

**Odessa College and The University of Texas of the Permian Basin  
Dual Credit Courses Effective 2013-2014**

\* weighted core courses

**ENGLISH**

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*English III "D" Semester I 2327 PEIMS # 03220300 ½ cr	ENGL 1301 3 hrs Prerequisite: 11th grade classification	ENGL 1301 (Composition I) 3 hrs Prerequisite: 11th 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: 11th or 12th grade classification	ARTS History Survey I 1303 3 hrs Prerequisite: 11th or 12th grade classification
Art History III 4588 PEIMS # 03501700 ½ cr	ARTS 1304, 1303 3 hrs Prerequisite: 11th or 12th grade classification	ARTS History Survey II 1304 3 hrs Prerequisite: 11th or 12th grade classification
Arts III Draw 4589 PEIMS # 03501300 1 cr	ARTS 1316 Drawing I (Fall Semester) 3 hrs Prerequisite: Completion of Art 1 ARTS 1317 Drawing II (Spring Semester) 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 4590 PEIMS # 03502300 1 cr	ARTS 1316 Drawing I (Fall Semester) 3 hrs Prerequisite: Completion of entry level ECISD Art 1 ARTS 1317 Drawing II (Spring Semester) 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)
Applied Music I Semester 1 2658 PEIMS #03152500 ½ cr	MUAP 1202, 1206, 1210, 1214, 1218, 1222, 1226, 1230, 1234, 1238, 1242, 1246, 1254, 1258, 1262, 1282 Corequisite: Must be enrolled in a major ensemble at their home school (band, orchestra, choir or guitar) 2hrs	
Applied Music I Semester 2 2658 PEIMS #03152500 ½ cr	MUAP 1202, 1206, 1210, 1214, 1218, 1222, 1226, 1230, 1234, 1238, 1242, 1246, 1254, 1258, 1262, 1282 Corequisite: Must be enrolled in a major ensemble at their home school (band, orchestra, choir or guitar) 2hrs	

**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 3 hrs Prerequisite: Spanish III, Semester I with a 70 or	SPAN 2312 (Second Year in Spanish II) 4 hrs Prerequisite: SPAN 2311, Sem 1 with a 70 or higher, or

	higher or SPAN 2311 with a "C" or higher	the required score from the CLEP in Spanish.
American Sign Language I Sem I 2463 PEIMS # 03980100	SGNL 1301 3 hrs	
American Sign Language I Sem II 2463 PEIMS # 03980100	SGNL 1302 3 hrs	
American Sign Language II Sem I 2464 PEIMS # 03980200	SGNL 1303 3 hrs	
American Sign Language II Sem II 2464 PEIMS # 03980200	SGNL 1304 3 hrs	

### MATHEMATICS

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
*Precalculus "D" Semester I 2483 PEIMS# 03101100 ½ cr	MATH 1316 3 hrs Prerequisite: Algebra II	MATH 1314 College Algebra 3 hrs Prerequisite: Algebra II
*Precalculus "D" Semester II 2483 PEIMS # 03101100 ½ cr	MATH 2412 4 hrs Prerequisite: Algebra II	MATH 2412 (Precalculus) 4 hrs Prerequisite: Algebra II, one year of high school geometry, and satisfactory score on placement examination or completion of MATH 0399.
*Independent Study in Mathematics "D" (Calculus) Semester I 2491 PEIMS # 03102500 ½ cr	MATH 2413 CALCULUS I 4 hrs Prerequisite: MATH 2412 or satisfactory score on placement examination	MATH 2413 CALCULUS I 4 hrs Prerequisite: MATH 2412 or satisfactory score on placement examination
*Independent Study in Mathematics "D" Calculus) Semester II 2491 PEIMS # 03102500 ½ cr	MATH 2414 CALCULUS II 4 hrs Prerequisite: MATH 2413	MATH 2414 CALCULUS II 4 hrs Prerequisite: MATH 2413

### PHYSICAL AND HEALTH EDUCATION

PEIS –PE Ind. Sports 4806 PEIMS # 03850104 PETS- PE Team Sports 4809 PEIMS # 03860105	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 Prerequisite: 10th, 11th or 12th grade classification	KINE 1109 through KINE 1159 1 hr (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: 11th or 12th grade classification
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### SCIENCE

*Physics Semester I 2522 PEIMS # 03050000 ½ cr	PHYS 1401 4 hrs Prerequisite or Corequisite: Precalculus	PHYS 1301 Lab 1101 4 hrs Prerequisite or Corequisite: Precalculus
*Physics Semester II 2522 PEIMS # 03050000 ½ cr	PHYS 1402 4 hrs Prerequisite: PHYS 1401	PHYS 1302 Lab 1102 4 hrs Prerequisite: PHYS 1301

### SOCIAL STUDIES

*U.S. Government "D" ½ cr 2025 PEIMS # 03330100	GOVT 2305 (Federal Government) 3 hrs Prerequisite: 12th grade classification	PLSC 2305 (American National Politics) 3 hrs Prerequisite: 12th grade classification
*Economics-FE "D" 2536 PEIMS # ½ cr	ECON 2301 3 hrs (Principles of Macroeconomics) Prerequisite: 12th grade classification	ECON 2301 3 hrs (Principles of Macroeconomics) Prerequisite: 12th grade classification
*U.S. History "D" 2534 PEIMS # 03340100 ½ cr	HIST 1301 3 hrs Prerequisite: 11th or 12th grade classification	HIST 1301 (History of the U. S. to 1877) 3 hrs Prerequisite: 11th or 12th grade classification
*U.S. History "D" 2534 PEIMS # 03340100 ½ cr	HIST 1302 3 hrs Prerequisite: 11th or 12th grade classification	HIST 1302 (History of the U.S. since 1877) 3 hrs Prerequisite: 11th or 12th grade classification
Sociology 4540 PEIMS # 03370100 ½ cr	SOCI 1301 3 hrs Prerequisite: 10th, 11th or 12th grade classification	SOCI 1301 (Introduction to Sociology) 3 hrs Prerequisite: 11th or 12th grade classification
Psychology 4539 PEIMS # 03350100 ½ cr	PSYC 2301 or PSYC 2308 or PSYC 2302 3 hrs Prerequisite: 10th, 11th or 12th grade classification	PSYC 1301 (Introduction to Psychology) 3 hrs Prerequisite: 11th or 12th grade classification

### SPEECH

Communication Applications 4369 PEIMS # 03241400	½ cr	SPCH 1311, SPCH 1315 or SPCH 1321 Prerequisite: 10th, 11th or 12th grade classification	3 hrs	COMM 1315 (Introduction to Public Speaking) Prerequisite: 11th or 12th 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 10th 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	½ cr	SPCH 1311, SPCH 1315 or SPCH 1321	3 hrs		
Sociology 4540 PEIMS # 03370100	½ cr	SOCI 1301	3 hrs		
Psychology 4539 PEIMS # 03350100	½ cr	PSYC 2301 or PSYC 2308 or PSYC 2302	3 hrs		

### Career & Technical Ed. and Technology Applications

#### EARLY CHILDHOOD EDUCATION

ECISD Course and Credit		OC Course and Credit Hours		UTPB Course and Credit	
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 1311 Educating Young Children	3 hrs		
Practicum in Human Services I Semester I 8500 PEIMS # 13025000	1 cr	TECA 1303 Family, School & Community TECA 1318 Nutrition, Health and Safety	6 hrs		
Practicum in Human Services I Semester II 8500 PEIMS # 13025000	1 cr	CDEC 1356 Emergent Literacy for Early Childhood	3 hrs		

#### COMPUTER & INFORMATION SCIENCE

BIM "D" Semester I 8642 PEIMS # 13011400 Note: This course will not count as a math credit	½ cr	BCIS 1305 Business Computer Applications Prerequisite: 10th, 11th or 12th grade classification	3 hrs		
BIM "D Semester II " 8642 PEIMS # 13011400 Note: This course will not count as a math credit	½ cr	ITSW 1301 Intro to Word Processing OR ITSW 1304 Into to Spreadsheets OR ITSW 1307 Intro to Databases Prerequisite: 10th, 11th or 12th grade classification and BCIS 1305	3 hrs		
Computer Science I "D" Semester I 4496 PEIMS # 03580200 Note: This course will not count as a math credit	½ cr	COSC 1436 Programming Fundamentals I Prerequisite: High School Business Information Management preferred	4 hrs	COSC 1430 (Introduction to Computer Science) Prerequisite or Corequisite: MATH 1332 or 1324 or 2412 or equivalent	4 hrs
Computer Science I "D" Semester II 4496 PEIMS # 03580200 Note: This course will not count as a math credit	½ cr	COSC 1437 Programming Fundamentals II Prerequisite: COSC 1436	4 hrs	COSC 2430 (Introduction to Computer Science II) Prerequisite: COSC 1430	4 hrs

### COSMETOLOGY

Cosmetology I Semester I 8540 PEIMS # 13025200	1 ½ cr	CSME 1401 & CSME 1443 Orientation to Cosmetology Manicuring and Related Theory Prerequisite: 11th or 12th 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: 11th or 12th 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: 11th or 12th grade classification	8 hrs	
Cosmetology II Semester II 8541 PEIMS # 13025300	1 ½ cr	CSME 2441 Preparation for State Licensing Examination Prerequisite: 11th or 12th 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) 4 hrs Prerequisite: ENGL 1301, MATH 2413 or Corequisite: high school calculus or dual calculus

### FIRE AND EMT ACADEMY

Firefighter I Semester I 8555 PEIMS # 13029900	1 cr	FIRS 1301 Firefighter Certification I FIRS 1407 Firefighter Certification II	3 hrs 4 hrs	
Firefighter I Semester II 8555 PEIMS # 13029900	1 cr	FIRS 1313 Firefighter Certification III FIRS 1319 Firefighter Certification IV	3 hrs 3 hrs	
Firefighter II Semester I 8556 PEIMS # 13029900	1 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 FIRS 1329 Firefighter Certification VI FIRS 1433 Firefighter Certification VII FIRS 1167 Firefighting Practicum	3 hrs 3 hrs 4 hrs 1 hrs	
Firefighter II Semester II 8556 PEIMS # 13029900	1 cr	EMSP 1501 Emergency Medical Technician – Basic EMSP 1160 Clinical–Emergency Medical Technology/Technician	5 hrs 1 hr	

### HEALTH SCIENCE TECHNOLOGY

Practicum in Health Science, Emergency Medical Technician 8522 PEIMS# 13020500	1 cr	EMSP 1501 & EMSP 1160 Emergency Medical Technician–Basic Clinical– Emergency Medical Technology/Technician Prerequisite: 12th grade classification, Biology & Chemistry	6 hrs	
* Scientific Research and Design I 8583 PEIMS# 13037200 Note: approved fourth science course	1 cr	1 <sup>st</sup> Semester: BIOL 1408: Biology for Non-Science Majors Prerequisite: 11th or 12th grade classification. 2nd Semester: 1409: Biology for Non-Science Majors Prerequisite: 11th or 12th grade classification; Must have a minimum grade of “C” in BIOL 1408.		

*Anatomy & Physiology Sem I 8718 PEIMS #1320600 Note: approved fourth science course	½ cr	BIOL 2401: Anatomy and Physiology ONLINE ONLY Prerequisite: 11th or 12th grade classification; Pass Reading on THEA/ Compass and be eligible for College Algebra. HPRS 1106: Essentials of Medical Terminology or HITT 1205: Medical Terminology I	
*Anatomy & Physiology Sem II 8718 PEIMS #1320600 Note: approved fourth science course	½ cr	BIOL 2402: Anatomy and Physiology ONLINE ONLY 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 Prerequisite: 10th, 11th or 12th grade classification	

### VOCATIONAL NURSING ACADEMY

LVN I Sem 1 8535 PEIMS #13020500	1.5 cr	VSNG 1327 Essentials of Medication Admin 3 hrs VSNG 1505 Health Science 5 hrs	
LVN I Semester I.5 cr 8535 PEIMS #13020500	II	VNSG 1500 Nursing in Health & Illness 5 hrs VSNG 1502 Applied Nursing Skills 5 hrs	
Courses taken by students during summer between junior and senior year		VSNG 1260 Introductory Clinical Nursing I 2 hrs	
LVN II Semester I.5 cr 8536 PEIMS #13020510	I	VNSG 1330 Maternal Neonatal Nursing 3 hrs VNSG 1334 Pediatric Nursing 5 hrs	
LVN II Semester I.5 cr 8536 PEIMS #13020510	II	VNSG 1361 Intermediate Clinical 3 hrs VNSG 1509 Nursing in Allied Health & Illness II 5 hrs	

### CRIMINAL JUSTICE

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

### MACHINE TECHNOLOGY

ECISD Course and Credit	OC Course and Credit Hours	UTPB Course and Credit
Flexible Manufacturing Semester I 8562 PEIMS # 13032700	1 cr	MCHN 1438 Basic Machine Shop I 4 hrs Prerequisite: 11th or 12th grade classification
Flexible Manufacturing Semester 2 8562 PEIMS # 13032700	1 cr	MCHN 1320 Precision Tools and Measurement 4 hrs Prerequisite: 11th or 12th grade classification
Advanced Flexible Semester 1 Manufacturing 8563 PEIMS # 13032800	1 cr	MCHN 240 Fundamentals of CNC Machine Controls 4 hrs Prerequisite: 11th or 12th grade classification
Advanced Flexible Semester 2 Manufacturing 8563 PEIMS # 13032800	1 cr	MCHN 2434 Operation of CNC Machining Centers 4 hrs Prerequisite: 11th or 12th grade classification

### AUTOMOTIVE & DIESEL TECHNOLOGY

Auto Tech I Semester I 8423 PEIMS # 13039600 PEIMS	2 cr	PHS: AUMT 1419 Automotive Engine Repair OHS: AUMT 1407 Automotive Electrical Systems 8 hrs Prerequisite: 11th or 12th grade classification	
Auto Tech I Semester II 8423 PEIMS # 13039600	2 cr	OHS: 1419 Automotive Engine Repair 8 hrs PHS: AUMT 1407 Automotive Electrical Systems Prerequisite: 11th or 12th grade classification	
Auto Tech II Semester I 8424 PEIMS # 13039700	2 cr	PHS: AUMT 2417 Automotive Engine Performance Analysis II 7 hrs OHS: AUMT 1345 Automotive Climate Control Systems Prerequisite: 11th or 12th grade classification	
Auto Tech II Semester II 8424 PEIMS # 13039700	2 cr	PHS: AUMT 1345 Automotive Climate Control Systems 7 hrs OHS: AUMT 2417 Automotive Engine Performance Analysis II Prerequisite: 11th or 12th grade classification	

### CORE ELECTRONICS

Electronics Semester I 8598 PEIMS # 13032700	1 cr	CETT 1409 DC-AC Circuits 4 hrs Prerequisite: 11th or 12th grade classification	
Electronics Semester II 8598 PEIMS # 13032700	1 cr	EEIR 1409 National Electrical Code 4 hrs Prerequisite: 11th or 12th grade classification	
Advanced Electronics Semester I 8599 PEIMS # 13032800	1 cr	IEIR 1410 Motor Controls 4 hrs Prerequisite: 11th or 12th grade classification	
Advanced Electronics Semester II 8599 PEIMS # 13032800	1 cr	ELPT 2419 Programmable Logic Controllers I 4 hrs Prerequisite: 11th or 12th grade classification	

### 3-D ANIMATION

Advanced Animation Semester I 8466 PEIMS #13008400	1 cr	ARTV 1403 Basic Animation 4 hrs Prerequisite: 11th or 12th grade classification	
Advanced Animation Semester II 8466 PEIMS #13008400	1 cr	IMED 1401 Intro to Digital Media 4 hrs Prerequisite: 11th or 12th grade classification	
Practicum in Animation Semester I 8469 PEIMS # 13009010	1 cr	ARTV 1441 Animation I 4 hrs Prerequisite: 11th or 12th grade classification	
Practicum in Animation Semester II 8469 PEIMS # 13009010	1 cr	ARTV 2451 Animation II 4 hrs Prerequisite: 11th or 12th grade classification	

### WELDING

Advanced Welding Tech Sem I 8560 PEIMS #13008400	1 cr	WLDG 1421 Welding Fundamentals 4 hrs Prerequisite: 11th or 12th grade classification	
Advanced Welding Tech Sem II 8560 PEIMS #13008400	1 cr	WLDG 1417 Print Reading and Layout 4 hrs Prerequisite: 11th or 12th grade classification	
Practicum in Manufacturing Sem I 8560 PEIMS # 13033000	1 cr	WLDG 1435 Intro to Pipe Welding 4 hrs Prerequisite: 11th or 12th grade classification	
Practicum in Manufacturing Sem II 8560 PEIMS # 13033000	1 cr	WLDG 2406 Intermediate Pipe Welding 4 hrs Prerequisite: 11th or 12th grade classification	