

**GUIDANCE WITH FREEDOM**



**MONAHANS HIGH  
SCHOOL**

**2008-2009**

**MONAHANS HIGH SCHOOL  
809 S. BETTY AVENUE  
MONAHANS, TX 79756  
(432) 943 - 2519**

## **MONAHANS SENIOR HIGH SCHOOL**

Dear Students and Parents:

This Course Description Book has been prepared especially for you. It contains a complete listing of courses offered in grades 9 – 12 in the Monahans-Wickett-Pyote Independent School District and provides a brief description of the content of each course. It also includes specific requirements for graduation as well as unique learning opportunities offered by our District.

We extend a personal invitation to both students and parents to become actively involved in planning for the years you will spend in the secondary schools of MWP-ISD. The decisions you make during these years will have a profound effect on your future, and our guidance staff and faculty stands ready to assist you in every way possible to ensure choices that best suit your individual needs and interest. If you have questions regarding any information in this booklet, please contact the high school counselor. A personal conference among students, parents, and the counselor often proves quite helpful. The counselor is also available at the high school to explain how educational plans affect career choices.

As you begin to think about your schedule for next year, please consider carefully those courses that offer you the greatest opportunity for learning. You will gain the most from your educational experience by focusing on your personal needs and interest and by capitalizing on your unique talents. In the final analysis, your own initiative will largely determine your degree of success and the quality of education you have attained upon graduation. We feel that MHS offers programs to help you achieve any educational goal to which you may aspire. It is vitally important, therefore, that students and parents closely examine the contents of this guide and keep it at hand for future reference.

We urge you to take advantage of all the resources we provide to aid you in preparing for the future, and we wish each of you a successful and rewarding year.

Sincerely,

Mrs. Kellye Riley, Principal  
Monahans High School

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## GUIDANCE WITH FREEDOM

This book is to assist you in planning your courses at Monahans High School. Read each course description carefully and note the prerequisite required for each. Students must register for two semesters of work. Please check course selections and descriptions carefully. During preregistration, each student is given the opportunity to select his/her program of studies for the following year. Course offerings and class loads are planned on the basis of student requests. **A STUDENT SHOULD PLAN HIS/HER PROGRAM WISELY WITH THE UNDERSTANDING THAT NO CHANGES WILL BE MADE AFTER SCHOOL BEGINS IN AUGUST.**

All students must be enrolled in **EIGHT** classes.

### **SCHEDULE PROCEDURES**

1. Only necessary schedule changes will be made. Those changes considered necessary are:
  - a. need the course for graduation
  - b. failed a course
  - c. assigned a class previously taken
  - d. extra-curricular course changes as granted by sponsor/coach/director
2. No teacher changes will be made without a teacher request form **PRIOR** to the first day of school. A teacher request form can only be filled out by the parents. Parents must see the counselor for a teacher request form.
3. All English, math, science and social studies courses are sequential.

## TERMINOLOGY

**H** – Honors (Preparation for concurrent courses)

**UIL** – University Interscholastic League

**R** – Regular

**TAKS** – Texas Assessment of Knowledge and Skills – (State test required for Graduation)

**THEA** – Texas Higher Education Assessment

All students entering or enrolling in a Texas college or concurrent class must take the THEA Test and pass all three sections.

**LOCAL CREDIT** – Credit taken for enhancement. Local credits are not included in the state minimum requirements for graduation

**CONCURRENT ENROLLMENT** – Is a DUAL credit course taken for both high school and college credit. (Passing the THEA is required.)

## **GRADUATION REQUIREMENTS**

Students who enter high school prior to 2007-2008 must complete 24 credits, composed of state required and local credit, from one of the three graduation plans. Student who enter high school in 2007-2008 and after must complete 28 credits, comprised on both state required and local credit classes, from one of the three state graduation plans.

In addition to the credit requirements, students must pass the Texas Assessment of Knowledge and Skills Exit Level (TAKS) in English Language Arts, Mathematics, Social Studies and Science. This test will be given in the spring to eleventh grade students. Students who do not pass one or more portions of the examination at that time will have opportunities in the summer, fall, and spring of their twelfth grade years to re-take the sections not mastered.

Students who do not pass the state examination as seniors may continue to take it at times specified by the state in order to receive a diploma at a later time. Out-of-school students must pre-register for the exam.

## **GRADE CLASSIFICATION REQUIREMENTS FOR 2008-2009**

<b>Students Entering 9<sup>th</sup> Grade Prior to 2007-2008</b>		<b>Students Entering 9<sup>th</sup> Grade in 2007-2008 and After</b>	
Grade	Credits (minimum)	Grade	Credits (minimum)
10	5	10	6
11	10	11	13
12	17	12	20

## **ELIGIBILITY FOR PARTICIPATION IN COMMENCEMENT SERVICES**

To participate in the commencement exercise, a student must have successfully completed all required courses and earned the minimum credits as set up in the MHS graduation requirements. A student may be denied the privilege of participating in commencement exercises for disciplinary reasons. Failure to master any section of the Exit Level TAKS Test makes a student ineligible to participate in graduation exercises.

## **EARLY WITHDRAWALS**

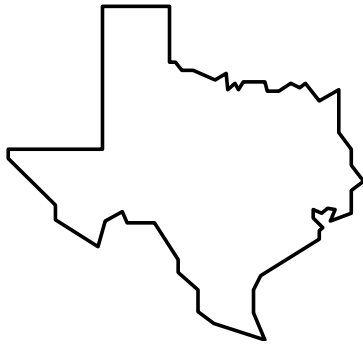
To receive full credit for the second semester, early withdrawals may not be made prior to one week before school ends. A student will be expected to take a semester exam.

## **EXPLANATION OF GRADING SYSTEM**

All courses have been placed on a weighted system and grade points will be assigned according to the level of the course. A cumulative grade point average (GPA) is determined by dividing the total number of grade points earned by the number of grades accumulated. GPA is used for ranking 11<sup>th</sup> and 12<sup>th</sup> grade students. Some courses are offered for local credit and will not be counted toward the credits for graduation.

## **CORRESPONDENCE/CREDIT-BY-EXAM**

Correspondence and credit-by exam are available. Students should see a counselor for more information.



## TEXAS Grant Program

### PROGRAM PURPOSE

The purpose of the program is to provide a grant of money to enable academically-prepared, eligible students to attend public and private nonprofit institutions of higher education in Texas.

Who can compete for an award? A student who:

- is a Texas resident
- graduated from a public or accredited private high school in Texas no earlier than fall 1998
- completed the **RECOMMENDED OR DISTINGUISHED** high school curriculum or its equivalent
- has financial need
- has applied for any available financial aid or assistance
- enrolls at least  $\frac{3}{4}$  time in an undergraduate degree certificate program
- has not been convicted of a felony or a crime involving a controlled substance

How much can a student receive through the program?

The award amount depends on the number of hours taken by the student and the type of institution the student attends. In general, it is an amount equal to the student's tuition and required fees.

Is this a one time award?

NO. Students who continue in college and who meet program academic standards can receive awards for up to 150 semester hours or for six years, whichever occurs first.

How do students apply?

Awards will be made by filling out the FAFSA (FREE APPLICATION FOR FEDERAL STUDENT AID). The Free Form can be picked up in the counselor's office at the high school or at the financial aid office of the college. Students and parents can also apply free over the internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Persons interested in the program should contact the high school counselors or the financial aid office at the college to find out about deadlines.

# Minimum Plan Sequence

## Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

### 24 CREDITS TO GRADUATE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>English – 4 credits</b>	English I	English II	English III	English IV Practical Writing
<b>Math – 3 credits</b>	Algebra I	Geometry	Math Models	
<b>Science- 2 credits</b>	Biology	IPC		
<b>Social Studies – 2 credits</b>	World Geography		World History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Academic Elective – 1 credit</b>		US History		
<b>Fine Arts – 0 credits</b>				
<b>Second Language – 0 credits</b>				
<b>Electives – 7-1/2 credits</b>				

# Recommended Plan Sequence

## Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

### 24 CREDITS TO GRADUATE

	<b>GRADE 9</b>	<b>GRADE 10</b>	<b>GRADE 11</b>	<b>GRADE 12</b>
<b>English – 4 credits</b>	English I English I - Honors	English II English II - Honors	English III English III – Concurrent	English IV Practical Writing English IV – Conc.
<b>Math – 3 credits</b>	Algebra I	Geometry Geometry - Honors	Algebra II Algebra II - Honors	Elective Conc. Classes**
<b>Science- 3 credits</b>	Biology Biology - Honors	Chemistry Chemistry - Honors	IPC Physics	
<b>Social Studies – 3 credits</b>	World Geography	World History	US History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Fine Arts – 1 credit</b>	Fine Arts Elective***			
<b>Second Language – 2 credits</b>		Spanish I	Spanish II	
<b>Electives – 3-1/2 credits</b>				

\*\*Math Concurrent Electives: Statistics, Trigonometry and Calculus A & B

\*\*\*Fine Art Electives: Band, Choir, Art and/or Theatre Arts

# Distinguished Achievement Plan Sequence

## Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

### 24 CREDITS TO GRADUATE

	<b>GRADE 9</b>	<b>GRADE 10</b>	<b>GRADE 11</b>	<b>GRADE 12</b>
<b>English – 4 credits</b>	English I English I - Honors	English II English II - Honors	English III English III – Concurrent	English IV Practical Writing English IV – Conc.
<b>Math – 3 credits</b>	Algebra I	Geometry Geometry - Honors	Algebra II Algebra II - Honors	Elective Conc. Classes**
<b>Science- 3 credits</b>	Biology Biology - Honors	Chemistry Chemistry - Honors	IPC Physics	
<b>Social Studies – 3 credits</b>	World Geography	World History	US History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Fine Arts – 1 credit</b>	Fine Arts Elective***			
<b>Second Language – 3 credits</b>		Spanish I	Spanish II	Spanish III
<b>Electives – 2-1/2 credits</b>				
<b>4 Advanced Measures</b>	English III Conc. English IV Conc.	Conc. Statistics Conc. Trig.	Conc. Calculus A/B Conc. US History	Conc. Computers Conc. Speech

\*\*Math Concurrent Electives: Statistics, Trigonometry and Calculus A & B

\*\*\*Fine Art Electives: Band, Choir, Art and/or Theatre Arts

**GRADUATION REQUIREMENTS  
AT A GLANCE  
Students Entering 9<sup>th</sup> Grade Prior to 2007-2008**

SUBJECT	Minimum	Recommended	Distinguished Achievement Program
English	4.0	4.0	4.0
Mathematics	3.0	3.0	3.0
Science	2.0	3.0	3.0
Social Studies	2.0	3.0	3.0
Government	0.5	0.5	0.5
Economics	0.5	0.5	0.5
Academic Elective	1.0		
Physical Education	1.5	1.5	1.5
Health	0.5	0.5	0.5
Other Languages		2.0	3.0
Fine Arts		1.0	1.0
Speech	0.5	0.5	0.5
Technology Applications	1.0	1.0	1.0
Electives	7.5	3.5	2.5
Total	24.0	24.0	24.0

# Minimum Plan Sequence

## Students Entering 9<sup>th</sup> Grade in 2007-2008 and After

### 28 CREDITS TO GRADUATE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>English – 4 credits</b>	English I	English II	English III	English IV Practical Writing
<b>Math – 3 credits</b>	Algebra I	Geometry	Math Models	
<b>Science- 2 credits</b>	Biology	IPC		
<b>Social Studies – 2 credits</b>	World Geography		World History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Academic Elective – 1 credit</b>		US History		
<b>Fine Arts – 0 credits</b>				
<b>Second Language – 0 credits</b>				
<b>Electives – 11-1/2 credits</b>				

## Recommended Plan Sequence

### Students Entering 9<sup>th</sup> Grade in 2007-2008 and After

#### 28 CREDITS TO GRADUATE

	<b>GRADE 9</b>	<b>GRADE 10</b>	<b>GRADE 11</b>	<b>GRADE 12</b>
<b>English – 4 credits</b>	English I English I - Honors	English II English II - Honors	English III English III – Concurrent	English IV Practical Writing English IV – Conc.
<b>Math – 4 credits</b>	Algebra I	Geometry Geometry - Honors	Algebra II Algebra II - Honors	Elective Conc. Courses**
	Algebra I	Geometry Geometry – Honors	Math Models	Algebra II Alg. II - Honors
*Algebra I from JH	Geometry Geom. - Honors	Algebra II Algebra II – Honors	Elective Conc. Courses**	Elective Conc. Courses**
<b>Science- 4 credits</b>	Biology Biology - Honors	Chemistry Chemistry - Honors	Physics Physics - Honors	Anatomy & Phys. Environ. Systems
	Biology Biology - Honors	Chemistry Chemistry - Honors	IPC	Physics Anatomy & Phys. Environ. Systems
<b>Social Studies – 3 credits</b>	World Geography	World History	US History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Fine Arts – 1 credit</b>	Fine Arts Elective***			
<b>Second Language – 2 credits</b>		Spanish I	Spanish II	
<b>Electives – 5-1/2 credits</b>				

\*\*Math Concurrent Electives: Statistics, Trigonometry and Calculus A & B

\*\*\*Fine Art Electives: Band, Choir, Art and/or Theatre Arts

# Distinguished Achievement Plan Sequence

Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

28 CREDITS TO GRADUATE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>English – 4 credits</b>	English I English I - Honors	English II English II - Honors	English III English III – Concurrent	English IV English IV – Conc.
<b>Math – 4 credits</b>	Algebra I	Geometry Geometry - Honors	Algebra II Algebra II - Honors	Elective Conc. Courses**
	Algebra I	Geometry Geometry – Honors	Math Models	Algebra II Alg. II - Honors
*Algebra I from JH	Geometry Geom. - Honors	Algebra II Algebra II – Honors	Elective Conc. Courses**	Elective Conc. Courses**
<b>Science- 4 credits</b>	Biology Biology - Honors	Chemistry Chemistry - Honors	Physics Physics - Honors	Anatomy & Phys. Environ. Systems
	Biology Biology - Honors	Chemistry Chemistry - Honors	IPC	Physics Anatomy & Phys. Environ. Systems
<b>Social Studies – 3 credits</b>	World Geography	World History	US History	
<b>Government – 1/2 credit</b>				Government
<b>Economics – 1/2 credit</b>				Economics
<b>Physical Education - 1-1/2 credits</b>	PE, Athletics or Marching Band	PE, Athletics or Marching Band		
<b>Health – 1/2 credit</b>	Health			
<b>Speech –1/2 credit</b>	Communication Applications			
<b>Technical Application - 1 credit</b>	BCIS			
<b>Fine Arts – 1 credit</b>	Fine Arts Elective***			
<b>Second Language – 2 credits</b>		Spanish I	Spanish II	Spanish III
<b>Electives – 4-1/2 credits</b>				
<b>4 Advanced Measures</b>	English III Conc. English IV Conc.	Conc. Statistics Conc. Trig.	Conc. Calculus A/B Conc. US History	Conc. Computers Conc. Speech

\*\*Math Concurrent Electives: Statistics, Trigonometry and Calculus A & B

\*\*\*Fine Art Electives: Band, Choir, Art and/or Theatre Arts

**GRADUATION REQUIREMENTS  
AT A GLANCE  
Students Entering 9<sup>th</sup> Grade in 2007-2008 and After**

SUBJECT	Minimum	Recommended	Distinguished Achievement Program
English	4.0	4.0	4.0
Mathematics	3.0	4.0	4.0
Science	2.0	4.0	4.0
Social Studies	2.0	3.0	3.0
Government	0.5	0.5	0.5
Economics	0.5	0.5	0.5
Academic Elective	1.0		
Physical Education	1.5	1.5	1.5
Health	0.5	0.5	0.5
Other Languages		2.0	3.0
Fine Arts		1.0	1.0
Speech	0.5	0.5	0.5
Technology Applications	1.0	1.0	1.0
Electives	11.5	5.5	4.5
Total	28.0	28.0	28.0

## **DISTINGUISHED ACHIEVEMENT PROGRAM**

The Distinguished Achievement Program standards for approval of requirements will be assessed through an external review process. Advanced measures focus on demonstrated student performances at the college or professional level.

Students **must** complete the graduation requirements listed **AND** receive any combination of **FOUR** advanced measures from concurrent/dual credit courses in English, math, government, economics, speech or technology.

Advanced measures include:

### **TEST DATA:**

- ❖ a score on the PSAT that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of the College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student.

### **COLLEGE COURSES:**

- ❖ a grade of 3.0 or higher on courses that count for college credit, including tech prep programs

## **CONCURRENT COURSES**

For the student who desires the most rigorous courses in the high school, concurrent enrollment courses are developed for English, social studies, mathematics, speech and technology. The course description section addresses the criteria for each course. The student accepted in any of these courses is expected to be highly motivated, have the highest grades in previous courses, and be willing to devote a great deal of study time to the course. These courses go far beyond the state minimum essential elements and are based on difficult instructional material, higher order thinking skills and demand a high level of performance both from the student and teacher. Concurrent enrollment courses are the most advanced academic courses offered by the District and require the student's greatest efforts in order to successfully complete the course.

Concurrent web-based courses offered on the Monahans High School campus through Odessa College have a tuition fee that must be paid directly to the university prior to the first day of class. Currently, the cost for a three-hour, web-based concurrent course is \$135.

## TECHNOLOGY CAREERS

### CAREER AND TECHNOLOGY EDUCATION

(Formerly Vocational Education)

The term “career and technology education” means organized educational programs offering a sequence of courses that is directly related to the preparation of individuals in employment requiring other than a baccalaureate or advanced degree. Such programs shall include an individual’s general knowledge, work attitudes, and general employability skills necessary for economic independence as a productive and contributing member of society.

### TECH PREP PROGRAM

Monahans High School has entered into agreements with Odessa College, Midland College, and Howard College that allows for college credit for high school career / technology courses. Specific high school courses are part of the agreement. These courses are designated in the course description part of this guide. Close coordination with the high school counselors is recommended. A four-year plan with a coherent sequence of courses must be established for each student pursuing this course of study.

## DRIVER EDUCATION COURSE

### DRIVER EDUCATION

**Course Number 8820**

.5 Local Credit

Grades 9-12

Prerequisite: Student must be 15 years old before the driving section of the course

This course includes extensive coverage of state and national standards for traffic safety. Students are taught the proper attitudes, behavior, and skills necessary for defensive driving.

There is a possibility that the program cannot accommodate every student meeting the age requirements and in those cases, the oldest students requesting the class are given priority. There is an enrollment fee of \$115.

Students may take the course **before** or **after** school during the school year.

## ENGLISH/LANGUAGE ARTS COURSES

### ENGLISH I

1 Credit

Grade 9

Course Number 1110

Prerequisite: None

This course offers skills in evaluating a variety of literature. Special emphasis is placed on the four stages of the writing process: prewriting, writing, revising, and editing. Students write various types of paragraphs and review sentence patterns.

### ENGLISH I Honors

1 Credit

Grade 9

Course Number 1111

Prerequisite: None

English I Pre-AP course is intended to prepare students to take the English III – Concurrent course. The rigorous course includes a broader scope of literature, more intense concentration on language skills, and an amplified awareness in all areas of communications. **Students will be required to read 2 paperback reading books. The student can check them out at the library at no cost or if they choose may purchase them for no more than \$30.00 for both books.**

### ENGLISH II

1 Credit

Grade 10

Course Number 1120

Prerequisite: English I

This course reviews problems in usage, agreement, sentence and paragraph construction. A central aim is effective organization of multi-paragraph essays.

### ENGLISH II Honors

1 Credit

Grade 10

Course Number 1121

Prerequisite: Eng. I

English II Pre-AP course is intended to prepare students to take the English III – Concurrent course. The rigorous course includes a broader scope of literature, more intense concentration on language skills, and an amplified awareness in all areas of communications. **Students will be required to read 2 paperback reading books. The student can check them out at the library at no cost or if they choose may purchase them for no more than \$30.00 for both books.**

### ENGLISH III

1 Credit

Grade 11

Course Number 1130

Prerequisite: English II

This course focuses on major American writers and the development of American thought from the Puritan period through the modern period. A research project promotes skill in organizing material from several sources and in using the library.





**BASIC ENGLISH III**

1 Credit

Grade 11

**Course Number 2130**Prerequisite: **IEP PLACEMENT ONLY**

Basic English III, based on the curriculum of the general education English III course, is modified to meet the individual learning requirements of the students. It focuses on integrated language arts study in language/writing, literature/reading, and speaking/listening. This course also includes the study of American dialects, language history and literature.

**BASIC ENGLISH IV**

1 Credit

Grade 12

**Course Number 2140**Prerequisite: **IEP PLACEMENT ONLY**

Basic English IV, based on the knowledge and skills of the general education English IV course, is modified in order to meet the needs of each student. Previous knowledge and skills are reinforced. An integrated language arts study focuses on language/writing, literature/reading, and speaking/listening. This course also includes the study of the development of the English language.

## ENGLISH / LANGUAGE ARTS ELECTIVES

The following courses are electives and do not count toward four English credits required for graduation.

### **JOURNALISM**

1 Credit

Grades 10-12

**Course Number 1620**

Prerequisite: None

This course is concerned with the development of basic skills in news writing, editorials, feature writing and headline writing. Students may receive instruction in radio and television production as well.

### **NEWSPAPER PRODUCTION I, II, III**

1 Credit

Grades 10-12

**Course Number 1640**

Prerequisite: Teacher Approval

Advanced Journalism: Newspaper Production I, II, III shall include the elements and process used in producing a school newspaper. Students will plan and paste up pages, select, crop, and scale photographs, and write effective cutlines and headlines, as well as edit and proofread copy, pages and entire issues. Admission to course is subject to teacher approval.

### **YEARBOOK MANAGEMENT**

1 Credit

Grades 11-12

**Course Number 1643**

Prerequisite: Teacher Approval

Students are responsible for publication of school annual. The course is designed to alphabetize lists, pictures, and other organizational techniques. General photography is taught. Some individual time, as well as class time, is required of students. Admission to course is subject to teacher approval.

### **UIL ACADEMICS ENGLISH**

1 Credit

Grades 9 – 12

**Course Number 1150**

Prerequisite: None

In this class, students will prepare for the following UIL Academic contests: Spelling and Vocabulary, Literary Criticism, and Ready Writing. Additionally, students will receive instruction and assessment in the UIL journalism contests of Feature Writing, Editorial Writing, Headline Writing and News Writing.

# SPEECH COURSES

*Communication Applications is required to fulfill the half credit of speech for graduation requirements.*

## **COMMUNICATION APPLICATIONS**

**Course Number 1510**

.5 Credit

Grades 9-12

Prerequisite: None

The student will be given opportunity to study speech as a process with self as the communicator. Participation in group discussions and the use of parliamentary procedure will enhance the student's understanding of the democratic group process. Students will learn how to effectively gather information as well as organize and deliver the various types of speeches. Speeches will be studied through the use of written and oral models.

## **UIL ACADEMICS DEBATE 1, 2, 3**

**Course Numbers 1520, 1530,  
1540**

.5-1 Credit

Grades 10-12

Prerequisite: None

Specific formats of debate will be studied with emphasis on Lincoln/Douglas, standard, and cross examination debate, as well as persuasive and informative speaking. The student will develop logical and critical thinking. Students will research and prepare material for debate by reading diverse sources. Opportunities will be provided through competitive tournament debating to use the accrued debate abilities.

## **CONCURRENT SPEECH**

**Course Number 6530**

.5 Credit

Grades 11 – 12

Prerequisite: Master THEA exam

This course introduces the oral communication process through study of interpersonal skills. The course applies practices of communication in dyadic and group environments. Variables of nonverbal communication, self esteem, listening techniques, presentational speaking and cultural diversities are examined. Instruction for the course will be web-based through mastered speech teachers at Odessa College. *The cost of the course will be \$135 paid directly to Odessa College.*

## **UIL ACADEMICS SPEECH**

**Course Number 1550**

1 Credit

Grades 9 – 12

Prerequisite: None

In this class, students will prepare for the following UIL Academic contests: Prose Interpretation and Poetry Interpretation. Students will be provided opportunities to practice these speaking skills at competitive contests during the fall and spring semesters.

## FINE ARTS COURSES

### ART I

1 Credit

Grades 9-12

**Course Number 5110**

Prerequisite: None

Art I is a one-year foundation course offering a wide appreciation, and application of the fundamental elements and principles common to all art structure. Studio activities include drawing, designing, planting, printmaking, and sculpturing. **A \$10.00 lab fee will be required.**

### ART II

1 Credit

Grades 10-12

**Course Number 5120**

Prerequisite: Art I

This course will include more in-depth study of Art I activities. **A \$10.00 lab fee will be required.**

### ART III

1 Credit

Grades 11-12

**Course Number 5130**

Prerequisite: Art II

This course stresses more advanced art techniques with each student encouraged to develop his/her own style. **A \$10.00 lab fee will be required.**

### ART IV

1 Credit

Grades 12

**Course Number 5140**

Prerequisite: Art III

This course is designed to allow for individual student exploration of the basic skills gained in Art I, II, and III. Students will also gain experience in the preparation of portfolios. **A \$10.00 lab fee will be required.**

### THEATER ARTS I

1 Credit

Grades 9-12

**Course Number 5610**

Prerequisite: None

Theater Arts I is a survey course designed for students who are interested in the theater. Students will learn the various techniques of acting including mime, character interpretation, body language, staging, makeup, and costuming. Students will also explore theater production concepts and skills.

### THEATER ARTS II

1 Credit

Grades 10-12

**Course Number 5620**

Prerequisite: Theater Arts I

This course is more in-depth study of advanced acting and technical techniques begun in Theater Arts I.

**THEATER ARTS III**

1 Credit

Grades 11-12

**Course Number 5630**

Prerequisite: Theater Arts II

This course is a continuation of basic skills and activities begun in Theater Arts I and II.

**THEATER ARTS IV**

1 Credit

Grade 12

**Course Number 5640**

Prerequisite: Theater Arts III

Student activities will include participation in production, development of directing and play writing techniques, and the exploration of career opportunities.

**BAND I, II, III, IV**

1 Credit

Grades 9-12

**Course Number 5210, 5220, 5230, 5240**

Prerequisite: Audition by Director

Bands I, II, III and IV are the performing groups for instrumental music students. Students are assigned to one of the two levels of performing groups by audition each school year.

**HONORS BAND:**

This group is designed to challenge those students who have achieved the highest musical standards and skills.

**SYMPHONIC BAND:**

This performing group is the instructional unit for the future membership in the Symphonic Band.

**MARCHING BAND:**

Fall semester of the band program may be substituted for PE credit with the Spring Semester of band receiving Fine Arts Credit.

**CHORAL MUSIC I, II, III, IV**

1 Credit

Grades 9-12

**Course Number 5310, 5320, 5330, 5340**

Prerequisite: Audition by Director

Choral Music I, II, III, and IV are the performing groups for vocal students. Vocal music students are assigned to the two levels of performing groups by audition each year.

**A CAPPELLA CHOIR**

1 Credit

Grades 9-12

**Course Number 5400**

Prerequisite: Audition by Choir Director

A Cappella choir is the most selective of all available choir course offerings. Considerable demands are placed upon each choir member with regards to TMEA Activities, Solo Festivals, UIL preparation and Contest, Multi-State Contest and Festivals, Civic concerts and other performance obligation. Attendance at out of school rehearsals and performances is required.

**ENSEMBLE (SPECIAL EDITION)**

1 Credit

Grades 11-12

**Course Number 5500**

Prerequisite: A Cappella membership and Audition by Director

Special Edition is a select ensemble taken from A Cappella choir. The ensemble performs a traditional, popular, and current pop music selection, usually with choreography.

# HEALTH COURSES

## **HEALTH**

.5 Credit

Grades 9-12

**Course Number 1710**

Prerequisite: None

The focus of this course is placed on the concept of wellness and the interrelationship involved in developing a healthy lifestyle. This course is designed to be student centered and application oriented so that long term health benefits may be precipitated.

## **BASIC HEALTH**

.5 Credit

Grades 9-12

**Course Number 2710**

Prerequisite: **IEP PLACEMENT ONLY**

Basic Health is a modified general education curriculum designed to address the individual learning or special needs students.

## **PERSONAL HEALTH/ HYGIENE I**

1 Credit

Grade 9

**Course Number 7610**

Prerequisite: **IEP PLACEMENT ONLY**

## **PERSONAL HEALTH/ HYGIENE II**

1 Credit

Grade 10

**Course Number 7620**

Prerequisite: **IEP PLACEMENT ONLY**

## **PERSONAL HEALTH/ HYGIENE III**

1 Credit

Grade 11

**Course Number 7630**

Prerequisite: **IEP PLACEMENT ONLY**

## **PERSONAL HEALTH/ HYGIENE IV**

1 Credit

Grade 12

**Course Number 7640**

Prerequisite: **IEP PLACEMENT ONLY**

The Personal Health/Hygiene course will relate individual health and hygiene practices to issues of wellness, disease prevention, interpersonal skill enhancement, and the obtainment and maintenance of employment.

# MATHEMATICS COURSES

## MATH SEQUENCE Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
	Algebra I	Geometry	Math Models	
	Algebra I	Geometry	Algebra II	Statistics / Trig
Algebra I	Geometry	Algebra II	Statistics / Trig	Calc. A / Calc. B

## MATH SEQUENCE Students Entering 9<sup>th</sup> Grade in 2007-2008 and After

8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
	Algebra I	Geometry	Math Models	Algebra II
	Algebra I	Geometry	Algebra II	Statistics / Trig
Algebra I	Geometry	Algebra II	Statistics / Trig	Calc. A / Calc. B

### ALGEBRA I

**Course Number 1210**

1 Credit

Grade 9

Prerequisite: None

Algebra I is a course intended for students of average to high ability in mathematics who wish to continue their studies in more advanced mathematics courses. Topics covered include the real number system, polynomials, solving open sentences, solving systems of equations, functions and their graphs.

### GEOMETRY

**Course Number 1230**

1 Credit

Grades 9 - 10

Prerequisite: Algebra I

In advanced mathematics, topics from algebra, geometry, trigonometry, discrete mathematics, and mathematical analysis are interwoven to form a full-integrated text. Word problems are developed throughout the problem sets and become progressively more elaborate. The graphing calculator is used to graph functions and perform data analysis.

### GEOMETRY Honors

**Course Number 1231**

1 Credit

Grades 9 - 10

Prerequisite: Grade of 80 or better in Algebra I

Geometry Honors is designed to prepare the serious student for Calculus. Topics will be covered in more depth with a minimum of review and drill work. Current technology such as calculators, graphing calculators, and computers will be integrated into the course.

**ALGEBRA II****Course Number 1220**

1 Credit

Grades 10 - 12

Prerequisite: Algebra 1 and Geometry

This course includes a more in depth study of the material covered in Algebra I. New topics include complex numbers, conic sections, logarithms, and matrices. This course is critical for students who wish to continue in higher mathematics.

**ALGEBRA II Honors****Course Number 1221**

1 Credit

Grades 9-10

Prerequisite: Grade of 80 or better in Algebra I and Geometry

Algebra II Honors is designed to prepare the serious student for Calculus. Topics will be covered in more depth with a minimum of review and drill work. Current Technology such as calculators, graphing calculators, and computers will be integrated into the course.

**MATH MODELS****Course Number 1240**

1 Credit

Grade 11

Prerequisite: Algebra I and Geometry

This is a practical course designed to give the student an understanding of business practices and transactional encountered in everyday living. Budgets, banking, insurance, taxation, installment buying, stocks, bonds, transportation, rents, payrolls, and home building are studied.

**UIL ACADEMICS MATH****Course Number 1250**

1 Credit

Grades 9 – 12

Prerequisite: None

Students in this class will prepare for the following UIL academic math contests: mathematics, calculator applications and number sense. Students will be provided the opportunity to practice their math skills through competitive contests during the spring and fall semester and compete in the District UIL Academics meet.

***Concurrent Math Courses:*****STATISTICS****Course Number 6234**

.5 Credit

Grades 11-12

Prerequisite: Grade of 80 or better in Geometry and Algebra II

This is a course for advanced math students. The course will include the concepts of set and statements, probability, linear and quadratic expressions, and polynomials. Instruction for the course will be web-based through mastered math teachers at Odessa College. ***The cost of the course will be \$135 paid directly to Odessa College.***

**TRIGONOMETRY****Course Number 6235**

.5 Credit

Grades 11-12

Prerequisite: Grade of 80 or better in Geometry and Algebra II

This is a course for advanced math students. The primary functions of sine, cosine, and tangent are studied in depth. Instruction for the course will be web-based through mastered math teachers at Odessa College. *The cost of the course will be \$135 paid directly to Odessa College.*

**CALCULUS A**

**Course Number 6244**

.5 Credit  
Grade 12  
Prerequisite: Trigonometry

The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. Instruction for the course will be web-based through mastered math teachers at Odessa College. *The cost of the course will be \$135 paid directly to Odessa College.*

**CALCULUS B**

**Course Number 6245**

.5 Credit  
Grade 12  
Prerequisite: Calculus A

The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. . Instruction for the course will be web-based through mastered math teachers at Odessa College. *The cost of the course will be \$135 paid directly to Odessa College.*

**BASIC APPLIED MATHEMATICS I**

**Course Number 2210**

1 Credit  
Grade 9  
Prerequisite: IEP PLACEMENT ONLY

**BASIC APPLIED MATHEMATICS II**

**Course Number 2220**

1 Credit  
Grade 10  
Prerequisite: IEP PLACEMENT ONLY

**BASIC APPLIED MATHEMATICS III**

**Course Number 2230**

1 Credit  
Grade 11  
Prerequisite: IEP PLACEMENT ONLY

**BASIC APPLIED MATHEMATICS IV**

**Course Number 2240**

1 Credit  
Grade 12  
Prerequisite: IEP PLACEMENT ONLY

These courses are designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in the use on money, personal financial situations and solving home and works problems by using the concepts of fundamental mathematics.

**APPLIED MATH A**

**Course Number 7210**

1 Credit  
Grade 9  
Prerequisite: IEP PLACEMENT ONLY

**APPLIED MATH B**

**Course Number 7220**

1 Credit  
Grade 10  
Prerequisite: IEP PLACEMENT ONLY

**APPLIED MATH C**

1 Credit

Grade 11

**Course Number 7230**

Prerequisite: **IEP PLACEMENT ONLY**

Basic Applied Math is a modified, general education curriculum designed to address the individual learning of special needs students. Students practice life skill math strategies within the context of simulations designed to reinforce the understanding of basic operations.

## FOREIGN LANGUAGE

Students enrolled in the **Recommended Graduation Plan** must complete **2 credits** in the same language. and students enrolled in the **Distinguished Achievement Program** must complete **3 credits** in the same language. The emphasis is on student ability to speak and understand another language. **It is recommended that students take foreign language classes consecutively.**

### **SPANISH I**

1 Credit

Grades 9 - 12

**Course Number 1910**

Prerequisite: None

This course offers a basic understanding of the Spanish language and the culture and geography of the Spanish-speaking world. Introduction to basic vocabulary and grammar will enable students to learn to discuss simple everyday topics such as family, school, numbers, time, sports, and clothing. Oral and written practices are stressed.

### **SPANISH II**

1 Credit

Grades 10 - 12

**Course Number 1920**

Prerequisite: Spanish I

This course continues the study of language skills, which are important for everyday life. The basic skills of reading, writing, speaking, listening, and understanding the culture is continued.

### **SPANISH III**

1 Credit

Grades 11-12

**Course Number 1930**

Prerequisite: Spanish I and Spanish II

This course emphasizes creative self-expression. Active conversation, reading for comprehension and creative original materials are stressed.

# PHYSICAL EDUCATION AND ATHLETICS COURSES

Students are required to have 1.5 credits of Physical Education or an approved substitute for graduation. An additional .5 credit may be taken as an elective and will count toward graduation requirements. Any physical education course or approved substitute taken beyond the 2 credits will be awarded as local credit only and will not count toward requirements for graduation.

## PHYSICAL EDUCATION

	<u>1<sup>st</sup> Semester</u>			<u>2<sup>nd</sup> Semester</u>		
	<u>Boy</u>	<u>Girl</u>		<u>Boy</u>	<u>Girl</u>	
	.5 Credit	9111		9112	Grade 9	
.5 Credit	9211	9212	Grade 10	9221 9222	.5 Credit	
.5 Credit	9311	9312	Grade 11	9321 9322	.5 Credit	
.5 Credit	9411	9412	Grade 12	9421 9422	.5 Credit	

Activities including softball, flag football, tumbling, run for fun, tennis, badminton, basketball, weight training, archery, soccer, volleyball, golf, team handball, bowling, recreational games, and the American Health and Fitness Foundation – Fit Youth Today – Physical Fitness Program.

The following courses substitute for physical education credit in any graduation plan.

## MARCHING BAND I, II, III, IV

(1<sup>st</sup> Semester Only)

	Course Numbers
.5 Credit	Grade 9 <b>5210</b>
.5 Credit	Grade 10 <b>5220</b>
.5 Credit	Grade 11 <b>5230</b>
.5 Credit	Grade 12 <b>5240</b>

## RECREATION / LEISURE I

1 Credit      Grade 9

Prerequisite: **IEP PLACEMENT ONLY**

**Course Number 7810**

## RECREATION / LEISURE II

1 Credit      Grade 10

Prerequisite: **IEP PLACEMENT ONLY**

**Course Number 7820**

## RECREATION / LEISURE III

1 Credit      Grade 11

Prerequisite: **IEP PLACEMENT ONLY**

**Course Number 7830**

## RECREATION / LEISURE IV

1 Credit      Grade 12

Prerequisite: **IEP PLACEMENT ONLY**

**Course Number 7840**

The Recreation / Leisure course will outline the benefits of planned home, school, and community activities that develop the entire person by recognizing a variety of individual interests, hobbies, and abilities.

## INTERSCHOLASTIC ATHLETICS

The following courses are competitive sports regulated by the Texas University Interscholastic League and also substitute for physical education in all graduation plans. ***TEAM SELECTION IS BY TRYOUTS AND COACHING STAFF APPROVAL.***

### **BASEBALL I, II, III\*, IV\***

			Course Numbers
I	½ Credit	Grade 9 (Freshman)	<b>4110</b>
II	½ Credit	Grade 10 (JV/Varsity)	<b>4120</b>
III*	½ Credit	Grade 11 (JV/Varsity)	<b>4130</b>
IV*	½ Credit	Grade 12 (JV/Varsity)	<b>4140</b>

### **BASKETBALL (BOYS) I, II, III\*, IV\***

			Course Numbers
I	1 Credit	Grade 9 ( Freshman )	<b>4211</b>
II	1 Credit	Grade 10 (FV / Varsity)	<b>4221</b>
III*	1 Credit	Grade 11 (JV / Varsity)	<b>4231</b>
IV*	1 Credit	Grade 12 (JV/ Varsity)	<b>4241</b>

### **BASKETBALL (GIRLS) I, II, III\*, IV\***

			Course Numbers
I	1 Credit	Grade 9 (Freshman)	<b>4212</b>
II	1 Credit	Grade 10 (JV/ Varsity)	<b>4222</b>
III*	1 Credit	Grade 11(JV/ Varsity)	<b>4232</b>
IV*	1 Credit	Grade 12(JV/ Varsity)	<b>4242</b>

### **FOOTBALL I, II, III\*, V\***

			Course Numbers
I	1 Credit	Grade 9(Freshman)	<b>4310</b>
II	1 Credit	Grade 10(JV/ Varsity)	<b>4320</b>
III*	1 Credit	Grade 11(JV/ Varsity)	<b>4330</b>
IV*	1 Credit	Grade 12(JV/ Varsity)	<b>4340</b>

### **GOLF (BOYS) I, II, III\*, IV\***

			Course Numbers
I	1 Credit	Grade 9 (Freshman)	<b>4411</b>
II	1 Credit	Grade10 (Varsity)	<b>4421</b>
III*	1 Credit	Grade 11 (Varsity)	<b>4431</b>
IV*	1 Credit	Grade 12 (Varsity)	<b>4441</b>

**GOLF (GIRLS) I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Numbers <b>4412</b>
II	1 Credit	Grade 10 (Varsity)	<b>4422</b>
III*	1 Credit	Grade 11 (Varsity)	<b>4432</b>
IV*	1 Credit	Grade 12 (Varsity)	<b>4442</b>

**SOFTBALL I, II, III\*, IV\***

I	½ Credit	Grade 9 (Freshman)	Course Numbers <b>4610</b>
II	½ Credit	Grade 10 (Varsity)	<b>4620</b>
III*	½ Credit	Grade 11 (Varsity)	<b>4630</b>
IV*	½ Credit	Grade 12 (Varsity)	<b>4640</b>

**SWIMMING I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Numbers <b>4810</b>
II	1 Credit	Grade 10 (Varsity)	<b>4820</b>
III*	1 Credit	Grade 11 (Varsity)	<b>4830</b>
IV*	1 Credit	Grade 12 (Varsity)	<b>4840</b>

**TENNIS I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Numbers <b>4510</b>
II	1 Credit	Grade 10 (Varsity)	<b>4520</b>
III*	1 Credit	Grade 11 (Varsity)	<b>4530</b>
IV*	1 Credit	Grade 12 (Varsity)	<b>4540</b>

**TRACK (BOYS) I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Numbers <b>4711</b>
II	1 Credit	Grade 10 (JV/ Varsity)	<b>4721</b>
III*	1 Credit	Grade 11 (JV/ Varsity)	<b>4731</b>
IV*	1 Credit	Grade 12 (JV/ Varsity)	<b>4741</b>

**TRACK (GIRLS) I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Numbers <b>4712</b>
II	1 Credit	Grade 10 (JV/ Varsity)	<b>4722</b>
III*	1 Credit	Grade 11 (JV/ Varsity)	<b>4732</b>
IV*	1 Credit	Grade 12 (JV/ Varsity)	<b>4742</b>

**VOLLEYBALL I, II, III\*, IV\***

I	1 Credit	Grade 9 (Freshman)	Course Number <b>4910</b>
II	1 Credit	Grade 10 (JV/ Varsity)	<b>4920</b>
III*	1 Credit	Grade 11 (JV/ Varsity)	<b>4930</b>
IV*	1 Credit	Grade 12 (JV/ Varsity)	<b>4940</b>

**\*Local credit; does not count toward graduation requirements.**

# SCIENCE COURSES

## SCIENCE SEQUENCE Students Entering 9<sup>th</sup> Grade Prior to 2007-2008

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
IPC	Biology	Chemistry	
Biology	Chemistry	Physics	Anatomy & Phys.

## SCIENCE SEQUENCE Students Entering 9<sup>th</sup> Grade in 2007-2008 and After

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Biology	Chemistry	Physics or AP	Environ. Systems
Biology	Chemistry	IPC	Physics, Environ. Systems or AP

### **INTEGRATED PHYSICS AND CHEMISTRY**

**Course Number 1410**

1 Credit

Grades 9 - 11

Prerequisite: None

This physical science course is laboratory oriented with application to everyday life. Laboratory safety procedures, measurements, and methods of science are stressed. Topics include the basic fundamentals of physics and chemistry.

### **BIOLOGY**

1 Credit

Grades 9 – 11

**Course Number 1420**

Prerequisite: None

This laboratory-oriented survey of living systems and their interrelationship include topics, which illustrate the progressive complexity of plants and animals. Laboratory skills and safety procedures continue to be stressed.

### **BIOLOGY Honors**

**Course Number 1421**

1 Credit

Grades 9 - 11

Prerequisite: Grade of 80 or better in

The Biology I Honors is designed to prepare a student to take Biology II –AP. Biology I Pre-AP is organized so that students should gain an understanding of the fundamentals of Biology. This course exceeds the traditional Biology course by the range and depth of topics covered.

**CHEMISTRY**

1 Credit

Grades 11-12

**Course Number 1430**

Prerequisite: Biology

This course is organized for students to gain an understanding of the fundamentals of chemistry. The student will develop competency in laboratory techniques and procedures.

**CHEMISTRY Honors**

1 Credit

Grades 10-12

**Course Number 1431**

Prerequisite: Algebra II and Biology

The Chemistry Honors is designed to prepare a student to take advanced college preparatory courses. Although the content of the course is similar to Chemistry, Chemistry Honors is more rigorous and demanding of the students.

**ENVIRONMENTAL SYSTEMS**

1 Credit

Grades 11-12

**Course Number 1443**

Prerequisite: Biology

Environmental Systems explores the many advanced principles and current aspects of biology. The topics investigated include the functioning of the cells and tissues of various organisms, genetics, bacteriology, animal anatomy and physiology, and animal behavior. A supervised individual investigation is required.

**PHYSICS**

1 Credit

Grades 11-12

**Course Number 1440**

Prerequisite: Algebra II

Hitting a tennis ball, driving a car, and wiring a stereo can all be better understood through laws of physics. Through laboratory experimentation and/or theory, the following topics are covered: motion, sound, light electricity, and modern nuclear physics.

**ANATOMY AND PHYSIOLOGY**

1 Credit

Grade 12

**Course Number 1453**

Prerequisite: Biology

Anatomy and Physiology are complimentary sciences. Anatomy is the study of structure of body parts and how these parts relate to one another. Physiology concerns how the parts of the body work and carry out their life-sustaining activities.

**UIL ACADEMICS SCIENCE**

1 Credit

Grades 9-12

**Course Number 1450**

Prerequisite: None

Students in this class will receive instruction and practice for the following UIL academic contests: science including biology, chemistry and physics. Students will be provided the opportunity to compete in invitational and district academic meets during the spring semester.

**BASIC INTEGRATED PHYSICS AND CHEMISTRY****Course Number 2420**

1 Credit

Grades 9-11

Prerequisite: **IEP PLACEMENT ONLY**

Basic integrated Physics and Chemistry is a modified, general education curriculum designed to address the individual learning of special needs students. Students use a variety of meaningful activities to incorporate science into practical applications, projects and experiences.

**BASIC BIOLOGY****Course Number 2410**

1 Credit

Grades 9-11

Prerequisite: **IEP PLACEMENT ONLY**

Basic Biology is modified, general education curriculum designed to address the individual learning of special needs students. Emphasis is on the understanding of biology as seen in current science events and real world application.

**APPLIED SCIENCE I****Course Number 7410**

1 Credit

Grades 9-11

Prerequisite: **IEP PLACEMENT ONLY****APPLIED SCIENCE II****Course Number 7420**

1 Credit

Grade 10-12

Prerequisite: **IEP PLACEMENT ONLY**

The applied Science course studies science based concepts related specifically to independent daily living and employment. Attention is given to relating science to home and job practices that foster the understanding of student's roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies.

## **SOCIAL SCIENCE COURSES**

### **WORLD GEOGRAPHY**

1 Credit  
Prerequisite: None

Grades 9-10

**Course Number 1310**

This course includes a study of the physical setting of the earth, the interaction of physical environments, and an analysis of urban centers. The course explores the impact of man's physical surroundings in

### **WORLD HISTORY**

1 Credit  
Prerequisite: None

Grades 10-11

**Course Number 1330**

This course includes a study of the history and development of a variety of world cultures, past and present. A study of contemporary world affairs is an essential part of the course. culture, culture, politics, and economics.

### **UNITED STATES HISTORY**

1 Credit  
Prerequisite: None

Grades 11-12

**Course Number 1320**

Content includes the study of significant people, issues, and events after the period of reconstruction. Emphasis is placed on present day issues that have their roots in the past.

### **UNITED STATES HISTORY CONCURRENT**

**Course Number 1321**

Concurrent History 1301 – US History up to 1877 (1<sup>st</sup> semester)  
Concurrent History 1302 – US History from 1877 (2<sup>nd</sup> semester)

1 Credit  
Grade 11  
Prerequisite: TAKS Mastery of 10<sup>th</sup> Grade Social Studies, master or have exempt status of THEA exam, and World History

US History – Concurrent is a college level US History course taught to high school students. This course exceeds the traditional US History course by including a college level study of major events in US History up to 1877 and after 1877. Instruction for the course will be web-based through mastered history teachers at Odessa College. *The cost of the course will be \$135 paid directly to Odessa College.*

### **GOVERNMENT**

.5 Credit  
Prerequisite: None

Grade 12

**Course Number 1345**

The major goal of this course is to make students aware of the American political process and to provide them with the necessary knowledge and skills to participate in the process as American citizens.

**ECONOMICS****Course Number 1344**

.5 Credit

Grade 12

Prerequisite: None

Economics is the study of the American free enterprise system and other comparative economic systems. This course is organized around unifying experiences in both microeconomics and macro economics.

**PSYCHOLOGY****Course Number 1334**

.5 Credit

Grades 11-12 (Fall Semester Only)

Prerequisite: None

This course is a study of human behavior. Topics include personality development, physiological and developmental factors in behavior, learning theories, and abnormal behavior.

**SOCIOLOGY****Course Number 1335**

.5 Credit

Grades 11-12 (Fall Semester Only)

Prerequisite: None

Sociology provides students with the opportunity to investigate their own social environment, basic institutions, and contemporary social problems. issues addresses range from contemporary social problems.

**UIL ACADEMICS SOCIAL STUDIES****Course Number 1350**

1 Credit

Grades 9 – 12

Prerequisite: None

Students will gain knowledge and practice the exams for the following UIL academic contests: Social Studies and Current Issues and Events. Students will be given the opportunity to compete in invitational and district academic meets during the spring semester.

**BASIC WORLD GEOGRAPHY****Course Number 2310**

1 Credit

Grade 9

Prerequisite: **IEP PLACEMENT ONLY**

Basic World Geography is a modified, general education curriculum designed to address the individual learning of special needs students. Activities are designed to assist students in recognizing how understanding events in world geography will influence our country and our people.

**BASIC WORLD HISTORY****Course Number 2330**

1 Credit

Grade 10

Prerequisite: **IEP PLACEMENT ONLY**

Basic World History is a modified, general education curriculum designed to address the individual learning of special needs students. Activities are designed to assist students in the study of the history and development of a variety of world cultures, past and present. A study of contemporary world affairs is an essential part of the course.

**BASIC UNITED STATES HISTORY****Course Number 2320**

1 Credit

Grade 11

Prerequisite: **IEP PLACEMENT ONLY**

Basic U.S. History is a modified, general education curriculum designed to address the individual learning of special needs students. This course emphasizes the social, cultural, economic and political developments of the United States of America from 1870 to present time.

**BASIC GOVERNMENT****Course Number 2345**

1 Credit

Grade 12

Prerequisite: **IEP PLACEMENT ONLY**

Basic U.S. Government is a modified, general education curriculum designed to address the individual learning of special needs students. This course examines the structure and function of the political and governmental systems of the United States and the citizen's role and responsibilities in each.

**BASIC ECONOMICS****Course Number 2344**

1 Credit

Grade 12

Prerequisite: **IEP PLACEMENT ONLY**

Basic Economics/Free Enterprise is a modified, general education curriculum designed to address the individual learning of special needs students. This course investigates the structure and function of the United States economic/free enterprise system as it relates to consumers and world economics.

**COMMUNITY CITIZENSHIP I****Course Number 7310**

1 Credit

Grades 9-10

Prerequisite: **IEP PLACEMENT ONLY****COMMUNITY CITIZENSHIP II****Course Number 7320**

1 Credit

Grade 9-10

Prerequisite: **IEP PLACEMENT ONLY****COMMUNITY CITIZENSHIP III****Course Number 7330**

1 Credit

Grades 11-12

Prerequisite: **IEP PLACEMENT ONLY**

Students will become familiar with the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community and/or organization.

# FAMILY AND CONSUMER SCIENCES EDUCATION

## **PERSONAL AND FAMILY DEVELOPMENT**

**Course Number 3910**

1 Credit

Grades 9 - 12

Prerequisite: None

This comprehensive laboratory course is designed to address nutrition and dietary practices; food selection and preparation; budgeting and consumer buying practices and management of family housing needs.

## **INDIVIDUAL AND FAMILY LIFE**

**Course Number 3935**

.5 Credit

Grades 9 -12

Prerequisite: None

**COHERENT SEQUENCE PLAN ESTABLISHED**

This course addresses personal identity, responsibilities of living as an independent adult, relationship development outside the family, and factors related to marital success.

## **PREPARATION FOR PARENTING**

**Course Number 3914**

.5 Credit

Grades 9 – 12 (Fall Semester Only)

Prerequisite: None

**COHERENT SEQUENCE PLAN ESTABLISHED**

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.

## **CHILD DEVELOPMENT**

**Course Number 3915**

.5 Credit

Grades 9 - 12 (Spring Semester Only)

Prerequisite: Parenting and Child Development

**COHERENT SEQUENCE PLAN ESTABLISHED**

Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs.

## **NUTRITION AND FOOD SCIENCE**

**Course Number 3954**

.5 Credit

Grades 9 - 12

Prerequisite: None

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.

**HOUSING**

.5 Credit  
Prerequisite: None

Grades 9 - 12

**Course Number 3924**

Content includes types of housing, legal and financial aspects of housing, home safety and maintenance, space utilization, factors affecting housing choices, technology applications, and basic housing construction features.

**INTERIOR DESIGN**

.5 Credit  
Prerequisite: Housing

Grades 9 - 12

**Course Number 3925**

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 and career preparation are emphasized.

**APPAREL**

.5 Credit  
Prerequisite: None

Grades 9 - 12

**Course Number 3945**

Topics include managing the apparel dollar, apparel repair and alteration, and wardrobe planning, care, and maintenance. Quality apparel construction is addressed as it relates to consumer decision-making and career preparation for the apparel industry.

**CERTIFIED NURSES AID**

.5 Credit  
Prerequisite: None

Grades 11-12

**Course Number 3964**

The course will address everything from patient bed mechanics to moving patients. Quality patient care is taught by a Registered Nurse. Students will have the opportunity to become certified by Odessa College through a certification test. Saturdays must be left available for clinicals.

***A FEE OF APPROXIMATELY \$85 IS REQUIRED AND IS PAYABLE TO ODESSA COLLEGE. THIS FEE IS SUBJECT TO INCREASE FOR THE UPCOMING SCHOOL YEAR.***

## OFFICE EDUCATION

### **BUSINESS COMPUTER INFORMATION SYSTEMS I**

**Course Number 3110**

1 Credit Grades 9-12

Prerequisite: None

**COHERENT SEQUENCE PLAN ESTABLISHED**

An occupationally specific course which introduces the basic concepts and skills for production of business documents and correspondence. Special emphasis is placed on automated management of business records, database management, and electronic spreadsheets. **A \$10.00 lab fee will be required.**

### **BUSINESS COMPUTER INFORMATION SYSTEMS II**

**Course Number 3120**

1 Credit Grade 11-12

Prerequisite: BCIS I

**COHERENT SEQUENCE PLAN ESTABLISHED**

Specific emphasis is placed on basic computer operations, information processing, applying the general capabilities of database management and demonstrating basic electronic spreadsheet concepts and other business application software. This course is designed for advanced occupational computer applications. **A \$10.00 lab fee will be required.**

### **DESKTOP PUBLISHING**

**Course Number 3220**

1 Credit Grades 10-12

Prerequisite: BCIS I

Students will acquire electronic information in a variety of formats and use appropriate computer-based productivity tools to create and modify solutions to give problems. Information will be shared by the student in hard copy, digital, and electronic form. Students will be required to evaluate both the product and the process of creation. **A \$10.00 lab fee will be required.**

### **CONCURRENT COMPUTERS**

**Course Number 6230**

.5 Credit Grades 11-12

Prerequisite: BCIS I

This course is designed as an entry-level college course. Students will be expected to demonstrate advanced computer skills and knowledge. This is an Odessa College concurrent computer class and a tuition fee will be charged and paid directly to the university.

### **WEB MASTERING**

**Course Number 3230**

1 Credit Grades 10-12

Prerequisite: BCIS I

Students will use a variety of strategies to acquire information from electronic resources and formats. They will research problems electronically, create electronic products, evaluate and revise. They will

communicate electronically and will evaluate both process and product. **A \$10.00 lab fee will be required.**

**DIGITAL GRAPHICS & ANIMATION**

**Course Number 3240**

1 Credit Grades 11-12  
Prerequisite: BCIS and Web Mastering I

By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create a solution, and evaluate the results. **A \$10.00 lab fee will be required.**

**UIL ACADEMICS COMPUTERS & ACCOUNTING**

**Course Number 3250**

1 Credit Grades 10 – 12  
Prerequisite: BCIS

Students will be provided opportunities to prepare for the following UIL academics contests: Computer Applications and Accounting. Students will compete in invitational and district academic meets during the spring semester.

**ACCOUNTING I & II**

**Course Number 3020, 3030**

1 Credit Grades 11-12  
Prerequisite: None  
**COHERENT SEQUENCE PLAN ESTABLISHED**

The course is designed to introduce students to the basic skills of planning and preparation of financial records. This course is for students who foresee a need to understand financial activities and plan a career in accounting or who plan to major in business.

**BASIC BCIS**

**Course Number 7910**

1 Credit Grades 9-12  
Prerequisite: **IEP PLACEMENT ONLY**

Basic BCIS is modified, general education curriculum designed to address the individual learning of special needs students. Basic concepts and skills are introduced for production of business documents and correspondence.

## TRADE AND INDUSTRIAL EDUCATION

### **INTRODUCTION TO TRANSPORTATION & CAREERS**

**Course Number 3810**

1 Credit

Grades 10-12

Prerequisite: None

This course provides students with the opportunity to learn about the wide array of energy sources and how these sources are controlled to produce usable power. Nuclear energy, fossil fuels, and alternative energy sources will be discussed. This course is recommended as a prerequisite to Auto Technology.

### **AUTOMOTIVE TECHNICIAN**

**Course Number 3820**

2 Credits (2 hours)

Grades 11-12

Prerequisite: None

**COHERENT SEQUENCE PLAN ESTABLISHED**

Pre-employment laboratory courses with job specific training for entry level employment in the automotive technician career field. Includes use of repair manuals, service and repair of basic components of an automobile: fuel systems, engine, emission control, power trains, chassis, electrical, brakes, heating and air conditioning.

### **WELDING**

**Course Number 3710**

1 Credit

Grades 10-12

Prerequisite: None

This metal working course focuses on the study of material processing including the techniques of transforming material through changing their characteristics, shape, size, and structure by casting, forming, separating, conditioning, assembling, and finishing techniques. The study of management includes planning, organizing, directing, and controlling personnel to design, engineer, produce, and market products.

### **METAL TRADES**

**Course Number 3720**

2 Credits (2 hours)

Grades 10-12

Prerequisite: Welding

A pre-employment laboratory course designed to provide job specific training for entry-level employment in metal trade's careers. Primary emphasis is on metal machining and welding skills.

### **TECHNICAL INTRODUCTION TO CRIMINAL JUSTICE**

**Course Number 3414**

.5 Credit

Grades 10-12

Prerequisite: None

A course designed as a study of the history and philosophy of criminal justice and its ethical considerations. Crime is defined. Its nature and impact are explored. Instruction includes an overview of the criminal justice system, law enforcement and the court systems, a study of prosecution and defense, trial processes, and correction and penal systems.

**FUNDAMENTALS OF CRIMINAL LAW**

.5 Credit

Grades 10-12

**Course Number 3415**

Prerequisite: None

A study of the nature of criminal law, its philosophical and historical development with major definitions and concepts. Instruction will include the classifications of crime with the elements of crimes and penalties using Texas Statutes as illustrations.

**OCCUPATIONAL INVESTIGATIONS I**

1 Credit

Grades 9 - 11

**Course Number 7410**Prerequisite: **IEP PLACEMENT ONLY****OCCUPATIONAL INVESTIGATIONS II**

1 Credit

Grades 10 - 12

**Course Number 7420**Prerequisite: **IEP PLACEMENT ONLY**

This Occupational Preparation course is modified for students who may need to meet the objectives of the general education vocational program with modifications offered through special education, or who need pre-employment training or skills in a significantly modified format. The course includes the development of concepts and skills needed in acquiring and maintaining a job. The occupational preparation skills of the individual student will determine the student's placement in this course and subsequent follow-up courses during the student's high school experience. These skills may contribute to the student's success in VAC.

**OCCUPATIONAL PREPARATION I**

1 Credit

Grades 9 - 11

**Course Number 7510**Prerequisite: **IEP PLACEMENT ONLY****OCCUPATIONAL PREPARATION II**

1 Credit

Grades 10 - 12

**Course Number 7520**Prerequisite: **IEP PLACEMENT ONLY**

The Occupational Preparation course prepares students to enter the job market through a study of employment issues including recognizing what skills define particular jobs, the application and interview processes, identifying barriers to employment, individual attributes that enhance employability, ways to locate available jobs, using community services/resources to aid employment, and maintaining a successful job experience. Students explore a variety of jobs and the activities that comprise the responsibilities and routines of employment.

**VOCATIONAL EXPERIENCE (VAC)**

1 Credit

Grades 10-12

**Course Number 2601**Prerequisite: **IEP PLACEMENT ONLY**

The vocational experience program is developed in order to assist students in making a smooth transition from academic pursuits to employment. Learning to apply personal skills through, successful employment will be enforced. Self-discipline, self-initiative, follows through and best efforts are skills applied in the process of a positive work experience. Credit for VAC to be determined by the ARD Committee.

## INDUSTRIAL TECHNOLOGY EDUCATION

### **COMPUTER APPLICATIONS**

**Course Number 3513**

1 Credit

Grades 9-12

Prerequisite: None

An exploratory course designed to explore the use of computers in the communication; construction; energy, power, and transportation; and manufacturing fields. Activities may include, but are not limited to, computer numerical control, programming computer-aided design and drafting; telecommunications; desktop publishing; 3-D design and animation; developing multimedia presentations; CNC programming; and microprocessor programming.

### **TECHNOLOGY SYSTEMS** (1<sup>st</sup> year Voc-Tech)

**Course Number 3510**

1 Credit

Grades 10-12

Prerequisites: None

A course designed to allow the students to create a systems model that can be used to describe manufacturing, construction, communication, energy, power, transportation, and bio-related technology activities. Activities include: the application of a universal systems model to technological activities; identifying the inputs, processes, outputs, and feedback associated with each of the technology systems; and the description of how technological systems interact to achieve common goals.

### **ENGINEERING GRAPHICS** (2<sup>nd</sup> year Voc-Tech)

**Course Number 3520**

1 Credit

Grades 11-12

Prerequisites: Tech Systems (Voc-Tech Lab 1)

A technical course in lettering, engineering geometry, multiview drawings, sectioning, pictorial representation, dimensioning, detail and assembly drawings, reproduction of drawings, and selection of equipment and supplies.

### **RESEARCH, DESIGN, AND DEVELOPMENT** (3<sup>rd</sup> year Voc-Tech)

**Course Number 3530**

1 Credit

Grades 11-12

Prerequisite: Tech Systems and Engineering Graphics.

A research activity course designed to provide an opportunity for research, design, and development activities in one or more of the technology systems of bio-related technology; communication; computer applications; construction / energy, power, and transportation; and manufacturing. Activities include research and pursuing new knowledge, data collection, real-world problem solving designing prototypes and working with models.

## BASIC ELECTIVES

### **ACTIVITIES OF DAILY LIVING I**

1 Credit

Grade 9

**Course Number 7110**

Prerequisite: IEP PLACEMENT ONLY

### **ACTIVITIES OF DAILY LIVING II**

1 Credit

Grade 10

**Course Number 7120**

Prerequisite: IEP PLACEMENT ONLY

### **ACTIVITIES OF DAILY LIVING III**

1 Credit

Grade 11

**Course Number 7130**

Prerequisite: IEP PLACEMENT ONLY

### **ACTIVITIES OF DAILY LIVING IV**

1 Credit

Grade 12

**Course Number 7140**

Prerequisite: IEP PLACEMENT ONLY

Developed to integrate the domestic, recreation, leisure and school community domains. Students investigate, through activity based sessions, a variety of activities associated with the daily living experience. Students will study areas of: cooking, safety, leisure, chores, duties, responsibilities, budget, time management, first aid, and communication. Personal safety and responsibility will be examined in response in taking care of one's self, others, and / or pets.

### **PERSONAL / SOCIAL SKILLS I, II, III, IV**

1 Credit

Grades 9-12

**Course Number 7710**

The personal/Social Skills course emphasizes interpersonal skill development as a prerequisite to meaningful employment. Particular attention is placed on the skills of greeting, responding to authority, interpersonal appropriateness, problem solving and conflict resolution within a situational context.

## LOCAL CREDIT

Local credit courses are not included in the state minimum (24 or 28 credits) requirements for graduation. Only 12<sup>th</sup> graders may be admitted to local credit courses. Admission to these courses is by teacher approval.

### **LIBRARY AIDE**

**Course Number 8440**

1 Credit

Grade 12

Prerequisite: Librarian approval

Students will assist teachers and students in finding information. They will process and shelf books and other materials. Library Aides will file, input data, and work with books, magazines, vertical files, and microfiche.

### **OFFICE AIDE (Only One May Be Selected)**

1 Credit

Grade 12

Prerequisite: Administrator approval

Counselor

**Course Number 8240**

Assistant Principal

**Course Number 8140**

Principal

**Course Number 8040**

Attendance

**Course Number 8340**

## COMPLIANCE STATEMENT AND NOTICE OF NONDISCRIMINATION

The Monahans-Wickett-Pyote Independent School district offers career and technology education programs in Industrial Technology Education, Trade and Industrial Education, Home Economics Education, and Office Education. Admission to these programs is based on grade level, attendance, interests, and career goals.

It is the policy of the Monahans-Wickett-Pyote ISD not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services, or activities as required by Title IX of the Education Amendments of 1972.

The Monahans-Wickett-Pyote ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator at 606 South Betty Avenue, Monahans, Texas, 70756, (432) 943-6711, and / or the Section 504 Coordinator at 606 South Betty Avenue, Monahans, Texas, 79756, (432) 943-6711.

