: Algebra I and two credits in science**

An applied physics course designed to provide a study in force, work, rate, resistance, energy, power, and force transformers as applied to mechanical, fluid, thermal, and electrical energy that comprise simple and technological devices and equipment. The course reinforces the mathematics applications a student needs to understand to apply the principles being studied. This course satisfies Physics requirement of Recommended Graduation Plan.

**3792 ELECTRONICS I 2 10-12**  
**Prerequisite: Pre-Engineering Technology is HIGHLY RECOMMENDED, Geometry, Application, and interview.**

This is a college-preparatory/pre-employment laboratory course with career specific training for entry level positions in electronic careers. Students will learn in a computer networked environment, which requires them to run computer simulations on numerous electronic circuits, to construct prototype systems and to document their efforts in technical reports. Students should be prepared to utilize algebraic, trigonometric, basic science, and written communication skills. Technical material covered includes atomic theory, basic DC theory, AC theory, test equipment use, soldering skills, basic semi-conductor theory, basic digital, and design theory. Students will also be involved in major high-tech research projects involving real world projected events. Students may also qualify for college credit through Dual Credit, Tech Prep and State Wide articulation. PE Equivalency. Satisfies Distinguished Achievement Program Advanced Measure.

**4792 ELECTRONICS II (Honors) 2 11-12**  
**Prerequisite: Electronics I, application, and interview**

This is a college-preparatory/pre-employment laboratory course with career specific training for entry level positions in electronic careers. Students will learn in a computer networked environment, which requires them to run computer simulations on electronic circuits, to construct prototype systems and to document their efforts in technical reports that are electronically forwarded to the instructor. Technical material covered includes advanced DC theory, review of AC theory, basic telecommunication theory, test equipment use, advanced semi-conductor theory & devices, power supplies, advanced digital theories and op-amp/converters. Also numerous research/design projects with technical documentation will be assigned as proof of course mastery. Students will be involved in major research projects that could lead to a simulated demonstration/operation of their assignments, (i.e. A project on space exploration would result in a simulated space mission.) Students may also qualify for college credit through Dual Credit, Tech Prep and State Wide articulation. PE Equivalency. IS CET/ETA certifications are offered. Satisfies Distinguished Achievement Program Advanced Measure.

<b>4952</b>	<b>ENGINEERING PRINCIPLES</b>	<b>(Honors)</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: Pre Engineering, application, and interview; recommend one of the following courses Electronics I, CAD I, Construction Tech I, or Audio Tech I, Computer Maintenance A+, Pre AP or AP Math or Science</b>				
This capstone project-based course is designed to assist student in the advanced use of technology systems of bio-related technology; communication; computer applications; construction; energy, power and transportation; and manufacturing. Students will study concepts about technology systems and the influences these systems have at home, in communities, and at work. Advanced areas in material stress analysis, bridge construction and thermal dynamics will be included. Students will learn in a computer networked environment to solve engineering problems that may not have any pre-set formulas or procedures to solve. Materials used in projects that the student elects to keep upon completion must be purchased by the student.				
<b>3952</b>	<b>A+ CERTIFICATION</b>		<b>1</b>	<b>10-12</b>
<b>Prerequisite: Pre-Engineering, BCIS I, Computer Science I , and Electronics I are recommended.</b>				
A+ is an industry-standard certification course that is required for anyone desiring to work in the area of computer repair or technical support. Topics covered in this course will include basic PC architecture, peripheral devices, MS_DOS, Windows 2000 and Windows XP operating systems, basic troubleshooting and repair. Students have the opportunity to become A+ certified; students are responsible for certification fees. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.				
<b>3752</b>	<b>NETWORK+ ADMINISTRATION</b>		<b>1</b>	<b>11-12</b>
<b>Prerequisite: A+ Certification 3952</b>				
Innovative course will provide students the knowledge and skill necessary to install, configure and troubleshoot basic networking hardware protocol and services. Knowledge of network implementation and support will be covered including wireless networking. Students have the opportunity to become Net+ certified. Students are responsible for certifications testing fees. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.				
<b>1832</b>	<b>INTRODUCTION TO TRANSPORTATION SERVICES CAREERS</b>		<b>1</b>	<b>9-10</b>
<b>Prerequisite: None, supply fee approximately \$25</b>				
This is a lab course designed to familiarize students with introductory skills and a basic understanding of career opportunities and training requirements in six fundamental career clusters related to transportation service careers: aircraft mechanics, auto body and collision repair, auto mechanics, diesel engine mechanics, small engine repair, and marine engine mechanics. Students will acquire skills that are immediately useful. Entrepreneurship, safety, and leadership training are included. This course will meet the National Automotive Technicians Education Foundation Program instructional requirements.				
<b>3822</b>	<b>AUTOMOTIVE COLLISION REPAIR &amp; REFINISHING TECH. I</b>		<b>2</b>	<b>10-12</b>
<b>Prerequisite: 1832 Introduction to Transportation Services Careers is recommended</b>				
<b>4822</b>	<b>AUTOMOTIVE COLLISION REPAIR &amp; REFINISHING TECH. II</b>		<b>2</b>	<b>11-12</b>
<b>Prerequisite: Auto Collision Repair &amp; Refinishing I</b>				
This is a pre-employment laboratory course with job specific training for entry level employment in the rapidly changing automotive after-market care field of auto body repair and refinishing. Course content includes custom painting techniques, frame and unibody repair; sheet metal, fiberglass, and synthetic material repair; welding skills; and preparation for/and application of primers and paints. Students have the opportunity to become OSHA certified for safety. Entrepreneurship, safety, leadership training, and career opportunity awareness are included. This course will meet the National Automotive Technicians Education Foundation Program instructional requirements. PE Equivalency.				
<b>3832</b>	<b>AUTOMOTIVE TECHNICIAN I</b>		<b>2</b>	<b>10-12</b>
<b>Prerequisite: 1832 Introduction to Transportation Services Careers is recommended, application with instructor approval</b>				
<b>4832</b>	<b>AUTOMOTIVE TECHNICIAN II</b>		<b>2</b>	<b>11-12</b>
<b>Prerequisite: Automotive Technician I</b>				
Automotive Technician I and II are pre-employment laboratory courses with job specific training for entry level employment in the automotive technician career field. Course content consist of all eight areas of the automobile. General Services curriculum required by NATEF will be used. Students have the opportunity to become OSHA certified for safety. Entrepreneurship, safety, leadership, and career opportunities are included. This course will meet the National Automotive Technicians Education Foundation Program instructional requirements. PE Equivalency.				

**2432 INTRODUCTION TO COSMETOLOGY**

**1**

**10**

**Prerequisite:** Enrollment fee due to TDLR (currently \$25) during the first week of school, closed toe and closed heel shoes required.

This course will introduce the beginning theory behind the science and art of Cosmetology. Students will sample a variety of services offered in Cosmetology through lab experiences, video, observation and guest speakers. Students can earn clock hours toward an operator's license with the Texas Department of Licensing and Regulation (TDLR). A limited number of students will advance to Cosmetology I due to the class size restrictions set by the state. The students will be selected based on their discipline record, attendance, class hours accumulated, academic success, citizenship and career interest.

**3852 COSMETOLOGY I**

**3**

**11**

**Prerequisite:** Intro. To Cosmetology (selection process), students must purchase a cosmetology kit, uniform, closed toe and closed heel shoes and supply fees (due first week of school), mandatory parent meeting.

**4852 COSMETOLOGY II A.M.**

**3**

**12**

**3853 COSMETOLOGY LAB A.M.**

**1 (Local)**

**12**

**Prerequisite:** Successful completion of Cosmetology I, uniform, closed toe and closed heel shoes, supply fee (due first week of school), students may need to replace portions of their cosmetology kit (kit is required for licensing exam), mandatory parent meeting.

This is a pre-employment laboratory course with job specific training for entry level employment in cosmetology careers. Course content includes sterilization and sanitation processes, shampooing and rinsing hair, application of conditioning creams and color rinses, application of scalp and hair treatments, shaping and thinning hair, hair-styling, permanent waving, hair coloring, lightening services, manicuring, facial massage, facial make-up, entrepreneurship, safety, leadership, and career opportunities. Students may be required to attend outside of school hours in preparation for the licensing exam. At the completion of Cosmetology II, students will take the Texas Cosmetology Licensing Exam and provide written documentation to their instructor of their success. Upon passing both the written and practical portions of the licensing exam, the student will be licensed by the state of Texas as a cosmetologist.

**4752 TRADES AND INDUSTRIAL CAREER PREP I**

**3**

**11-12**

**Prerequisite:** 16+, application, interview, and teacher's approval signature. Must sign up for at least a double block Work Release.

This is a career prep education program that combines occupationally related classroom instruction and on-the-job training experiences. Job specific skilled training and equipment are provided by employers who hire students to work for a minimum of 15 hours a week during each school during each school day at wage rates equitable for beginning employees. Employers also consult with and advise the teacher-coordinator of the program regarding the instruction students need in the classroom phase of their training. Entrepreneurship, safety, leadership and career opportunities are included with work ethics and job related study in the classroom. PE Equivalency.

# COMPUTER SCIENCE / TECHNOLOGY APPLICATIONS

One computer/technology applications credit is required for graduation from Duncanville High School. The following will also satisfy the technology applications requirement for graduation: A coherent sequence 2 or more classes, for 3 or more credits) within the following clusters at DHS. Students must begin the sequence of courses PRIOR to grade 11. Computer Aided Drafting: Intro to CAD, CAD I and/or CAD II; Advertising Design: Adv. Design I, II and/or III; Media Technology: Media Tech I, II and/or T&I Independent Student in Media Tech; Animation Technology: Animation Tech I, II and/or T&I Independent Study in Animation Technology.

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

The last digit of the course # indicates the course level for ranking point purposes

0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

No.	Course	Credit	Grade
1372	COMPUTER SCIENCE I	1	9-12

**Prerequisite: Algebra I**

Computer Science is a branch of knowledge that includes, but is not limited to “Computer Programming”. Computer Science I differs from BCIS in that students are instructed in how to communicate with and instruct a computer what to do rather than how to use a prewritten program such as Word, Excel or PowerPoint. Students are taught problem solving skills using sequence, selection, repetition, and modularization. Modularization is repeated achieving several levels of abstraction. Primitive data is distinguished from composite data and students modulate between using prewritten code and creating new code. Java syntax is used as the language vehicle allowing for an introduction to OOP (Object Oriented Programming). Completion of this course should permit a student to be prepared to successfully take an introductory college/university level computer class. Course satisfies the state Technology Applications credit requirement

1371	COMPUTER SCIENCE I PRE-ADVANCED PLACEMENT	1	9-12
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**Prerequisite: Pre-AP Geometry or concurrent enrollment in Pre-AP Geometry**

Pre-AP Computer Science I is designed as the first of a two year curricular sequence (1371 & 2380) whose purpose is to prepare students to take the Computer Science A Advanced Placement® Exam. Although a two year commitment is desirable it is not a requirement. Students use Java as a language vehicle to learn concepts associated with problem solving: sequence, selection, repetition, modularization, and functional decomposition. Students learn to distinguish primitive data from composite data as well as being introduced to the first two of three OOP (Object Oriented Programming) concepts of encapsulation and inheritance. Students finishing this class will be encouraged to take 2380 Advance Placement Computer Science I the following year for the opportunity to receive 1 semester of college/university credit work while in high school. Course satisfies the state Technology Applications credit requirement.

2370	COMPUTER SCIENCE I ADVANCED PLACEMENT	1	10-12
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**Prerequisite: Pre-AP Geometry with an average of 85 or higher and teacher recommendation**

AP Computer Science is designed to prepare students to take the AP Computer Science A exam at the end of one year of study. Students use Java as a language vehicle to learn concepts associated with problem solving: sequence, repetition, modularization, and functional decomposition. Students learn to distinguish primitive data from composite data as well as being introduced to OOP (Object Oriented Programming) concepts of encapsulation, inheritance and polymorphism. Only highly motivated and driven students should take this class as the pace is relentless and the evaluations are constructed to mimic the evaluations of the AP Computer Science exam.

2380	ADVANCED COMPUTER SCIENCE I ADVANCED PLACEMENT	1	10-12
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**Prerequisite: 1371 Computer Science I or teacher approval based on submission of a portfolio showing mastery of material in 1371 CS curriculum.**

This is the continuation of curriculum started in 1371 designed to prepare the students to take the AP Computer Science exam. This is not a beginners class. Students will quickly review materials they learned in the 1371 curriculum and proceed to cover the remainder of the AP Computer Science curriculum. As students have had a year of programming experience they will be able to quickly complete learning the remainder of the first year AP Computer Science curriculum: list algorithms, ArrayList class, and the AP CS Case Study. Students will then be able to work on concepts previously reserved for the terminated APCS AB curriculum such as linked lists, hashing, two-dimensional arrays, data structures, “Big-O” categories of algorithmic efficiency, and Java’s Collection class.

- 2382 COMPUTER SCIENCE II 1 11-12**  
**Prerequisite: 1372 Computer Science I or teacher approval based upon submission of a portfolio showing mastery of material in the 1372 CS curriculum.**  
 This course is a continuation of the curriculum started in 1372. The courses intent is to cover all the elements of the AP Computer Science curriculum, but without the same level of rigorous evaluation necessary to prepare a student for the AP exam. Java is used and students will be exposed to all three areas of OOP (encapsulation, inheritance, and polymorphism). List and standard list algorithms are explored as well as recursion, file I/O, graphics, and Java's ArrayList class. If time is available the students will work with linked lists and the Java Collection classes.
- 2371 INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS HONORS 1 11-12**  
**Prerequisite: Computer Science 2370, 2380, or 2382 and teacher approval**  
 INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS is a full year honors course, which involves problem solving via the application of skills mastered in previous Computer Science courses. Opportunity will be provided to cover the now discontinuedAPCS AB curriculum as well as application of those concepts to computer graphics in Java.
- 1172 BUSINESS COMPUTER INFORMATION SYSTEMS I 1 9-12**  
**Prerequisite: Keyboarding or Keyboarding Proficiency Test**  
 This full year computer course develops technology skills with applications to personal or business situations focusing on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies. BCIS I develops intermediate level skills. Each student has his/her own work station. Internet is available in the classroom. BCIS I will fulfill the technology applications requirement for graduation. Students may also qualify for college credit through Tech Prep and State Wide articulation.
- 3902 BUSINESS COMPUTER INFORMATION SYSTEMS II 1 10-12**  
**Prerequisite: BCIS I with BCIS I teacher recommendation and a keyboarding speed of 30 WPM is highly recommended.**  
 This lab course provides advanced technology skills required by the business environment; includes workplace technology standards in applications of word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies; and develops advanced level skills. This course will be also accepted by many major universities for their computer requirement toward graduation.
- 3922 MOS Prep I 1 10-12**  
**Prerequisites: BCIS I with BCIS I teacher recommendation and Keyboarding speed of 30 WPM is highly recommended.**  
 This lab course provides advanced technology skills in Microsoft Office XP required to pass a Microsoft Office Specialist (MOS) certification exam. Certification will be offered in Word Core and Power Point. Students will be required to take/pass at least one certification exam. Objectives will be taught and pretest will be given in the classroom in preparation for the actual certification exam. MOS exams will be administered at DHS. Since Microsoft Certifications are nationally known benchmarks, any of these certifications will greatly benefit the student when applying for college and/or employment. This course is also accepted by many colleges for their computer requirement toward graduation. Students who elect to take the certification exam will be responsible for the exam fee.
- 3972 MOS Prep II 1 10-12**  
**Prerequisites: BCIS I with BCIS I teacher recommendation and Keyboarding speed of 30 WPM is highly recommended**  
 This lab course provides advanced technology skills in Microsoft Office XP required to pass Microsoft Office Specialist (MOS). Certification exams will be offered in Excel Core and Word Expert. Students will be required to take/pass at least one certification exam. Objectives will be taught and pretest will be given in the classroom in preparation for the actual certification exam. MOS exams will be administered at DHS. Since Microsoft Certifications are nationally known benchmarks, any Microsoft Certification will greatly benefit the student when applying for college and/or employment. This course is accepted by many major colleges for their computer requirement toward graduation. Students who elect to take the certification exam will be responsible for the exam fee.
- 3952 A+ CERTIFICATION 1 10-12**  
**Prerequisite: Pre-Engineering, BCIS I, Computer Science I , and Electronics I are recommended.**  
 A+ is an industry-standard certification course that is required for anyone desiring to work in the area of computer repair or technical support. Topics covered in this course will include basic PC architecture, peripheral devices, MS\_DOS, Windows 2000 and Windows XP operating systems, basic troubleshooting and repair. Students have the opportunity to become A+ certified; students are responsible for certification fees. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**3752 NETWORK+ ADMINISTRATION 1 11-12**

**Prerequisite: A+ Certification 3952**

Innovative course will provide students the knowledge and skill necessary to install, configure and troubleshoot basic networking hardware protocol and services. Knowledge of network implementation and support will be covered including wireless networking. Students have the opportunity to become Net+ certified. Students are responsible for certifications testing fees. Students may also qualify for college credit through Tech Prep and State Wide articulation. Satisfies Distinguished Achievement Program Advanced Measure.

**4912 BUSINESS IMAGE MANAGEMENT AND MULTIMEDIA (Honors) 1 11-12**

**Prerequisite: BCIS I, BCIS II recommended. Keyboarding speed of 30 wpm highly recommended.**

This lab course develops proficiencies in designing, importing, and manipulating advanced text, graphics, and audio used in presentation management, multimedia productions, and publishing systems. Students learn to develop web pages using HTML, use digital cameras to prepare presentations using MS PowerPoint, and use a scanner with PhotoShop software. Students will also develop web pages through use of FrontPage and DreamWeaver software. This course will fulfill the technology applications requirement for graduation.

**4932 BUSINESS IMAGE MANAGEMENT AND MULTIMEDIA 1 10-12**

**Prerequisite: Keyboarding speed of 30 wpm highly recommended.**

This lab course develops proficiencies in designing, importing, and manipulating advanced text, graphics, and audio used in presentation management, multimedia productions, and publishing systems. Students will also develop web pages through use of FrontPage and DreamWeaver software, use digital cameras to prepare presentations using MS PowerPoint, and use a scanner with PhotoShop software. This course will fulfill the technology applications requirement for graduation.

**2912 COMPUTER MULTIMEDIA AND ANIMATION TECHNOLOGY 1 10-12**

**Prerequisite: Art is recommended**

This course will expose students to various aspects of Media Technology, including basic video, audio, and animation concepts, as well as design principles and photo editing. Students will combine these five concepts to produce several class projects. Students will develop an adequate background to enter Advertising Design, Media Technology, Audio Technology or Computer Animation the next year. This course does meet the Technology Applications credit requirement for graduation.

**FINE ARTS**

One Credit in a Fine Arts course is required for graduation from Duncanville High School

**ART**

\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\*

The last digit of the course # indicates the course level for ranking point purposes

0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

<b>No.</b>	<b>Course</b>	<b>Credit</b>	<b>Grade</b>
1142	ART I	1	9-12

**Prerequisite: None**

This course emphasizes the study of basic art concepts designed to introduce the student to the importance of recognizing, defining, and applying the ELEMENTS OF ART and the PRINCIPLES OF DESIGN in composition, to expose the student to various art movements, and to explore the use of a variety of media available to the artist in both two and three-dimensional art projects. Art supplies are required.

**1141 ART I - ADVANCED 1 9**

**Prerequisite: Middle School Art 1, 2, and 3**

This course is for the motivated student who has a serious interest in visual art. Students will be challenged to deeply understand the Elements of art and the Principles of art in composition, further master the use of materials and

techniques, to explore various art movements, and to self-discover and investigate themselves and the world around them through their own art experiences. Art supplies are required.

**2042 ART II 1 10-12**

**Prerequisite: Art I**

This course is designed to expand student experience in working with basic art concepts and movements and to introduce additional techniques and media related to two and three-dimensional areas. Art supplies are required.

**3042 ART III 1 11-12**

**Prerequisite: Art II**

This course emphasizes more advanced compositional concepts utilizing realistic and abstract interpretation of subject matter. Opportunities for in-depth study will allow the student to become more familiar with techniques and media presented in the previous course. The emphasis is on individual insight, style, interpretation and experimentation. Supply fee is required

**STUDIO ART ADVANCED PLACEMENT 1 11-12**

**3030 DESIGN PORTFOLIO**

**3130 DRAWING PORTFOLIO**

**Prerequisite: Art I and II, portfolio submission of artwork created within the past two years**

Studio art is intended for highly motivated students who are seriously interested in the study of art. This course requires significant commitment and accomplishment than the typical high school course. The student is required to create a portfolio of art that is divided into three sections: Quality, Concentration and Breadth. The Concentration section demonstrates a depth of investigation and process of discovery created outside of class, while the Quality and Breadth sections must demonstrate skills in visual principles and material techniques created within the class. The portfolio of work will be evaluated at the end of the school year by college, university, and secondary art instructors. AP Studio Art is a college-level course for those who want to obtain college Art credit, which is determined by the Studio Art portfolio and exam administered in May by the College Board at a cost to the student. Supply fee is required. Course may be repeated for credit.

**DANCE/DRILL TEAM**

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade	
<b>2502</b>	<b>DANCE I (PE)</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>

**Prerequisite: Physical Education 1602 or 1632**

This course provides the student with a beginning approach to basic/intermediate dance movements, rhythm, floor exercise and choreography.

<b>2532</b>	<b>DANCE II</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>
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**Prerequisite: Dance I 2502**

The course will provide the student with intermediate skills and knowledge of dance as an art form and lifetime activity. The student shall develop kinesthetic awareness and movement memory, as well as creative expression through movement. Dance II shall also develop self-confidence through the use of dance by providing informal performances during class. This class shall be structured for those students who are particularly interested in advancing to Dance III/Drill Team.

<b>1682</b>	<b>FRESHMAN DRILL TEAM</b>	<b>First Semester</b>	<b>.5</b>	<b>9</b>
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<b>1692</b>	<b>FRESHMAN DRILL TEAM</b>	<b>Second Semester</b>	<b>.5</b>	<b>9</b>
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**Prerequisite: Successful completion of a 3 day Registration Workshop during the summer**

Participation in drill team is considered an extra curricular activity requiring dancing skills and physical endurance. This course includes time beyond the one period of class. Students will perform at athletic events as well as other school-related events.

This drill team is open to interested girls in the 9<sup>th</sup> grade. Tryouts are not required. A course fee will be required prior to enrollment. This course will count as a PE equivalent.

<b>2192</b>	<b>DRILL TEAM (High Hats)</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>
<b>2392</b>	<b>DRILL TEAM (High Hats)</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>

**Selection by impartial judges**

Participation in drill team is considered an extracurricular activity and demands not only marching and dancing skills but also much time beyond the 90 minute class period. Drill team activities are varied throughout the year and include performances at football halftimes as well as performing at all competitive events with the DHS Marching Band. (The High Hats are actually considered a “color guard” during marching season.) During the winter & spring, performances include basketball halftimes, parades, competitive events, and an elaborate Spring Show. Tryouts are held during the spring and are open to any freshman, sophomore, or junior girl who wishes to be in the drill team the following school year. Approximately six weeks of practice during summer vacation is required for drill team. If selected, there is a substantial fee involved which includes payment for mandatory summer camps, uniforms and uniform accessories, practice attire, footwear, and general supplies.

## MUSIC (CHORAL)

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**  
**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

<b>No.</b>	<b>Course</b>	<b>Credit</b>	<b>Grade</b>
<b>1492</b>	<b>CONCERT WOMEN’S CHOIR I</b>	<b>1</b>	<b>9</b>
<b>2492</b>	<b>CONCERT WOMEN’S CHOIR II</b>	<b>1</b>	<b>10</b>
<b>3492</b>	<b>CONCERT WOMEN’S CHOIR III</b>	<b>1</b>	<b>11</b>
<b>4492</b>	<b>CONCERT WOMEN’S CHOIR IV</b>	<b>1</b>	<b>12</b>

**Prerequisite: None**

This choral ensemble is primarily a training ensemble for students who have an interest in choral music. Course content will emphasize learning to read music, ear training, and vocal development in preparation for more advanced choral ensembles. This choir will have some required after school rehearsals and will participate in the choral department concerts.

<b>1262</b>	<b>VARSITY WOMEN'S CHOIR I</b>	<b>1</b>	<b>9</b>
<b>2262</b>	<b>VARSITY WOMEN'S CHOIR II</b>	<b>1</b>	<b>10</b>
<b>3322</b>	<b>VARSITY WOMEN'S CHOIR III</b>	<b>(Honors) 1</b>	<b>11</b>
<b>4262</b>	<b>VARSITY WOMEN'S CHOIR IV</b>	<b>(Honors) 1</b>	<b>12</b>

**Prerequisite: Previous choral experience. Audition and director’s approval.**

This choral ensemble is an advanced choir for students who have at least a basic knowledge of sight-reading and are interested in pursuing a higher level of choral music. Course content will emphasize advancement in reading music and singing more advanced choral music. Performance will include fall, holiday, and spring concerts. In addition, this choir will participate in UIL solo & ensemble competition and UIL concert and sight reading competition. There will be scheduled required after school rehearsals.

<b>1242</b>	<b>CONCERT MEN’S CHOIR I</b>	<b>1</b>	<b>9</b>
<b>2212</b>	<b>CONCERT MEN’S CHOIR II</b>	<b>1</b>	<b>10</b>
<b>3202</b>	<b>CONCERT MEN’S CHOIR III</b>	<b>1</b>	<b>11</b>
<b>4212</b>	<b>CONCERT MEN’S CHOIR IV</b>	<b>1</b>	<b>12</b>

**Prerequisite: None**

This choral ensemble is primarily a training ensemble for students who have an interest in choral music. Course content will emphasize learning to read music, ear training, and vocal development in preparation for more advanced choral ensembles. This choir will have some required after school rehearsals and will participate in the choral department concerts.

2272	VOCAL ENSEMBLE - SWINGERS II	1	10
3272	VOCAL ENSEMBLE - SWINGERS III	(Honors) 1	11
4272	VOCAL ENSEMBLE - SWINGERS IV	(Honors) 1	12

**Prerequisite: Previous choral experience. Audition and director's approval**

This group is the school's Show Choir. This class affords the more talented student an opportunity to experience different musical styles, including jazz choir, show choir, pop choir, etc. The Show Choir performs most music with choreography. Any additional students involved with the group (instrumentalists, sound technician, business manager, etc.) must be members of the choral program. Students will be required to meet many evening and some weekend performances and numerous extra rehearsals. The Show Choir experience provides opportunities to develop singing, dancing, acting, and other performance skills necessary for performing in musical theatre productions. A strong positive attitude toward teamwork and excellence is required.

2252	A CAPPELLA CHOIR II	1	10
3242	A CAPPELLA CHOIR III	(Honors) 1	11
4252	A CAPPELLA CHOIR IV	(Honors) 1	12

**Prerequisite: Audition and director's approval**

This choral ensemble will consist of 40-60 singers chosen through competitive audition held in the spring. Students may be added in the fall if vacancies occur during the summer. This group will participate in UIL activities, present fall, holiday and spring concerts, and perform for a number of school and community events. Students should maintain passing grades in all classes and exhibit a superior attitude. Members of A Cappella Choir are expected to participate in all choir activities and be dedicated to the choir program for the benefit of themselves and the organization. This ensemble usually will participate in an out of the area music festival at some point during the school year.

2322	VOCAL ENSEMBLE – CHAMBER SINGERS	1	10-12
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**Prerequisite: Audition and director's approval and at least one year of previous high school choir experience.**

This sixteen member Ensemble is designed to sing music from Early Renaissance to Classical Style. This ensemble affords the more talented students to sing advanced music in a smaller ensemble. This group will sing in a variety of concerts and dinner theaters and will sing off campus during the school day at various times for public performances. This ensemble will have extra rehearsal called throughout the year and may perform in a contest at some point during the year. A strong positive attitude toward teamwork and excellence is required.

4000	MUSIC THEORY ADVANCED PLACEMENT	1	12
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**Prerequisite: Prior enrollment in vocal/instrumental study within the past year, either as part of the Duncanville ISD music curriculum or in private study with an applied instructor. In addition, the student must pass a pretest covering the fundamentals of music theory.**

This course will cover the materials and structure of music. It is a freshman college level course. Included will be the analysis of individual compositions and the use of composition techniques. Students will be expected to do written work daily. College Board curriculum will prepare students to take the Advanced Placement Examination in May at a cost to the student, which may enable the student to obtain advanced placement and/or college credit.

## MUSIC (INSTRUMENTAL)

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
1362	INSTRUMENTAL ENSEMBLE I	1	9-12
2362	INSTRUMENTAL ENSEMBLE II	1	10-12
3362	INSTRUMENTAL ENSEMBLE III	1	11-12
4362	INSTRUMENTAL ENSEMBLE IV	1	12

**Prerequisite: Instrumental Ensemble, Concurrent enrollment in Wind Ensemble, Honors, or Symphonic Bands.**

Any student who is unable to meet the "Minimum competency" for Symphonic Band will be given the option to register for Instrumental Ensemble until the competency requirements are met. Instrumental Ensemble, by itself, is a non-

performing class and will not count as Physical Education credit. This class will provide opportunities for small ensemble experience and the study of chamber literature, music literature and the refinement of musical and technical skills.

**1302 FRESHMAN SYMPHONIC BAND I 1 9**

**Prerequisite: Audition and director's approval**

Those who have reached performance Level IV may become members of the freshman performing band. This class will participate in UIL contests, concerts as scheduled, and a local festival. Section rehearsals at 7:00 a.m. or after school are required once a week. Participation in Marching Band is required. This class will meet daily for ½ block and students will attend a specially scheduled required academic class for the remaining ½ block daily.

**1352 INSTRUMENTAL BAND 1 9-12**

**Prerequisite: Audition and director's approval**

This is a non-performing developmental class. Students will study fundamentals of their instrument and ensemble skills. Any student who cannot meet DISD Minimum Skill requirements will be assigned. Instrumental Band will not satisfy Physical Education requirement and no participation in marching band will be included.

**2312 SYMPHONIC BAND II 1 10-12**

**3312 SYMPHONIC BAND III 1 11-12**

**4312 SYMPHONIC BAND IV 1 12**

**Prerequisite: Audition and director's approval**

An instrumentation of approximately 50-70 players will be chosen in tryouts in the preceding semester from among those who have reached Performance Level IV. The Symphonic Band will participate in UIL Contest, and Spring Concerts and a festival if scheduling will allow. Section rehearsals before or after school, once per week are required. Concurrent enrollment in the corresponding section of Instrumental Ensemble is required.

**2302 HONORS BAND II 1 10-12**

**3302 HONORS BAND III (Honors) 1 11-12**

**4302 HONORS BAND IV (Honors) 1 12**

**Prerequisite: Audition and director's approval**

An instrumentation of approximately 50-70 players will be chosen from among those who have reached Performance Level V in tryouts in the preceding semester. Section rehearsals will be required once a week before or after school. The Honors band will perform at UIL Contests, concerts as scheduled, and a festival to be announced in the fall. Concurrent enrollment in the corresponding section of Instrumental Ensemble is required.

**1292 WIND ENSEMBLE I 1 9-12**

**2292 WIND ENSEMBLE II 1 10-12**

**3292 WIND ENSEMBLE III (Honors) 1 11-12**

**4292 WIND ENSEMBLE IV (Honors) 1 12**

**Prerequisite: Audition and director's approval**

This performing group will consist of a specific instrumentation of 46-60 players chosen from among those who have reached Performance Level VI in tryouts in the preceding semester. Students in Wind Ensemble must exhibit superior attitudes and competency as musicians. Section rehearsals will be required once a week at 7:00 a.m. or after school. The Wind Ensemble will perform at UIL Contest, concerts as scheduled, and a festival to be announced in the fall. Concurrent enrollment in the corresponding section of Instrumental Ensemble is required.

**3282 JAZZ ENSEMBLE 1 11-12**

**Prerequisite: Concurrent enrollment in band or choir. Audition.**

This course offers a range of music study including jazz, improvisation, rock and popular music. Music studied and performed by Jazz Band includes styles not available in marching band and concert band. The instrumentation is limited and membership will be determined by audition.

**2402 APPLIED MUSIC I (Individual Study) 1 10-12**

**Prerequisite: Concurrent enrollment in Instrumental Music Program. Band Director's Approval.**

This course enables students to advance their development of proficiency in instrumental performance. The course addresses the specific needs of each student and provides individualized instruction through the medium of challenging literature for study and performance. Public performance of memorized music is required.

**4000 MUSIC THEORY ADVANCED PLACEMENT****1****12**

**Prerequisite:** Prior enrollment in vocal/instrumental study within the past year, either as part of the Duncanville ISD music curriculum or in private study with an applied instructor. In addition, the student must pass a pretest covering the fundamentals of music theory.

This course will cover the materials and structure of music. It is a freshman college level course. Included will be the analysis of individual compositions and the use of composition techniques. Students will be expected to do written work daily. College Board curriculum will prepare students to take the Advanced Placement Examination in May at a cost to the student, which may enable the student to obtain advanced placement and/or college credit.

## THEATRE ARTS

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
<b>1132</b>	<b>THEATRE ARTS I - EXPLORATORY PROGRAM</b>	<b>1</b>	<b>9-12</b>

**Prerequisite:** None

The objective of this course is to allow the student to explore all the different areas involved in theatre and to develop an appreciation for live theatre. Emphasis will be placed upon building confidence, eliminating stage fright, and developing creative and collaborative skills, as students create and perform monologues and scenes. Course units including acting, pantomime, improvisation, theatre heritage and technical theatre. Some memorization is required in preparation for performances. Participation in after school drama activities is not required.

<b>1122</b>	<b>THEATRE ARTS I - PRODUCTION</b>	<b>1</b>	<b>9-12</b>
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**Prerequisite:** Audition and director's approval

The objective of this course is to offer an accelerated approach to performance for the student who plans to be very involved in play productions and in oral interpretation and acting events at speech tournaments. Extensive reading of scripts and memorization of monologues, oral interpretation selections, and scenes will be required of students in this course. Students will be expected to display strong self-discipline and motivation, and must work productively in a loosely structured environment. In addition to giving acting performances students will study theatre heritage, script analysis, and technical theatre. Participation in after school play productions and at speech tournaments will be expected of students.

<b>2032</b>	<b>THEATRE ARTS II</b>	<b>1</b>	<b>10-12</b>
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**Prerequisite:** Theatre Arts I with teacher approval

This course continues the study of theatre established in Theatre Arts I. It is designed to further investigate the area of acting. Instructional units will include classical styles, children's theatre, play writing, stylized stage make-up and theatre career awareness. Participation in after school play productions and at speech tournaments will be expected of students.

<b>3032</b>	<b>THEATRE ARTS III</b>	<b>(Honors) 1</b>	<b>11-12</b>
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**Prerequisite:** Theatre Arts I & II with teacher approval

The objective of this course is to further develop the individual talents of the theatre student. Emphasis will be placed on acting and directing; all projects will be performance oriented. Special attention will be given to career opportunities and preparation for theatrical occupations. Participation in after school play productions and at speech tournaments will be expected of students.

<b>4132</b>	<b>THEATRE ARTS IV</b>	<b>(Honors) 1</b>	<b>12</b>
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**Prerequisite:** Theatre Arts III with teacher recommendation

The objective of this course is to further the development of the individual talents of the advanced theatre student. Special projects are assigned to each student in areas of design, directing and acting. Participation in after school play productions and at speech tournaments will be expected of students.

<b>2152</b>	<b>THEATRE PRODUCTION – INTERPRETATION OF THE SPOKEN WORD</b>	<b>1</b>	<b>10-12</b>
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**Prerequisite:** Theatre Arts I or Oral Interpretation I and concurrent enrollment in Debate, Oral Interpretation, or Theatre Arts

This course is for the enthusiastic communications student. It involves advanced work in theatre theory. Students will direct theatrical productions and perform advanced oral interpretations. Participation in competitive events is required.

**2062 TECHNICAL THEATRE I** 1 10-12

**Prerequisite: Theatre Arts I and Teacher approval**

This course is designed for those students interested in the technical aspects of theatre. Instruction will include both design and practical application techniques in the areas of stage lighting, scenery, properties, costuming, and make-up. All backstage operations will be thoroughly explored. Students will be strongly encouraged to participate in crew positions in major theatre productions.

**3262 TECHNICAL THEATRE II** 1 11-12

**Prerequisite: Technical Theatre I and/or Theatre Arts I with teacher approval**

Technical Theatre II students will be required to help with all aspects of the various theatre productions throughout the year. They will develop social and leadership skills as they serve as crewheads for the shows. They will also study various design elements and will have the opportunity to design costumes, sets, lights, makeup and sound. They will be given the chance to work in various types of theatre and recognize the many career options open to them.

## FOREIGN LANGUAGES

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
1102	FRENCH I	1	9-12

**Prerequisite: None**

This course is an integrated, proficiency-based program with an emphasis on oral/written communication, interwoven with the study of francophone cultures. Students develop proficiency through a variety of methods including special attention to vocabulary development, grammar, speaking and listening activities. Daily life in France, Canada, Western Africa and the Caribbean will be studied.

**2102 FRENCH II** 1 9-12

**Prerequisite: French I**

This course is a continuation of French I with increased emphasis on speaking, reading and written skills. More advanced study of grammar and vocabulary with special attention to the areas of Touraine and Provence, Paris, Martinique and the Ivory Coast will be studied.

**3101 FRENCH III PRE-ADVANCED PLACEMENT** 1 10-12

**Prerequisite: French II with 80 overall average**

The third year includes a grammar review and introduction to complex grammatical structures in addition to composition and practice in listening and speaking. Selected readings in French literature and an introduction to historical, cultural, and artistic elements of French culture complete this course.

**4100 ADVANCED FRENCH I ADVANCED PLACEMENT** 1 11-12

**Prerequisite: French III Pre-AP with 80 average**

The fourth year of French will follow the Advanced Placement curriculum for French language which involves an intense study of French grammar and composition with special emphasis on listening and speaking skills. The course will involve the use of college level texts and materials with selected readings in French literature and media publications. Students who are interested will be able to take the Advanced Placement Examination in May at a cost to the student, which may enable the student to obtain advanced placement and /or college credit.

**4101 ADVANCED FRENCH I HONORS (Level 4)** 1 11-12

**Prerequisite: French III Pre-AP with 80 average**

This fourth year French class is being offered for the student who wishes to continue his/her study of French, but does not choose to take Advanced Placement French. The student will continue to expand his/her use of grammatical construction and to develop oral proficiency. Students will study the history, cultures and literature of French speaking countries. Curriculum will be the honors curriculum approved by the state.

<b>4130</b>	<b>ADVANCED FRENCH II AP LITERATURE (Level 5)</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: Advanced French I AP &amp; teach with 80 average</b>			
This fifth year French class follows the College Board guidelines for the AP French Literature program and prepares students to take the Advanced Placement Examination in Literature given in May at a cost to the student, which may enable the student to obtain advanced placement and /or college credit. Students will read modern French literary texts in all genres and analyze the form and content of literary works, both orally and in writing, using appropriate terminology.			
<b>4131</b>	<b>ADVANCED FRENCH II HONORS (Level 5)</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: Advanced French I AP or Honors with 80 average</b>			
This course is for the student who has completed level 4 French and would like to continue developing communicative skills. A comprehensive review of French grammar for advanced students and authentic reading materials will be provided. Reading materials will be selected to reflect French speaking cultures. Students will use oral communication skills in creative situations. Students will use research techniques, including the Internet, to explore current political trends and current events in French speaking countries.			
<b>1092</b>	<b>GERMAN I</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: None</b>			
This is a comprehensive approach to the German language and culture in German-speaking countries. Students will develop concurrently the skills of speaking, listening comprehension, reading and writing German. The course emphasizes basic vocabulary and grammar structures to provide students with tools for authentic use of the language. Introduction to the German culture is integrated into the curriculum.			
<b>2092</b>	<b>GERMAN II</b>	<b>1</b>	<b>10-12</b>
<b>Prerequisite: German I</b>			
The course is a continuation of German I, with more complex vocabulary and grammar structures introduced. Students will continue to improve their listening comprehension, speaking, reading and writing skills. Students will broaden their understanding of life in German-speaking countries.			
<b>2091</b>	<b>GERMAN II PreAP</b>	<b>1</b>	<b>10-12</b>
<b>Prerequisite: German I with 80 average</b>			
Students will expand at a 30% accelerated pace, communicative skills introduced in level one while continuing to develop vocabulary and learn more complex grammar structures. There is a balanced approach focusing on reading, writing, speaking, and listening skills. Students will continue learning about other cultures in context. Students will compare cultures and languages, and will use German skills to make connections to other disciplines. Students will be required to write an essay each six weeks in preparation for the College Board Advanced Placement curriculum.			
<b>3121</b>	<b>GERMAN III PRE-ADVANCED PLACEMENT</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: German II with 80 average</b>			
The third year of German continues the comprehensive approach to the German language and culture. Students expand their vocabulary and understanding of grammar concepts to examine issues important to them and students in Germany. An in-depth study of German culture and history is an essential part of this course. An introduction to authentic German prose. Selected readings from German literature and an introduction to historical and cultural aspects of German culture are essential to this course.			
<b>4120</b>	<b>ADVANCED GERMAN I ADVANCED PLACEMENT</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: German III Pre-AP with 80 average</b>			
The fourth year of German will follow the Advanced Placement guidelines and will focus on the mastery of listening, speaking, reading and writing skills with emphasis on advanced conversation and composition. The study of culture will be an important part of the curriculum which will include the use of college-level texts and authentic reading materials such as literature and media publications. This course is designed for college-bound students, and will prepare the students to take the Advanced Placement Exam in German in May at a cost to the student.			
<b>4121</b>	<b>ADVANCED GERMAN I HONORS</b>	<b>1</b>	<b>12</b>
<b>Prerequisite: German III Pre-AP with 80 average</b>			
This fourth year German class is being offered for the student who wishes to continue his/her study of German, but does not choose to take Advanced Placement German. The student will continue to expand his/her use of grammatical construction and to develop oral proficiency. Literature from the German speaking countries will be the basis of this course. Curriculum will be the honors curriculum approved by the state.			

<b>1112</b>	<b>LATIN I</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: none</b>			
This course concentrates on skills necessary for reading Latin with strong emphasis on grammar and vocabulary, with intensive derivative study and secondary emphasis on oral and aural skills. Included is introduction to mythology, Roman history/culture.			
<b>2112</b>	<b>LATIN II</b>	<b>1</b>	<b>10-12</b>
<b>Prerequisite: Latin I</b>			
The second year features the review and continuation of Latin grammar, vocabulary and derivatives. Students increase their ability in reading comprehension as they read both adapted Latin and selections from such Roman authors as Martial, Pliny, and Phaedrus. Varied aspects of mythology, Roman history and culture are also presented.			
<b>3111</b>	<b>LATIN 3 PRE-ADVANCED PLACEMENT</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: Latin II with 80 average</b>			
This third year course completes a study of basic Latin Grammar while continuing to increase the student's Latin and English vocabulary. The second semester allows students to choose from a broad selection of Latin authors to read unadapted Latin, developing skill in critical analysis and poetry interpretation as they seek to learn from the past how to better live in the present.			
<b>4110</b>	<b>LATIN 4 ADVANCED PLACEMENT</b>	<b>1</b>	<b>11-12</b>
<b>Prerequisite: Latin II with 80 average</b>			
During alternating years this course focuses on the Aeneid, Vergil's Roman epic, or the poets Catullus and Ovid. The curriculum emphasizes skills in reading comprehension, poetry interpretation and critical analysis. Students continue to expand English and Latin vocabulary and to develop expertise in their own areas of classical interest. The course prepares students for the Advanced Placement Exam to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit			
<b>1082</b>	<b>SPANISH I</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: None</b>			
This course focuses on the communicative skills of listening, speaking, reading and writing. Students will learn vocabulary and grammar structures to give students tools for communication. An introduction to cultures of various Spanish speaking countries is integrated into the curriculum. Students become aware of the influence of Spanish on the English language and compare their own culture and language with those of the Spanish speaking countries studied.			
<b>1282</b>	<b>SPANISH II S – Spanish for Native Speakers</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: Spanish I is not required. Interview with Spanish teacher and teacher recommendation.</b>			
This course is designed for those students who can already speak Spanish fluently but need to expand their skills in reading and writing the Spanish language. The student will be prepared to communicate effectively in a wide variety of social and professional environments where Spanish is the primary means of communication. Successful students may advance to Spanish III Pre Advanced Placement.			
<b>1382</b>	<b>SPANISH II</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: Spanish I, recommend a minimum of a 75 overall average in Spanish I</b>			
Students will expand communicative skills introduced in level I while continuing to develop vocabulary and learn more complex grammar structures. There is a continued oral approach with emphasis on pronunciation and listening skills. Students will continue learning about other cultures in context. Students will compare cultures and languages, and will use Spanish skills to make connections to other disciplines.			
<b>1381</b>	<b>SPANISH II PRE-ADVANCED PLACEMENT</b>	<b>1</b>	<b>9-12</b>
<b>Prerequisite: Spanish I, minimum of a 90 overall average in Spanish I</b>			
A pre advanced placement course which prepares students for advanced language acquisition beyond the second year of instruction. Students will expand communicative skills introduced in level I while continuing to develop advanced vocabulary and learn more complex grammar structures. There is a continued oral approach with emphasis on pronunciation and listening skills. Students will continue learning about other cultures in context. Students will compare cultures and languages, and will use Spanish skills to make connections to other disciplines.			

**2081 SPANISH III PRE-ADVANCED PLACEMENT 1 10-12**

**Prerequisite: Spanish II with 80 average**

The third year of Spanish is a pre advanced placement course which reviews basic vocabulary and grammar from the first two years and adds advanced vocabulary and grammar concepts. The communicative skills of speaking, listening, reading and writing will continue to be emphasized and refined in order to increase the student's proficiency in the language. Cultures will be studied in context. Students will compare languages and cultures and will continue to make connections with other disciplines.

**3090 TEXAS ADVANCED PLACEMENT SPANISH LANGUAGE FOR NATIVE SPEAKERS I 1 9-12**

**Prerequisite: Native Spanish Speakers or Limited English Proficient students, success at the Pre-AP level of Spanish, a placement test, and successful mastery of grade level TAKS. Required informational meeting with parents/guardians.**

The course covers the equivalent of a third year college course in Spanish composition and conversation. It encompasses speaking and listening skills, grammar and writing. The emphasis for the Native Speaker class will be perfecting of writing in both format and synthesis. This course will prepare those students who choose to do so to take the College Board Advanced Placement Examination in Spanish Language to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit. Upon successful completion of the course, the student will also receive high school credit for Spanish 1, 2, 3, and 4.

**3080 ADVANCED SPANISH I ADVANCED PLACEMENT (Language) 1 11-12**

**Prerequisite: Spanish III Pre-AP and teacher recommendation**

The course covers the equivalent of a third year college course in Spanish composition and conversation. It encompasses speaking and listening skills, grammar and writing. The emphasis is on using Spanish for active communication. Students use college level texts and authentic reading materials including literature and periodicals. This course will prepare those students who choose to do so to take the College Board Advanced Placement Examination in Spanish Language to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit

**4080 ADVANCED SPANISH II ADVANCED PLACEMENT (Literature) 1 11-12**

**Prerequisite: Advanced Spanish 1 AP and teacher recommendation**

The fifth year of Spanish follows the College Board guidelines for the AP Spanish Literature program and prepares students to take the Advanced Placement Examination in Literature to be given in May at a cost to the student which may enable the student to obtain advanced placement and /or college credit. This course encompasses authors from all periods of Spanish literature, both in Spain and Latin America. Students will analyze the form and content of literary works, both orally and in writing, using appropriate terminology.

**3190 TEXAS ADVANCED PLACEMENT SPANISH LITERATURE FOR NATIVE SPEAKERS II**

**4190 TEXAS ADVANCED PLACEMENT SPANISH LITERATURE FOR NATIVE SPEAKERS III**

**2 (1 State & 1 Local) 9-12**

**Prerequisite: Native Spanish Speakers or Limited English Proficient students, success at the Pre-AP level of Spanish, a placement test, and successful mastery of grade level TAKS. Teacher recommendation.**

The two year Native Speaker course encompasses authors from all periods of Spanish literature, both in Spain and Latin America. Students will read Hispanic literary texts in all genres and analyze the form and content of literary works, both orally and in writing, using appropriate terminology. This course will prepare those students who choose to do so to take the College Board Advanced Placement Examination in Spanish Literature to be given in May of the second year of the course at a cost to the student which may enable the student to obtain advanced placement and /or college credit.

**2942 AMERICAN SIGN LANGUAGE – LEVEL ONE 1 10-12**

**Prerequisite: None**

Using age-appropriate activities, students develop the ability to perform the tasks of the novice language learner. The student will be able to understand short-signed phrases; produce learned signs, phrases, and sentences; detect main ideas in familiar material that is signed; be able to transcribe ASL into English

**3592 AMERICAN SIGN LANGUAGE – LEVEL TWO 1 11-12**

**Prerequisite: American Sign Language-Level One**

This course reviews American Sign Language vocabulary and grammar essentials presented in ASL I. Focus is placed on building signing vocabulary, use of signing space, use of non-manual components, and finger spelling. A broader understanding and appreciation of the hearing-impaired perspective and of hearing –impaired history and culture are also essential goals of the course.

**4592 AMERICAN SIGN LANGUAGE – LEVEL THREE 1 11-12**

**Prerequisite: American Sign Language-Level Two**

This course reviews and strengthens communication competencies acquired in ASL II. Receptive and expressive skills are further developed through expanded vocabulary and grammar. Cultural topics are included.

## PHYSICAL EDUCATION / ATHLETICS / HEALTH

One and one-half credits in Physical Education or an equivalency course are required for graduation. One-half credit in Health is required for graduation. Two and three hour block Career & Technology work based courses will also substitute for PE. Confirm with your counselor about the number of required Physical Education credits that a Career & Technology course will satisfy.

Any Physical Education course taken after the first 2 credits will be counted as local credit.

\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\*

**The last digit of the course # indicates the course level for ranking point purposes**

0=Advanced Placement    1=Pre Advanced Placement/Honors 2=Academic    3=Regular

No.	Course	Credit	Grade
<b>1902</b>	<b>PHYSICAL EDUCATION IA - FOUNDATIONS OF PERSONAL FITNESS 9<sup>th</sup> Grade</b>		
	<b>First Semester</b>	<b>.5</b>	<b>9</b>
<b>2602</b>	<b>PHYSICAL EDUCATION IA - FOUNDATIONS OF PERSONAL FITNESS</b>		
	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>

**Prerequisite: None**

This coed one semester course will provide students with the opportunity to analyze the components of physical fitness. Students will develop an understanding of the relationship between physical fitness activities, stress, sound nutritional practices, consumer issues, and health problems. Students will be provided with the opportunity to design a personal fitness program to help improve or maintain an acceptable level of health -related fitness. Suiting out in the regulation gym suit and daily participation is imperative. **Students may take this course for only one semester.**

**1922 AEROBICS 9<sup>th</sup> Grade Second Semester .5 9**

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

This coed one semester course will provide students with the opportunity to improve skills necessary for successful participation in physical activities. Instruction will include knowledge, skills, and rules basic to proficient participation in physical recreation activities and individual, dual, or team sports. Suiting out in the regulation gym suit and daily participation is imperative.

**Students may take this course for only one semester.**

**1932 AEROBICS First Semester .5 10-12**

**1942 AEROBICS Second Semester .5 10-12**

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

This coed one semester course will provide students with the opportunity to improve skills necessary for successful participation in physical activities. Instruction will include knowledge, skills, and rules basic to proficient participation in physical recreation activities and individual, dual, or team sports. Suiting out in the regulation gym suit and daily participation is imperative.

**1952 TEAM SPORTS First Semester .5 10-12**

**1962 TEAM SPORTS Second Semester .5 10-12**

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

The coed course extends and reinforces the development of skill and knowledge in the following team sports: volleyball, basketball, hockey, soccer, and softball. Physical fitness activities are included on a daily basis. Suiting out in the regulation gym suit and daily participation is imperative.

<b>2642</b>	<b>INDIVIDUAL SPORTS</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>
<b>2652</b>	<b>INDIVIDUAL SPORTS</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

The coed course broadens the appreciation of lifetime sports and develops the skills involved in specific lifetime activities. These activities include: tennis, badminton and table tennis. Suiting out in the regulation gym suit and daily participation is imperative.

<b>2662</b>	<b>PHYSICAL DEVELOPMENT</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>
<b>2672</b>	<b>PHYSICAL DEVELOPMENT</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

The coed course includes a variety of activities including: weight training, stretching, exercises, aerobic training, diet and nutrition, muscle and flexibility measurement, and muscle anatomy. The program is based on the needs and goals of the individual student. Suiting out in the regulation gym suit and daily participation is imperative.

<b>1622</b>	<b>JUNIOR VARSITY CHEERLEADERS</b>	<b>First Semester</b>	<b>.5</b>	<b>9-10</b>
<b>1632</b>	<b>JUNIOR VARSITY CHEERLEADERS</b>	<b>Second Semester</b>	<b>.5 (Local)</b>	<b>9-10</b>
<b>1642</b>	<b>VARSITY CHEERLEADERS</b>	<b>First Semester</b>	<b>.5</b>	<b>11-12</b>
<b>1652</b>	<b>VARSITY CHEERLEADERS</b>	<b>Second Semester</b>	<b>.5 (Local)</b>	<b>11-12</b>

**Prerequisite: Tryout in the spring, required fees and expenses once selected to squad.**

Cheerleading is a program designed for students to represent their class as yell leaders for sports activities and athletic events during the school year. Cheerleaders are assigned one block every other day for practicing yells and planning pep rallies and spirit related activities. The fall semester of cheerleading counts as PE credit; the spring semester counts as LOCAL credit. Each cheerleader is required to exhibit ability and leadership qualities in all phases of school activities, as well as maintain an overall 80-grade average. Selection to cheerleader positions is conducted each spring.

<b>1682</b>	<b>FRESHMAN DRILL TEAM</b>	<b>First Semester</b>	<b>.5</b>	<b>9</b>
<b>1692</b>	<b>FRESHMAN DRILL TEAM</b>	<b>Second Semester</b>	<b>.5</b>	<b>9</b>

**Prerequisite: Successful completion of a 3 day Registration Workshop during the summer**

Participation in drill team is considered an extra curricular activity requiring dancing skills and physical endurance. This course includes time beyond the one period of class. Students will perform at athletic events as well as other school-related events. This drill team is open to interested girls in the 9<sup>th</sup> grade. Tryouts are not required. A course fee will be required prior to enrollment. This course will count as a PE equivalent.

<b>2192</b>	<b>DRILL TEAM (High Hats)</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>
<b>2392</b>	<b>DRILL TEAM (High Hats)</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>

**Selection by impartial judges**

Participation in drill team is considered an extracurricular activity and demands not only marching and dancing skills but also much time beyond the 90 minute class period. Drill team activities are varied throughout the year and include performances at football halftimes as well as performing at all competitive events with the DHS Marching Band. (The High Hats are actually considered a “color guard” during marching season.) During the winter & spring, performances include basketball halftimes, parades, competitive events, and an elaborate Spring Show. Tryouts are held during the spring and are open to any freshman, sophomore, or junior girl who wishes to be in the drill team the following school year. Approximately six weeks of practice during summer vacation is required for drill team. If selected, there is a substantial fee involved which includes payment for mandatory summer camps, uniforms and uniform accessories, practice attire, footwear, and general supplies.

<b>2502</b>	<b>DANCE I (PE)</b>	<b>First Semester</b>	<b>.5</b>	<b>10-12</b>
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**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

This course provides the student with a beginning approach to basic/intermediate dance movements, rhythm, floor exercise and choreography.

<b>2532</b>	<b>DANCE II</b>	<b>Second Semester</b>	<b>.5</b>	<b>10-12</b>
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**Prerequisite: Dance I - 2502**

The course will provide the student with intermediate skills and knowledge of dance as an art form and lifetime activity. The student shall develop kinesthetic awareness and movement memory, as well as creative expression through movement. Dance II shall also develop self-confidence through the use of dance by providing informal performances during class. This class shall be structured for those students who are particularly interested in advancing to Dance III/Drill Team.

2842	SWIMMING (PE)	First Semester	.5	10-12
2852	SWIMMING (PE)	Second Semester	.5	10-12

**Prerequisite: Physical Education IA - Foundations of Personal Fitness**

The course is divided into three major segments: water safety, stroke skills, and water sports. Water safety extends to survival and rescue skills. Stroke skills include: American crawl, backstroke, breaststroke, and sidestroke. Water sports include water polo and volleyball. Students must provide their own swimsuits and towels.

**PE SUBSTITUTES**

The fall semester of the following courses can substitute for one half credit of PE:

Marching Band    Drill Team    Cheerleading    Athletic Training

Two and three hour block Career & Technology work based courses will also substitute for PE. Confirm with your counselor about the number of required Physical Education credits that a Career & Technology course will satisfy.

<b>ATHLETICS</b>
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**Must have coach's approval prior to enrolling in an athletic course.**

**Athletic courses are full year unless noted otherwise.**

- **Students enrolled in an extracurricular athletic program are required to have a physical health examination prior to tryouts and participation.**
- **Student athletes must adhere to all Athletic Department and University Interscholastic League rules and regulations.**

Course Name	Course Number
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**Football**

Seniors (Junior Varsity & Varsity)	4962
Juniors (Junior Varsity & Varsity)	3962
Sophomores (Junior Varsity & Varsity)	2932
Freshmen (Junior Varsity & Varsity)	1772

**Baseball**

Boys (Junior Varsity & Varsity)	1402
Freshmen Boys	1702

**Softball**

Girls (Junior Varsity & Varsity)	1422
Freshmen	1712

**Basketball**

Girls (Junior Varsity & Varsity)	1442
Freshmen Girls	1732
Boys (Junior Varsity & Varsity)	1452
Freshmen Boys	1742

**Soccer**

Girls (Junior Varsity & Varsity)	1502
Freshmen Girls	1782
Boys (Junior Varsity & Varsity)	1522
Freshmen Boys	1792

**Tennis**

Coed (Junior Varsity & Varsity)	1482
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**Track**

Girls (Junior Varsity & Varsity)	1462
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Freshmen Girls	1752
Boys (Sem.2) (Junior Varsity & Varsity)	1432
Freshmen Boys (Sem.2)	1722

**Cross-Country**

Girls (Junior Varsity & Varsity)	1562
Boys (Junior Varsity & Varsity)	1532

**Golf**

Coed (Junior Varsity & Varsity)	1512
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**Volleyball**

Girls (Junior Varsity & Varsity)	1472
Freshmen Girls	1762

**Swimming**

Coed (Junior Varsity & Varsity)	1592
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**HEALTH EDUCATION**

One-half credit in Health is required for graduation.

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

The last digit of the course # indicates the course level for ranking point purposes

0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

No.	Course	Either Semester	Credit	Grade
1322	HEALTH	Either Semester	.5	9-12

**Prerequisite: None, Required for graduation**

Health Education involves the learning of physical, mental, and social health that will enable the student to live a longer and healthier life. Areas such as drug and tobacco use, body systems, diseases including STD's and AIDS, physical and mental fitness, environmental pollution, and first aid are among the major areas covered. This course should be taken at the 9th grade level, unless you are enrolled in an athletic or band course. Course will coordinate with Freshman Connections course.

<b>2592</b>	<b>PRACTICAL ATHLETIC TRAINING</b>	<b>1</b>	<b>9-12</b>
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**Prerequisite: Approval of Head Athletic Trainer**

A course designed for students desiring to obtain practical experience in athletic training. The student will participate in the application of various protective tapings, dressings, and rehabilitation programs for the interscholastic athletic teams of Duncanville High School. Other suggested outside work will be in student trainer clinics, first aid classes, and CPR. The student will be required to attend practices and competitions of those athletic teams to which they are assigned. This course will count as a PE equivalent.

**SPECIAL EDUCATION**

Special Education is the provision of services additional to, supplementary with, or different from those provided in the general school program. Course offerings are designed for the physically handicapped, mentally retarded, emotionally disturbed, and/or learning disabled student. Professional personnel, parents, or students may make referrals for Special Education. The appraisal staff directs each referral. If a student meets eligibility criteria, the Admission, Review, Dismissal (ARD) Committee determines appropriate instructional placement.

**\*\*\*COURSE NUMBERS AND COURSE DESCRIPTIONS ARE NOT LISTED IN THIS CATALOG FOR SPECIAL EDUCATION COURSES. ALL ASSIGNMENTS TO SPECIAL EDUCATION COURSES WILL BE MADE BY ARD (ADMISSION, REVIEW, DISMISSAL) COMMITTEE AND SPECIAL EDUCATION PERSONNEL**

**CONTENT MASTERY**

The Content Mastery program is designed to enable the student with learning difficulties to be successful in the regular education program. The student receives basic instruction in regular classes and may utilize the Content Mastery during guided practice and individual study periods. Assistance includes one-on-one or small group instruction, taped and highlighted textbooks, and study guides, as well as other appropriate modifications. The ARD Committee assigns students for Content Mastery assistance. Placement is in the designated regular education academic class.

## FUNCTIONAL AND STRUCTURED ACADEMIC PROGRAM

The FUNCTIONAL AND STRUCTURED ACADEMIC PROGRAM is designed to enable students with limited ability to be successful in being functionally independent when dealing with school, community and home. Placement by ARD committee. Individual Education Plan (IEP) based on subject TEKS will be developed in ARD meeting.

### FUNCTIONAL AND STRUCTURED ACADEMIC DOMAIN

Functional & Pre-academic – **Math:** money, time, measurement, basic math operations, consumer applications; **English:** expressive communication, reading recognition, reading; **Science; Social Studies; Health; Speech; Social Skills; Technology:** functional computer skills.

### VOCATIONAL DOMAIN

Work habits, occupational skills training, pre-employment training, employment behaviors, pre-employment planning, vocational job site supervised training. (Students must be 16 years of age to work on an off-campus job site.) Personal care, meal preparations, housekeeping, health and safety, homemaking, and family dynamics. Social recreation, social skills, social development, communication.

## RESOURCE CLASSES

**Prerequisite:** Placement by ARD committee. IEP based on subject TEKS will be developed in ARD meeting.

Course	Credit	Grade
VAC CO-OP	2	11-12
VAC JOB TRAINING 1& 2	1	11-12
ENGLISH 1 - 4 RESOURCE	1	9-12
ALGEBRA 1 RESOURCE	1	9-12
GEOMETRY RESOURCE	1	10-12
MATH MODELS APPLICATIONS RESOURCE	1	11-12
ALGEBRA II RESOURCE	1	12

## INCLUSION CLASSES

Academic inclusion courses are offered for those students who meet eligibility as determined by a student's ARD committee. Special education inclusion courses are taught in a mainstream academic setting with instructional support from Special Education personnel. ENGLISH LANGUAGE ARTS, MATHEMATICS, SOCIAL STUDIES, SCIENCES.

## STATE ELECTIVE CREDITS

The last digit of the course # indicates the course level for ranking point purposes

0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular

No.	Course	Credit	Grade
3022	STUDENT COUNCIL LEADERSHIP	1	11-12

**Prerequisite:** For students who are elected and/or appointed to serve in student government and approval of student council advisor.

This course is designed to reinforce various aspects of leadership. It is required for elected student council officers, and is recommended for committee chairs and class officers. Students taking this course should be highly motivated and self-disciplined. In addition to planning and completing numerous student council projects for the school and community, students

read and analyze leadership articles and books, and they perform several written projects involving leadership skills. Each student is required to keep a written journal of all activities in addition to their officer or committee responsibilities. Topics covered in the course include the structure of leadership, meeting and communication skills, team building, problem solving, goal setting, motivation, and community responsibility. Students are expected to participate in numerous activities outside the school day.

## LOCAL ELECTIVE CREDITS

The course descriptions for the following local courses can be found in their appropriate subject area in this catalog:

- |   |                              |
|---|------------------------------|
| Community Volunteer Service               | Cheerleading (2nd Semester)  |
| English As a Second Language I, II, & III | Leadership & Sports Medicine |
| Leadership & Motivation                   | Algebra 1 Lab                |
| Reading Lab                               | Math Lab                     |
| Science lab                               |                              |

**\*\*ALL COURSES MUST HAVE ADEQUATE ENROLLMENT, STAFF, AND FUNDS TO BE OFFERED\*\***

The following courses are offered as local credits. They do not count toward the state credits for graduation. Students receive credit that counts above those required by the state.

**The last digit of the course # indicates the course level for ranking point purposes**

**0=Advanced Placement    1=Pre Advanced Placement/Honors    2=Academic    3=Regular**

No.	Course	Credit	Grade
<b>STUDENTS MAY ENROLL IN ONLY ONE BLOCK EACH SEMESTER AS AN AIDE</b>			
<b>3352</b>	<b>LIBRARY AIDE</b>	<b>1 (Local)</b>	<b>11-12</b>

**Prerequisite: Counselor and/or librarian’s approval**

This course credit will require such tasks as alphabetizing, shelving returned books and AV software, checking assigned sections of the book collection for errors in shelving, upkeep (straightening) of assigned section of the book collection, helping process and display new magazines, greeting students and taking passes at the pass desk, delivering items to classrooms, helping students and teachers locate books and materials, and assisting students with online researching using the card catalog, Library databases and the internet.. Since student library aides become familiar with the arrangement of books and research materials, they are better prepared for high school library assignments and for college research.

<b>1223</b>	<b>OFFICE AIDE (Ninth Grade)</b>	<b>1 (Local)</b>	<b>9</b>
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**Prerequisite: Administrator's approval**

Student aides will be required to assist in filing, alphabetizing, running errands, typing, etc. They should be competent and trustworthy. Ninth grade students must submit an application for this position.

<b>3303</b>	<b>TEACHER/OFFICE AIDE</b>	<b>1 (Local)</b>	<b>11-12</b>
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**Prerequisite: Counselor and teacher approval. Teachers who approve a student will be assigned the student should a placement not be available with another teacher.**

The student will be scheduled with a teacher or an attendance office to assist in organization, word processing, filing, and other clerical duties. **Students may not receive more than one aide credit per year.**