

**ECTOR COUNTY INDEPENDENT SCHOOL DISTRICT**  
**Odessa College and The University of Texas of the Permian Basin**  
**Dual Credit Courses**  
**Effective 2010-2011**

**ENGLISH**

*English III "D" Semester I 2327 PEIMS # 03220300	½ cr	ENGL 1301 Prerequisite 11 <sup>th</sup> grade classification	3 hrs	ENGL 1301 (Composition I) Prerequisite: 11 <sup>th</sup> grade classification	3 hrs
*English III "D" Semester II 2327 PEIMS # 03220300	½ cr	ENGL 1302 Prerequisite ENGL 1301 with a 70 or higher	3 hrs	ENGL 1302 (Composition II) Prerequisite: ENGL 1301	3 hrs
*English IV "D" Semester I 2337 PEIMS # 03220400	½ cr	ENGL 2322 Prerequisite ENGL 1302 with a 70 or higher	3 hrs	ENGL 2322 (British Literature to 1800) Prerequisite: ENGL 1302	3 hrs
*English IV "D" Semester II 2337 PEIMS # 03220400	½ cr	ENGL 2323 Prerequisite ENGL 1302 with a 70 or higher	3 hrs	ENGL 2323 (British Literature since 1800) Prerequisite: ENGL 1302	3 hrs

**FINE ARTS**

Art History III 4588 PEIMS # 03501700	½ cr	PHTC 1300, ARTS 1301, MUSI 1306 Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	3 hrs	ARTS History Survey I 1303 Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	3 hrs
Art History III 4588 PEIMS # 03501700	½ cr	ARTS 1304, 1303 Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	3 hrs	ARTS History Survey II 1304 Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	3 hrs
Arts II Draw 2574 PEIMS # 03500500	½ cr	ARTS 1316 Drawing I Prerequisite: Completion of entry level ECISD Art 1 (2 semesters)	3 hrs	ARTS 1316 Intro to Drawing Prerequisite: Completion of entry level ECISD Art 1 (2 semesters)	3 hrs
Arts III Draw 2580 PEIMS # 03501300	½ cr	ARTS 1317 Drawing II Prerequisite: Arts 1316	3 hrs	ARTS 1311 Two-Dimensional Design Prerequisite: Completion of entry level ECISD Art 1 and ECISD Art II	3 hrs

**FOREIGN LANGUAGE**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Spanish II Semester I 2436 PEIMS # 03440200	SPAN 1411 Prerequisite Spanish I 4 hrs	SPAN 1411 (A Beginning Course in Spanish) Prerequisite: Spanish I 4 hrs
Spanish II Semester II 2436 PEIMS # 03440200 II	SPAN 1412 Prerequisite Spanish II, Semester I with a 70 or higher or SPAN 1411 with a "C" or higher 4 hrs	SPAN 1412 (A Beginning Course in Spanish II) Prerequisite: SPAN 1411 with a "C" or higher or one year of high school Spanish 4 hrs
*Spanish III Semester I 2450 PEIMS # 03440300	SPAN 2311 Prerequisite Spanish II with a 70 or higher or SPAN 1412 with a "C" or higher 3 hrs	SPAN 2311 (A Second Year in Spanish) Prerequisite: SPAN 1411 and 1412, two years of high school Spanish with a "C" or higher, or the required score from the CLEP in Spanish. 4 hrs
*Spanish III Semester II 2450 PEIMS # 03440300	SPAN 2312 Prerequisite Spanish III, Semester I with a 70 or higher or SPAN 2311 with a "C" or higher 3 hrs	SPAN 2312 (A Second Year in Spanish II) Prerequisite: SPAN 2311, Semester 1 with a 70 or higher, or the required score from the CLEP in Spanish. 4 hrs

**MATHEMATICS**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Pre-Calculus "D" Semester I 2483 PEIMS# 03101100	MATH 1316 Prerequisite : Algebra II 3 hrs	MATH 1314 College Algebra Prerequisite: Algebra II 3 hrs
*Pre-Calculus "D" Semester II 2483 PEIMS # 03101100	MATH 2412 Prerequisite Algebra II 4 hrs	MATH 2412 (Pre-Calculus) Prerequisite: Algebra II, one year of high school geometry, and satisfactory score on placement examination or completion of MATH 0399. 4 hrs
*Independent Study in Mathematics "D" (Calculus) Semester I 2491 PEIMS # 03102500	MATH 2413 CALCULUS I Prerequisite : MATH 2412 or satisfactory score on placement examination 4 hrs	MATH 2413 CALCULUS I Prerequisite : MATH 2412 or satisfactory score on placement examination 4 hrs
*Independent Study in Mathematics "D" (Calculus) Semester II 2491 PEIMS # 03102500	MATH 2414 CALCULUS II Prerequisite MATH 2413 4 hrs	MATH 2414 CALCULUS II Prerequisite MATH 2413 4 hrs

**PHYSICAL AND HEALTH EDUCATION**

PEIS –PE Ind. Sports 4806 PEIMS # 03850104 PETS- PE Team Sports 4809 PEIMS # 03860105	PHED 1100, PHED 1101, PHED 1103, PHED 1111, PHED 1112, PHED 1113, PHED 1143 PHED 1115, PHED 1332, PHED 1144, PHED 2144, PHED 1117, PHED 1118, PHED 1119, PHED 1121, PHED 1134, PHED 1130, PHED 1132, PHED 1150, PHED 1152 Prerequisite 10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	KINE 1109 through KINE 1159 (Adventure Education, Adv Swim Lifeguard, Adv Track & Field, Aerobic Activities, Archery, Basketball Officiate, Beg/ Adv Swimming, Disc Sports, Elementary Dance, Golf, Gymnastics, Hockey, Lacrosse, Racquet Sports, Secondary Dance, Soccer, Team Handball, Track & Field Skills, Volleyball, Bowling, Yoga, Adv Soccer, Aerobics, Handball, Tai Kwon Do, Weight Training. Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification
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**SCIENCE**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Physics Semester I 2518 PEIMS # 03050000	PHYS 1401 Prerequisite or Corequisite: Pre-calculus 4 hrs	PHYS 1301 Lab 1101 Prerequisite or Corequisite: Pre-calculus 4 hrs
*Physics Semester II 2518 PEIMS # 03050000	PHYS 1402 Prerequisite PHYS 1401 4 hrs	PHYS 1302 Lab 1102 Prerequisite PHYS 1301 4 hrs

**SOCIAL STUDIES**

*U.S. Govt "D" 2025 PEIMS # 03330100	GOVT 2305 (Federal Government) Prerequisite: 12 <sup>th</sup> grade classification 3 hrs	PLSC 2305 (American National Politics) Prerequisite: 12 <sup>th</sup> grade classification 3 hrs
*Economics-FE "D" 2547 PEIMS #	ECON 2301 (Principles of Macroeconomics) 3 hrs Prerequisite: 12 <sup>th</sup> grade classification	ECON 2301 (Principles of Macroeconomics) 3 hrs Prerequisite: 12 <sup>th</sup> grade classification
*U.S. History "D" 2534 PEIMS # 03340100	HIST 1301 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs	HIST 1301 (History of the United States to 1877) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs
*U.S. History "D" 2534 PEIMS # 03340100	HIST 1302 Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs	HIST 1302 (History of the United States since 1877) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs
Sociology 4540 PEIMS # 03370100	SOCI 1301 10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs	SOCI 1301 (Introduction to Sociology) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs
Psychology 4539 PEIMS # 03350100	PSYC 2301 or PSYC 2308 or PSYC 2302 10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs	PSYC 1301 (Introduction to Psychology) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs

**SPEECH**

Communication Applications 4369 PEIMS # 03241400	SPCH 1311, SPCH 1315 or SPCH 1321 Prerequisite 10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs	COMM 1315 (Introduction to Public Speaking) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification 3 hrs
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**DUAL COURSES APPROVED FOR SOPHOMORES**

**Note: 10<sup>th</sup> grade students must take these courses as web courses or evening courses only**

PEIS –PE Ind. Sports 4806 PEIMS # 03850104 PETS- PE Team Sports 4809 PEIMS # 03860105 <b>Note:</b> This course is offered as a web course only for 10 <sup>th</sup> grade students.	PHED 1100, PHED 1101, PHED 1103, PHED 1111, PHED 1112, PHED 1113, PHED 1143 PHED 1115, PHED 1332, PHED 1144, PHED 2144, PHED 1117, PHED 1118, PHED 1119, PHED 1121, PHED 1134, PHED 1130, PHED 1132, PHED 1150, PHED 1152	1 hr
Communication Applications 4369 PEIMS # 03241400	SPCH 1311, SPCH 1315 or SPCH 1321	3 hrs
Sociology 4540 PEIMS # 03370100	SOCI 1301	3 hrs
Psychology 4539 PEIMS # 03350100	PSYC 2301 or PSYC 2308 or PSYC 2302	3 hrs

- Indicates weighted courses

**ECTOR COUNTY INDEPENDENT SCHOOL DISTRICT**  
**ODESSA COLLEGE and The University of Texas of the Permian Basin**  
**DUAL CREDIT COURSES**  
**Career & Technical Ed. and Technology Applications**  
**EFFECTIVE 2010-2011**

**Note: \* Indicates Weighted Courses**

**3-D ANIMATION**

*Advanced Animation 8466 PEIMS #13008400	2 cr	ARTV 1303 Basic Animation	3 hrs
*Practicum in Animation 8469 PEIMS # 13009010	2 cr	ARTV 1303 Basic Animation	3 hrs

**EARLY CHILDHOOD EDUCATION**

<b>ECISD Course and Credit</b>	<b>OC Course and Credit Hours</b>	<b>UTPB Course and Credit</b>
*Child Guidance Semester I 8499 PEIMS # 13024800	1 cr CDEC 1319 Child Guidance CDEC 1358 Creative Arts for Early Childhood	6 hrs
*Child Guidance Semester II 8499 PEIMS # 13024800	1 cr TECA 1303 Family and the Community TECA 1311 Educating Young Children	6 hrs
*Practicum in Human Services I Semester I 8500 PEIMS # 13025000	1 cr TECA 1318 Nutrition, Health and Safety PHED 1306 First Aid	6 hrs
*Practicum in Human Services I Semester II 8500 PEIMS # 13025000	1 cr BCIS 1305 Business Computer Applications TECA 1354 Child Growth and Development	6 hrs

**COMPUTER SCIENCE**

*Computer Science I "D" Semester I 4495 PEIMS # 03580200	½ cr COSC 1436 Prerequisite: High School Business Information Management preferred Programming Fundamentals I	4 hrs COSC 1430 (Introduction to Computer Science) Prerequisite or Corequisite: MATH 1332 or 1324 or 2412 or equivalent
Note: This course will not count as a math credit		
*Computer Science I "D" Semester II 4495 PEIMS # 03580200	½ cr COSC 1437 Prerequisite: COSC 1436 Programming Fundamentals II	4 hrs COSC 2430 (Introduction to Computer Science II) Prerequisite: COSC 1430
Note: This course will not count as a math credit		

**CORE ELECTRONICS**

*Electronics 8598 PEIMS # 13032700	2 cr CETT 1409 DC-AC Circuits EEIR 1409 National Electrical Code	8 hrs
*Advanced Electronics 8599 PEIMS # 13032800	2 cr ELPT 2419 Programmable Logic Controllers I IEIR 1410 Motor Controls	8 hrs

**COSMETOLOGY**

Cosmetology I Semester I 8540 PEIMS # 13025200	1 ½ cr	CSME 1401 & CSME 1443 Orientation to Cosmetology Manicuring and Related Theory Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	8 hrs	Per contract
Cosmetology I Semester II 8540 PEIMS # 13025200	1 ½ cr	CSME 1451 & CSME 1405 Artistry of Hair Theory & Practice Fundamentals of Cosmetology Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	8 hrs	
Cosmetology II Semester I 8541 PEIMS # 13025300	1 ½ cr	CSME 1453 & CSME 2401 Chemical Reformation & Related Theory Principles of Hair Coloring and Related Theory Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	8 hrs	
Cosmetology II Semester II 8541 PEIMS # 13025300	1 ½ cr	CSME 2441 Preparation for the State Licensing Examination Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	

**CRIMINAL JUSTICE**

<b>ECISD Course and Credit</b>		<b>OC Course and Credit Hours</b>		<b>UTPB Course and Credit</b>
Law Enforcement I Semester I 8550 PEIMS # 13029300	1 cr	CRJU 1301 Intro. to Criminal Justice CRJU 1306 Court Systems and Practices Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	6 hrs	
Law Enforcement I Semester II 8550 PEIMS # 13029300	1 cr	CRJU 1310 Fundamentals of Criminal Law CRJU 2313 Correctional Systems and Practices Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	6 hrs	
Law Enforcement II Semester I 8551 PEIMS # 13029400	1 cr	CRJU 1313 Juvenile Justice System CJCR 1304 Probation and Parole Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	6 hrs	
Law Enforcement II Semester II 8551 PEIMS # 13029400	1 cr	CRJU 1307 Crime in America CRJU 2314 Criminal Investigation Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	6 hrs	

**DIESEL TECHNOLOGY**

<b>ECISD Course and Credit</b>	<b>OC Course and Credit Hours</b>	<b>UTPB Course and Credit</b>
Practicum in Diesel Technology I 8430 PEIMS # 13040400	2 cr DEM1401 Shop Safety and Procedures DEM1405 Basic Electrical Systems DEM1229 Preventive Maintenance 320 contact hours	10 hrs
Advanced Flexible Manufacturing 8432 PEIMS # 13040410	2 cr DEM1230 Steering and Suspension DEM2331 Advanced Brake Systems DEM1240 Steering and Suspension DEM1323 HVAC Trouble Shooting and Repair 320 contact hours	10 hrs

**ENGINEERING**

<b>ECISD Course and Credit</b>	<b>OC Course and Credit Hours</b>	<b>UTPB Course and Credit</b>
*Engineering Design and Presentation 8579 PEIMS #13036500	1 cr	BE 1301 & 1101 (Introduction to Engineering & Design) Prerequisite: ENGL 1301, MATH 2413 or Corequisite high school calculus or dual calculus 4 hrs

**FIRE AND EMT ACADEMY**

*Firefighter I 8555 PEIMS # 13029900	2 cr	FIRS 1301 Firefighter Certification I 3 hrs
		FIRS 1407 Firefighter Certification II 4 hrs
		FIRS 1313 Firefighter Certification III 3 hrs
		FIRS 1319 Firefighter Certification IV 3 hrs
*Firefighter II 8556 PEIMS # 13029900	2 cr	FIRS 1323 Firefighter Certification V 3 hrs Prerequisite Must have completed FIRS 1301, FIRS 1407, FIRS 1313, and FIRS 1319 with a grade of a 70 or higher
		FIRS-1329 Firefighter Certification VI 3 hrs
		FIRS 1433 Firefighter Certification VII 4 hrs
		FIRS 1167 Firefighting Practicum 1 hrs
		EMSP 1501 Emergency Medical Technician - Basic 5 hrs

	EMSP 1160 Clinical—Emergency Medical Technology/Technician	1 hr	
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**HEALTH SCIENCE TECHNOLOGY**

* Practicum in Health Science, Emergency Medical Technician 8522 PEIMS# 13020500	EMSP 1501 & EMSP 1160 Emergency Medical Technician – Basic Clinical—Emergency Medical Technology/Technician 11 <sup>th</sup> or 12 <sup>th</sup> grade classification Biology & Chemistry	6 hrs	3 cr
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**MACHINE TECHNOLOGY**

Flexible Manufacturing 8562 PEIMS # 13032700	MCHN 1438 & MCHN 1413 Machining I – Basic Machine Shop I Basic Milling Operations Prerequisite 11 <sup>th</sup> & 12 <sup>th</sup> grade classification	8 hrs	2 cr
Advanced Flexible Manufacturing 8563 PEIMS # 13032800	MCHN 1441 & MCHN 2437 Basic Machine Shop II Advanced Milling Operations Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	8 hrs	2 cr

**PLUMBING, AIR CONDITIONING, AND ELECTRICAL ACADEMY**

Advanced HVAC & Refrigeration Tech 8451 PEIMS # 13005900	HART 1403 Refrigeration Principles Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	2 cr
	HART 1407 Air Conditioning Control Principles Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	
Advanced Plumbing & Piping Technology 8452 PEIMS# 13006100	HART 1441 Residential Air Conditioning Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	2 cr
	HART 1445 Gas and Electric Heating Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	
	PFPB 1413 Introduction to the Plumbing Trade Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	
	PFPB 1421 Plumbing Maintenance and Repair Prerequisite 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs	