

**Odessa College and The University of Texas of the Permian Basin  
Dual Credit Courses Effective 2012-2013**

\* weighted core courses

**ENGLISH**

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

**FINE ARTS**

Art History III 4588 PEIMS # 03501700 ½ cr	ARTS 1301, 3 hrs Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	ARTS History Survey I 1303 3 hrs Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification
Art History III 4588 PEIMS # 03501700 ½ cr	ARTS 1304, 1303 3 hrs Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	ARTS History Survey II 1304 3 hrs Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification
Arts III Draw 2580 PEIMS # 03501300 1 cr	ARTS 1316 Drawing I (Fall Sem) 3 hrs Prerequisite: Completion of Art 1 ARTS 1317 Drawing II (Spring Sem) 3 hrs Prerequisite: Completion of ARTS 1316 Drawing I	ARTS 1311 Two-Dimensional Design 3 hrs Prerequisite: Completion of Art 1 and Art II
Arts IV Draw 2586 PEIMS # 03502300 1 cr	ARTS 1316 Drawing I (Fall Sem) 3 hrs Prerequisite: Completion of entry level ECISD Art 1 ARTS 1317 Drawing II (Spring Sem) 3 hrs Prerequisite: Completion of ARTS 1316 Drawing I	
Jazz, Pop, Rock 4654 PEIMS #03152900 ½ cr		MUSI 2310 3 hrs (Available only to students that have already fulfilled their HS Fine Arts credit)
Music Appreciation 4653 PEIMS #03152900 ½ cr		MUSI 1306 3 hrs (Available only to students that have already fulfilled their HS Fine Arts credit)

**FOREIGN LANGUAGE**

Spanish II Semester I 2436 PEIMS # 03440200 ½ cr	SPAN 1411 4 hrs Prerequisite: Spanish I	SPAN 1411(Beginning Course in Spanish) 4 hrs Prerequisite: Spanish I
Spanish II Semester II 2436 PEIMS # 03440200 ½ cr	SPAN 1412 4 hrs Prerequisite: Spanish II, Semester I with a 70 or higher or SPAN 1411 with a "C" or higher	SPAN 1412(Beginning Course in Spanish II) 4 hrs Prerequisite: SPAN 1411 with a "C" or higher or one year of high school Spanish
Spanish III Semester I 2450 PEIMS # 03440300 ½ cr	SPAN 2311 3 hrs Prerequisite: Spanish II with a 70 or higher or SPAN 1412 with a "C" or higher	SPAN 2311 (Second Year in Spanish) 4 hrs 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.

Spanish III Semester II 2450 PEIMS # 03440300	½ cr	SPAN 2312 Prerequisite: Spanish III, Semester I with a 70 or higher or SPAN 2311 with a “C” or higher	3 hrs	SPAN 2312 (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
American Sign Language I Semester I 2463 PEIMS # 03980100	½ cr	SGNL 1301	3 hrs		
American Sign Language II Semester II 2464 PEIMS # 03980100	½ cr	SGNL 1302	3 hrs		

### MATHEMATICS

ECISD Course and Credit		OC Course and Credit Hours		UTPB Course and Credit	
*Pre-Calculus “D” Semester I 2483 PEIMS# 03101100	½ cr	MATH 1316 Prerequisite: Algebra II	3 hrs	MATH 1314 College Algebra Prerequisite: Algebra II	3 hrs
*Pre-Calculus “D” Semester II 2483 PEIMS # 03101100	½ cr	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	½ cr	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	½ cr	MATH 2414 CALCULUS II Prerequisite: MATH 2413	4 hrs	MATH 2414 CALCULUS II Prerequisite: MATH 2413	4 hrs

### PHYSICAL AND HEALTH EDUCATION

Ind. Sports MS # 03850104 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	1 hr	KINE 1109 through KINE 1159 (Adventure Education, Adv Swim Lifeguard, Adv Track & Field, Aerobic Activities, Archery, Basketball Officiate, Beg/Adv Swimming, Dance, Disc Sports, Elementary Dance, Golf, Gymnastics, Handball, Hockey, Lacrosse, Racquet Sports, Secondary, Soccer, Team Handball, Track & Field Skills, Volleyball, Bowling, Yoga, Adv Soccer, Aerobics, Tai Kwon Do, Weight Training) Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	1 hr
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### SCIENCE

*Physics Semester I 2522 PEIMS # 03050000	½ cr	PHYS 1401 Prerequisite or Corequisite: Pre-calculus	4 hrs	PHYS 1301 Lab 1101 Prerequisite or Corequisite: Pre-calculus	4 hrs
*Physics Semester II 2522 PEIMS # 03050000	½ cr	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	½ cr	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
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*Economics-FE "D" 2536 PEIMS #	½ cr	ECON 2301 (Principles of Macroeconomics) Prerequisite: 12 <sup>th</sup> grade classification	3 hrs	ECON 2301 (Principles of Macroeconomics) Prerequisite: 12 <sup>th</sup> grade classification	3 hrs
*U.S. History "D" 2534 PEIMS # 03340100	½ cr	HIST 1301 Prerequisite: 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	½ cr	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	½ cr	SOCI 1301 Prerequisite: 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	½ cr	PSYC 2301 or PSYC 2308 or PSYC 2302 Prerequisite: 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	½ cr	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: 10th grade students must take these courses as web courses or evening courses only**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
PEIS –PE Ind. Sports 4806 PEIMS # 03850104 PETS- PE Team Sports 4809 PEIMS # 03860105 Note: This web course is offered only for 10 <sup>th</sup> grade students.	PHED 1100, PHED 1101, PHED 1103, 1 hr 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	
Communication Applications 4369 PEIMS # 03241400	SPCH 1311, SPCH 1315 or 3 hrs SPCH 1321	
Sociology 4540 PEIMS # 03370100	SOCI 1301 3 hrs	
Psychology 4539 PEIMS # 03350100	PSYC 2301 or PSYC 2308 or PSYC 2302 3 hrs	

### Career & Technical Ed. and Technology Applications

**Note: \* Indicates Weighted Courses**

#### EARLY CHILDHOOD EDUCATION

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Child Guidance Semester I 1 cr 8499 PEIMS # 13024800	CDEC 1319 Child Guidance 6 hrs CDEC 1358 Creative Arts for Early Childhood	
Child Guidance Semester II 1 cr 8499 PEIMS # 13024800	TECA 1303 Family and the Community 6 hrs TECA 1311 Educating Young Children	
Practicum in Human Services I Semester I 1 cr 8500 PEIMS # 13025000	TECA 1318 Nutrition, Health and Safety 6 hrs TECA 1354 Child Growth and Development	
Practicum in Human Services I Semester II 1 cr 8500 PEIMS # 13025000	CDEC 1356 Emergent Literacy for Early Childhood 7 hrs CDEC 1421 The Infant and Toddler	

#### COMPUTER SCIENCE

Computer Science I "D"	½ cr	COSC 1436	4 hrs	COSC 1430	4 hrs
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Semester I 4495 PEIMS # 03580200 Note: This course will not count as a math credit	Prerequisite: High School Business Information Management preferred Programming Fundamentals I	(Introduction to Computer Science) Prerequisite or Corequisite: MATH 1332 or 1324 or 2412 or equivalent
Computer Science I "D" Semester II 4495 PEIMS # 03580200 Note: This course will not count as a math credit	1/2 cr COSC 1437 Prerequisite: COSC 1436 Programming Fundamentals II	4 hrs COSC 2430 (Introduction to Computer Science II) Prerequisite: COSC 1430

### COSMETOLOGY

Cosmetology I Semester I 8540 PEIMS # 13025200	1 1/2 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 1/2 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 1/2 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 1/2 cr CSME 2441 Preparation for State Licensing Examination Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	4 hrs

### ENGINEERING

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
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

### 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 Prerequisite: Must have completed FIRS 1301, FIRS 1407, FIRS 1313, and FIRS 1319 with a grade of a 70 or higher	3 hrs
		FIRS 1329 Firefighter Certification VI	3 hrs
		FIRS 1433 Firefighter Certification VII	4 hrs
		FIRS 11671 hrs Firefighting Practicum	
		EMSP 1501 Emergency Medical Technician - Basic	5 hrs
		EMSP 1160	1 hr

	Clinical–Emergency Medical Technology/Technician	
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**HEALTH SCIENCE TECHNOLOGY**

Practicum in Health Science, 3 cr Emergency Medical Technician 8522 PEIMS# 13020500	EMSP 1501 & EMSP 1160 6 hrs Emergency Medical Technician – Basic Clinical–Emergency Medical Technology/ Technician Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification , Biology & Chemistry	
* Scientific Research and Design I 8583 PEIMS# 13037200  Note: approved fourth science course	1 <sup>st</sup> Semester: BIOL 1408: Biology for Non-Science Majors <u>Prerequisite:</u> 11 <sup>th</sup> or 12 <sup>th</sup> grade classification.  2 <sup>nd</sup> Semester: 1409: Biology for Non-Science Majors <u>Prerequisite:</u> 11 <sup>th</sup> or 12 <sup>th</sup> grade classification; Must have a minimum grade of “C” in BIOL 1408.	
*Anatomy and Physiology 8518 PEIMS #1320600  Note: approved fourth science course	<b>1<sup>st</sup> Semester:</b> BIOL 2401: Anatomy and Physiology Prerequisite: 11th or 12th grade classification; Pass Reading on THEA/ Compass and be eligible for College Algebra. Prerequisite or Co-requisite: HPRS 1106: Essentials of Medical Terminology or HITT 1205: Medical Terminology I <b>2<sup>nd</sup> Semester:</b> BIOL 2402: Anatomy and Physiology Prerequisite: 11th or 12th grade classification; a minimum Grade of “C” in BIOL 2401	
Medical Terminology 8614 PEIMS #13020300	½ cr HITT 1205: Medical Terminology I <u>Prerequisite:</u> 10 <sup>th</sup> , 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	

**CRIMINAL JUSTICE**

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

**MACHINE TECHNOLOGY**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Flexible Manufacturing 8562 PEIMS # 13032700	2 cr MCHN 1438 & MCHN 1413 Machining I – Basic Machine Shop I Basic Milling Operations Prerequisite: 11 <sup>th</sup> or 12 <sup>th</sup> grade classification	8 hrs
Advanced Flexible Manufacturing 8563 PEIMS # 13032800	2 cr 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

### AUTOMOTIVE & DIESEL TECHNOLOGY

Practicum in Transportation, Distribution, and Logistics 2 cr PEIMS # 13040400	AUMT 1405 Introduction to Automotive Technology <i>or</i> DEMR 1401 Shop Safety and Procedures AUMT 1407 Automotive Electrical Systems <i>or</i> DEMR 1405 Basic Electrical Systems 8 cr	
Practicum in Transportation, Distribution, and Logistics II 2 cr 13040410	AUMT 1310 Automotive Brake Systems <i>or</i> DEMR 2331 Advanced Brake Systems AUMT 1416 Automotive Suspension and Steering Systems <i>or</i> DEMR 1229 Preventive Maintenance and DEMR 1240 Steering and Suspension 7 cr	

### 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

### 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 1345 3-D Animation 1	3 hrs

### WELDING

Advanced Welding Technology 8560 PEIMS #13008400	2 cr WLDG 1421 Welding Fundamentals WLDG 1417 Print Reading and Layout	8 hrs
Practicum in Manufacturing 8560 PEIMS # 13033000	2 cr WLDG 1435 Intro to Pipe Welding WLDG 2406 Intermediate Pipe Welding	8 hrs