

# Gregory-Portland ISD

## *Dual Credit and Continuing Education Course Availability 2017-2018 School Year*

Gregory-Portland ISD strives to provide academic opportunities for all students that facilitate college and career readiness. The goal of Gregory-Portland High School is to prepare students for life after high school, whether they are pursuing employment, technical education, or college.

Currently the high school course description guide includes all dual credit and continuing education offerings leading to certification or career readiness. Clusters of offerings include pathways such as Cosmetology, Culinary Arts, Automotive, Criminal Justice, Emergency Medical Services, Fire Science, Welding, Process Technology, Electronics, Instrumentation and Health Science. These offerings are a core component of Gregory-Portland High School's post-secondary readiness initiative, and are developed only through a strong partnership with Del Mar College. Courses taken through Del Mar College are dual credit courses or continuing education.

In hopes of furthering opportunities for students who plan to continue their education after high school, Gregory-Portland continues to expand its partnership with Del Mar College to provide a wider array of academic dual credit opportunities. The dual credit program encourages wise use of time while offering a considerable financial savings when compared to earning the same credit as a traditional college student while at college away from home.

Parents and students should keep in mind that all dual credit courses offered are college-level academic or technical courses that may be taken by high school students for which they will receive high school credit and college credit simultaneously. Students and parents are responsible for meeting admission procedures, including testing, tuition, and registration deadlines. Books must be purchased by the student. High school counselors will assist students and parents, and will keep students apprised of deadlines. In addition, students dropping dual credit courses after the deadline or failing the course will be required to repay tuition and fees to G-PISD.

Dual credit courses will be offered via multiple methods, including online, onsite, and/or at participating colleges. Additional information will be provided to students at the time of registration.



Gregory-Portland High School is planning to provide dual credit enrollment opportunities for students in a variety of core courses. Student enrollment will be dependent on acceptance at Del Mar College.

### **Assessment Requirements**

Each course will have specific assessment requirements / levels that must be met before enrollment. Assessment Levels and requirements are defined below:

<b>Reading</b>			
Assessment	R1	R2	R3
TSI Assessment	Below 341	342-350	351+
ACT (R)	0-14	15-18	19+
SAT1 (Reading)	200-419	420-499	500+
<b>Writing and English</b>			
Assessment	E1	E2	E3
New TSI Assessment	Below 358 Essay 0-3	359-362 Essay 0-3	363+ and Essay 4 or Essay 5 and above
ACT (E)	0-14	15-18	19+
SAT1 (Reading)	200-419	420-499	500+
<b>Mathematics</b>			
Assessment	M1	M2	M3
New TSI Assessment	Below 335	336-349	350+
ACT (M)	13-15	16-19	20+
SAT1 (M)	311-459	460-499	500+

#### **EXEMPTIONS FROM ALL OR SOME ASSESSMENT REQUIREMENTS**

	<b>Exempt from Reading and Writing</b>	<b>Exempt from Mathematics</b>
ACT taken within 5 years from the testing date	Must be exempt from ALL parts with a composite of 23+, English 19+, AND Mathematics 19+	
SAT (taken prior to March 2016) taken within 5 years from the testing date	Must be exempt from ALL parts with a score of Reading 500+, Mathematics 500+, AND a combined total of 1070+	
SAT (taken on or after March 5, 2016) taken within 5 years from the testing date	Evidence-Based Reading and Writing (EBRW) 480+	Mathematics 530+
11 <sup>th</sup> Grade TAKS within 5 years from the testing date	ELA 2200+ with writing sample 3+	Mathematics 2200+
STAAR (EOC) for Graduates	Level 2 ENGL 3 Writing 2000+ Reading 2000+	Level 2 Algebra 2 4000+
Earned Degrees	A student who has graduated with an associate or baccalaureate degree from an accredited institution of higher learning	

## ***Application Information***

Students must complete the appropriate applications, which must be approved by the parent/guardian and the counselor/high school principal. The application file must be complete and approved by the deadline to register for a dual credit course. Students must pay registration fees by the payment deadline. All payments for registration and courses are made directly to Del Mar College, not Gregory-Portland High School.

The following links will assist in completing required application documents:

- [http://www.delmar.edu/Admissions\\_Requirements.aspx](http://www.delmar.edu/Admissions_Requirements.aspx) - Del Mar Admissions Overview
- [Coming Soon!](#) – Dual Credit Application Form
- <https://www.applytexas.org> - Apply Texas Application Form must be completed online
- <http://www.delmar.edu/meningitis/> - Information on required meningitis vaccination

## ***Transferability***

Often parents and students wonder about the transferability of credits to the institution they plan to attend after graduation. The following websites can be used as a resource in answering transferability questions:

- <http://statecore.its.txstate.edu/> - The Higher Education Coordinating Board General Core Web Center
- <http://www.tccns.org/matrix.aspx> - Texas Common Core Numbering System

## ***Important Information / Frequently Asked Questions***

1. All dual credit courses once enrolled become a part of the student's college transcript, including courses dropped after enrollment.
2. A student must obtain a course grade of 70 in a dual credit course to be awarded high school credit simultaneously. College credit can be awarded with a grade below 70, but the credit cannot be used to satisfy high school graduation requirements.
3. All grades in dual credit courses are assigned by Del Mar College faculty, not Gregory-Portland High School.
4. Students must initiate contact with Del Mar College professors, high school staff and parents are not allowed to do so.
5. Textbooks are the responsibility of the student and their parent or guardian.
6. Students enrolled in dual credit courses are subject to all rules of Del Mar College and Gregory-Portland High School.
7. Installment plan information is available on the Del Mar College website at [http://www.delmar.edu/installment\\_plan.aspx](http://www.delmar.edu/installment_plan.aspx).
8. A student's schedule cannot exceed more than 7 periods/accrual of 7 credits per day.
9. Student attendance is required even on days when Del Mar classes do not meet.

10. Students who enroll in a Career and Technology (CTE) class paid for by the district will be responsible for repaying tuition and fees if they drop the course after the drop date or fail the course at the end of the semester.

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>AUMT 1405</b> <b>Introduction to Auto Technology</b> <i>1<sup>st</sup> Year, Fall Semester</i>  Automotive Technology	An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, professional responsibilities and basic automotive maintenance. May be taught manufacturer specific.  <i>Assessment Levels: R1, E1, MO.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>AUMT 1407</b> <b>Auto Electrical Systems</b> <i>1<sup>st</sup> Year, Spring Semester</i>  Automotive Technology	An overview of automotive electrical systems including topics in operational theory, testing, diagnosis, and repair of charging and starting systems, and electrical accessories. Emphasis on electrical principles schematic diagrams, and service manuals. May be taught manufacturer specific.  <i>Assessment Levels: R1, E1, MO.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>AUMT 1410</b> <b>Auto Electrical Systems</b> <i>2<sup>nd</sup> Year, Fall Semester</i>  Advanced Automotive Technology	Operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis, and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer specific instructions.  <i>Assessment Levels: R1, E1, MO.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>AUMT 1316</b> <b>Automotive Suspension and Steering Systems</b> <i>2<sup>nd</sup> Year, Spring Semester</i> Advanced Automotive Technology	Diagnosis and repair of automotive suspension and steering systems including electronically controlled systems. Includes component repair, alignment procedures, and tire and wheel service. May be taught manufacturer specific.  <i>Assessment Levels: R1, E1, MO.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>AUMT 2301</b> <b>Automotive Management</b> <i>2<sup>nd</sup> Year, Spring Semester</i> Advance Automotive Technology	A study of human and customer relations, and customer satisfaction in the automotive service industry. Emphasis on management and building relationships between the service department and the customer.  <i>Assessment Levels: R1, E1, MO.</i>	Del Mar / 2 + 1 for travel Mon. - Friday

Course #	Course Description	Location / # Periods
<b>BIOL 1406</b> <b>Biological Concepts I: Cellular and Molecular</b> <i>Fall Semester</i>  Independent Study in Science	Provides a foundation in biological concepts <b>for students majoring in the sciences</b> . Includes fundamentals of molecular biology, cell structure and function, cellular respiration, photosynthesis, cell reproduction, genetics and biotechnology. Prerequisite: One year each of high school biology and chemistry <i>Assessment Levels: R3, E3, M2.</i>	GPHS / 2 Periods Mon., Wed, Friday
<b>BIOL 1407</b> <b>Biological Concepts II: Evolution, Diversity, Structure, Function, and Environment</b> <i>Spring Semester</i>  Independent Study in Science	Provides a foundation in biological concepts <b>for students majoring in the sciences</b> . Includes evolution, origin and history of life, classification and diversity of life; plant and animal structures, functions and life cycles; behavior, ecology and global ecology. Recommended for students majoring in the biological sciences and related disciplines. Prerequisite: BIOL 1406 <i>Assessment Levels: R3, E3, M2.</i>	GPHS / 2 Periods Mon., Wed, Friday
<b>CETT 1303</b> <b>DC Circuits</b> <i>Fall Semester</i>  Electronics	A study of the fundamentals of direct current including Ohm's law, Kirchhoff's laws and circuit analysis techniques. Emphasis on circuit analysis of resistive networks and DC measurements.  <i>Assessment Levels: R1, E1, M1</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>CETT 1305</b> <b>AC Circuits</b> <i>Spring Semester</i>  Electronics	A study of the fundamentals of alternating current including series and parallel AC circuits; phasors, capacitive and inductive networks, transformers, and resonance. Analyze AC circuits using appropriate mathematical formulas; troubleshoot various AC circuits using schematic diagrams; and apply and interpret basic principles of magnetism. Prerequisite: CETT 1303.  <i>Assessment Levels: R1, E1, M1.</i>	Del Mar / 2 + 1 for travel Mon. - Friday

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>CHEF 1305</b> <b>Sanitation and Safety</b>	A study of personal cleanliness; sanitary practices in food preparation; causes, investigation, control of illness caused by food contamination (Hazard Analysis Critical Control Points); and workplace safety standards. Assessment Levels: R2, E2 , M1.	Del Mar / 2 + 1 for travel Mon. - Friday
<b>CHEF 1301</b> <b>Basic Food Preparation</b>  <i>Fall Semester</i>  Culinary Arts	A study of the fundamental principles of food preparation and cookery to include Brigade System, cooking techniques, material handling, heat transfer, sanitation, safety, nutrition and professionalism. Assessment Levels: R1, E1, M1.	
<b>PSTR 1301</b> <b>Fundamentals of Baking</b>	Fundamentals of baking including dough, quick breads, pies, cakes, cookies and tarts. Instruction in flours, fillings and ingredients. Topics include baking terminology, tool and equipment use, formula conversions, functions of ingredients and the evaluation of baked products. Prerequisite: CHEF 1301, 1305.  <i>Assessment Levels: R1, E1, M1.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>RSTO 1313</b> <b>Hospitality Supervision</b> <i>Spring Semester</i>  Culinary Arts	Fundamentals of recruiting, selection and training of foods service and hospitality personnel. Topics include job description, schedules, work improvement, motivation and applicable personnel laws and regulations. Emphasis on leadership development.  Assessment Levels: R2, E2 , M1.	

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>CSME 1405</b> <b>Fundamentals of Cosmetology</b> <i>Fall Semester</i>  Cosmetology	A course in the basic fundamentals of cosmetology. Topics include safety and sanitation, service preparation, manicure, facial, chemical services, shampoo, haircut, wet styling, and comb out.  Required Assessment Levels Do Not Apply	Del Mar / 2 + 1 for travel Mon. - Friday
<b>CSME 1443</b> <b>Manicuring and Related Theory</b> <i>Spring Semester</i>  Cosmetology	Presentation of the theory and practice of nail services. Topics include terminology, application, and workplace competencies related to nail services.  Required Assessment Levels Do Not Apply	Del Mar / 2 + 1 for travel Mon. - Friday
<b>CSME 1310</b> <b>Introduction to Haircutting and Theory</b> <i>Fall Semester</i>  Cosmetology	An introduction to the theory and practice of hair cutting. Topics include terminology, implements, sectioning and finishing techniques.  Required Assessment Levels Do Not Apply	Del Mar / 2 + 1 for travel Mon. - Friday
<b>CSME 1244</b> <b>Introduction to Salon Development</b>   <b>SME 1248</b> <b>Principles of Skin Care</b> <i>Spring Semester</i>  Cosmetology	An overview of the procedures and operations as related to salon management. Required Assessment Levels Do Not Apply  Introduction of the theory and practice of skin care. Prerequisites: CSME 1244, 1310, 1405, 1443. Required Assessment Levels Do Not Apply	Del Mar / 2 + 1 for travel Mon. - Friday

Course #	Course Description	Location / # Periods
<p><b>CSME 1354</b> <b>Artistry of Hair Design I</b></p> <p><b>CSME 1453</b> <b>Chemical Reformation and Related Theory</b></p> <p><b>CSME 2401</b> <b>Principles of Hair Coloring</b> <i>Summer Semester</i></p> <p>Cosmetology</p>	<p>An introduction to hair design. Topics include the theory and applications of wet styling, thermal hair styling, and finishing techniques. Prerequisites: CSME 1244, 1310, 1405, 1443. Required Assessment Levels Do Not Apply</p> <p>Presentation of the theory and practice of chemical reformation including terminology, application, and workplace competencies. Prerequisites: CSME 1244, 1310, 1405, 1443. Required Assessment Levels Do Not Apply</p> <p>Presentation of the theory, practice, and chemistry of hair color. Topics include terminology, application and workplace competencies related to hair color. Prerequisites: CSME 1244, 1310, 1405, 1443. Required Assessment Levels Do Not Apply</p>	<p>Del Mar / Summer</p>
<p><b>CSME 2439</b> <b>Advanced Hair Design</b></p> <p><b>CSME 2310</b> <b>Reformation and Relate</b></p> <p><i>Fall Semester</i></p> <p>Cosmetology</p>	<p>Advanced concepts in the theory and practice of hair design. Prerequisites: CSME 1248, 1354, 1453, 2401. Required Assessment Levels Do Not Apply</p> <p>Advanced concepts and practice of haircutting. Topics include haircuts utilizing scissors, razor and/or clippers. Prerequisites: CSME 1248, 1354, 1453, 2401. Required Assessment Levels Do Not Apply</p>	<p>Del Mar / 2 + 1 for travel Mon. - Friday</p>



Course #	Course Description	Location / # Periods
<b>CSME 2337</b> <b>Advanced Cosmetology Techniques</b>  <b>CSME 2441</b> <b>Preparation for State Examination (Capstone)</b>  <i>Spring Semester</i>  Cosmetology	Mastery of advanced cosmetology techniques including hair designs, professional cosmetology services and workplace competencies. Prerequisites: CSME 1248, 1354, 1453, 2401.  Required Assessment Levels Do Not Apply  Preparation for the state licensing examination. Prerequisites: CSME 1248, 1354, 1453, 2401.  Required Assessment Levels Do Not Apply	Del Mar / 2 + 1 for travel Mon. - Friday
<b>ECO 2301</b> <b>Principles of Macroeconomics</b> <i>Fall Semester</i> <i>Online Only</i>  Economics	History, development and application of macroeconomic and microeconomic theory underlying the production, distribution and exchange of goods and services including the utilization of resources, analysis of value and prices, national income analysis, fiscal policies, monetary and banking theory and policy, distribution of income, labor problems, international economics and economics systems. Attention given to the application of economic principles to economic problems.  <i>Assessment Levels: R3, E3, M2.</i>	GPHS / 1 Period
<b>EMSP 1501</b> <b>Emergency Medical Technician</b>	Preparation for certification as an Emergency Medical Technician (EMT) - Basic. Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. Corequisite: EMSP 1160.  <i>Assessment Levels: R2, E2, M1.</i>	Del Mar / 2 + 1 for travel Mon. - Friday
<b>EMSP 1160</b> <b>Clinical</b> <i>Spring Semester</i>  Emergency Medical Technician	Health -related work-based learning experience that enables students to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Corequisite: EMSP 1501.  <i>Assessment Levels: R2, E2, M1.</i>	Del Mar / 2 + 1 for travel Mon. - Friday

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>ENGL 1301</b> <b>Composition I</b> <i>Fall Semester</i> English IV	Composition course providing instruction in the writing and analysis of expository prose; emphasis on rhetorical principles and basic organizational modes. One-hour lab required. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 1 Period Mon. - Friday
<b>ENGL 1302</b> <b>Composition II</b> <i>Spring Semester</i>  English IV	Continuation of ENGL 1301 with emphasis on the writing of analytical essays, which may include literary analysis; preparation of the investigative paper. Prerequisite: ENGL 1301. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 1 Period Mon. - Friday
<b>ENGR 1201</b> <b>Introduction to Engineering</b> 1 <sup>st</sup> Year Fall Semester  Concepts of Engineering	An introduction to engineering as a discipline and a profession. Includes instruction in the application of mathematical and scientific principles to the solution of practical problems for the benefit of society.  <i>Assessment Levels: R3, E2, M2</i>	GPHS / 1 Period Mon. – Thurs.
<b>ENGR 1304</b> <b>Engineering Graphics I</b> 1 <sup>st</sup> Year Spring Semester   Concepts of Engineering	Methods of graphical communications, working drawings for design and production, data analysis, technical reports, computer graphics. Equal emphasis on computer-assisted design and traditional mechanical drafting techniques. Prerequisite: College Algebra or Upper Level Math (See Counselor for more information).  <i>Assessment Levels: R3, E1, M3</i>	GPHS / 1 Period Mon. – Thurs.

Course #	Course Description	Location / # Periods
<b>ENGR 2304</b> <b>Programming for Engineers</b> 2 <sup>nd</sup> Year Fall Semester  Principles of Engineering	An introduction to computer programming. Emphasis on the fundamentals of structured design, development, testing, implementation, and documentation. Also, includes coverage of MATLAB and C++ language syntax, data and file structures, input/output devices, and disks/files. Application include numerical computational techniques associated with the fields of science, engineering and statistics. Prerequisites: College Algebra with a minimum grade of "B" and MATH Trigonometry with a minimum grade of "B". <i>Assessment Levels: R3, E3, M3.</i>	GPHS / 1 Period Mon. – Thurs
<b>ENGR 2308</b> <b>Engineering Economics</b> 2nd Year Spring Semester  Principles of Engineering	Methods used for determining the comparative financial desirability of engineering alternatives. Provides the student with the basic tools required to analyze engineering alternatives in terms of their worth and cost, an essential element of engineering practice. The student is introduced to the concept of the time value of money and the methodology of basic engineering economy techniques. The course will address some aspects of sustainability and will provide the student with the background to enable them to pass the Engineering Economy portion of the Fundamentals of Engineering exam. Prerequisite: MATH 2413. <i>Assessment Levels: R3, E3, M3.</i>	GPHS / 1 Period Mon. – Thurs
<b>GISC 1311</b> <b>Introduction To Geographic Information Systems</b>	Drone Technology - An introduction to basic concepts of vector Geographic Information Systems using several industry specific software programs including nomenclature, cartography and geography. Prerequisite: BIM I or Computer Science  Assessment Levels: R1, E1, M1	

Course #	Course Description	Location / # Periods
<b>GISC 2420</b> <b>Special Topics in Cartography</b>	Focus on the study of spatial data structures and the display, manipulation and analysis of geographic information. Study on the technical aspects involved in spatial data handling, analysis and modeling. Includes theories and procedures associated with the implementation and management of GIS projects. A variety of GIS software packages will be used in the laboratory. Prerequisite: Introduction to GIS  Assessment Levels: R1, E1, M1	
<b>GISC 1421</b> <b>Spatial Technology &amp; Remote Sensing</b>	Instruction in GIS data sets including raster-based information such as images or photographs, acquisition of such data, and processing and merging with vector data. Course offered only in the spring semester. Prerequisite: Introduction to GIS, Special Topics in Cartography  Assessment Levels: R1, E1, M1	
<b>GOVT 2305</b> <b>Federal Government: Federal Constitution</b> <i>Spring Semester</i>  Government	Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.  <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 1 Period Mon. - Friday
<b>HIST 1301</b> <b>US History I</b> <i>Fall Semester</i>  Independent Study in SS	Survey of the nation's colonial background, the struggle for independence and the emergence of political parties; emphasis on individualism, westward expansion, social reform and sectionalism.  <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Mon. / Wed.
<b>HIST 1302</b> <b>US History II</b> <i>Spring Semester</i>  US History	Survey of Reconstruction; the impact of industrialization, urbanization and immigration; the rise of America as a world power; the quest for economic security and for Social justice.  <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Mon. / Wed.

Course #	Course Description	Location / # Periods
<b>HPRS 1106</b> <b>Essentials of Medical Terminology</b> <i>Spring Semester</i>  Medical Terminology	Prerequisite for selected health occupations courses. A study of medical terminology, word origin, structure and application.  <i>Assessment Levels: R2, E2, M2.</i>	GPHS / 1 Period Mon. - Friday
<b>MATH 1314</b> <b>College Algebra</b> <i>Fall or Spring Semester</i>  Independent Study in Math	Fundamentals of algebra, including inequalities, functions, quadratic equations, exponential and logarithmic functions, systems of equations, determinants and instructor option of binomial theorem or progressions (or both). Prerequisite: Satisfactory score on college admission test. <i>Assessment Levels: R3, E1, M3.</i>	GPHS / 1 Period Mon. - Friday
<b>MATH 1316</b> <b>Plane Trigonometry</b> <i>Fall or Spring Semester</i>  Independent Study in Math	Trigonometric functions, identities, height and distance, equations involving trigonometric functions, solutions of triangles, area, vectors and their basic applications, and inverse functions. Prerequisite: Satisfactory score on college admission test <i>Assessment Levels: R3, E1, M3.</i>	GPHS / 1 Period Mon. - Friday
<b>MATH 1342</b> <b>Elementary Statistical Methods</b> <i>TBD Dependent on Enrollment</i> Independent Study in Math	Statistical description - frequency distributions, measures of location, variation; probability-basic rules, concepts of random variables and their distributions (including binomial and normal); statistical inference - confidence intervals, tests of hypotheses p-values, introduction to linear regression. <i>Assessment Levels: R3, E1, M3.</i>	GPHS / 1 Period Mon. - Friday
<b>MATH 2413</b> <b>Calculus I</b> <i>Spring Semester</i>  Independent Study in Math	Limits, continuity, differentiation with applications, integration, definite integral with properties, applications of integration. One hour lab required. Prerequisites: MATH 1314, 1316 or permission of Del Mar mathematics department chair. <i>Assessment Levels: R3, E1, M3.</i>	GPHS / 1 Period Mon. - Friday

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>PHIL 1301</b> <b>Introduction to Philosophy</b> <i>Spring Semester</i> Philosophy	Introduction to the study of ideas from antiquity to the present, covering such topics as knowledge, religion, ethics, reality, the meaning of life and current events. Includes introduction to the history, theories and methods of reasoning. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Tues. / Thurs.
<b>PSYC 2301</b> <b>General Psychology</b> <i>Fall Semester</i> Psychology	Survey of major topics in psychology. Introduces the study of behavior and the factors that determine and affect behavior. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Tues. / Thurs.
<b>PTAC 1302</b> <b>Introduction to Refinery Operations</b> <i>1<sup>st</sup> Year, Fall Semester</i>  <i>Process Technology I</i>	An introduction to chemical and refinery plant operations. Topics include process technician duties, responsibilities and expectations; plant organizations; plant process and utility systems; and the physical and mental requirements of the process technician. <i>Assessment Levels: R1, E1, M1.</i>	GPHS / 1 Period Mon. – Thurs.
<b>PTAC 1308</b> <b>Safety, Health and Environment I</b> <i>1<sup>st</sup> Year, Spring Semester</i>  <i>Process Technology I</i>	Development of knowledge and skills to reinforce the attitudes and behaviors required for safe and environmentally sound work habits. Emphasis will be on safety health and environmental issues in the performance of all job tasks and regulatory compliance issues. <i>Assessment Levels: R1, E1, M1.</i>	GPHS / 1 Period Mon. – Thurs.
<b>PTAC 1410</b> <b>Refinery Operations I</b> <i>2<sup>nd</sup> Year, Fall Semester</i> <i>Process Technology II</i>	Instruction in the use of common process equipment. Prerequisite: PTAC 1302. <i>Assessment Levels: R1, E1, M1.</i>	GPHS / 1 Period Mon. – Thurs.
<b>PTAC 2420</b> <b>Refinery Operations II: Systems</b> <i>2<sup>nd</sup> Year, Spring Semester</i> <i>Process Technology II</i>	A study of the interrelation of process equipment and process systems including related scientific principles. Prerequisites: PTAC 1410 and 1332. <i>Assessment Levels: R1, E1, M1.</i>	GPHS / 1 Period Mon. – Thurs.
<b>SOCI 1301</b> <b>Introduction to Sociology</b> <i>Spring Semester</i> Sociology	Introduction to the concepts and principles used in the study of group life, social institutions, and social processes. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Tues. / Thurs.

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>SPCH 1315</b> <b>Fundamentals of Public Speaking</b> <i>Fall Semester</i>  Public Speaking/Speech	Introductory course in theories and practices of speech communication behavior in public communication situations. Includes listener and audience analysis with an emphasis on research, organization and delivery of informative and persuasive presentations. Prerequisite: Successful completion of developmental English and Reading courses. <i>Assessment Levels: R3, E3, M1.</i>	GPHS / 2 Periods Tues. / Thurs.
<b>WLDG 1407</b> <b>Introduction to Welding Using Multiple Processes</b> <i>1<sup>st</sup> Year, Fall Semester</i> Welding I	Basic welding techniques using some of the following processes: Oxy-fuel welding (OFW) and cutting, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), and gas tungsten arc welding (GTAW). Co-requisite: Must take with WLDG 1521.  Required Assessment Levels Do Not Apply	GPHS / 2 Periods Mon. - Friday
<b>WLDG 1323</b> <b>Welding Safety, Tools, and Equipment</b> <i>1<sup>st</sup> Year, Fall Semester</i>  Welding I	An introduction to welding careers, equipment and safety practices, including OSHA standards for industry.  Required Assessment Levels Do Not Apply	GPHS / 2 Periods Mon. - Friday
<b>WLDG 1521</b> <b>Welding Fundamentals</b> <i>1<sup>st</sup> Year, Spring Semester</i>  Welding I	An introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding processes and basic metallurgy. Co-requisite: Must take with WLDG 1407  Required Assessment Levels Do Not Apply	GPHS / 2 Periods Mon. - Friday
<b>TECM 1301</b> <b>Industrial Mathematics</b> <i>1<sup>st</sup>/2<sup>nd</sup> Year, Maymester or Summer Semester</i> Welding I and Welding II	Math skills applicable to industrial occupations. Includes fraction and decimal manipulation, measurement, percentage, and problem solving techniques for equations and ratio/proportion applications.  Required Assessment Levels Do Not Apply	GPHS / 1 Period Mon. - Friday

<b>Course #</b>	<b>Course Description</b>	<b>Location / # Periods</b>
<b>COMG 1391</b> <b>Special Topics in Communications, General</b> <i>1<sup>st</sup>/2<sup>nd</sup> Year, Maymester or Summer Semester</i>  Welding I and Welding II	Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.  Required Assessment Levels Do Not Apply	GPHS / 1 Period Mon. - Friday
<b>WLDG 1435</b> <b>Introduction to Pipe Welding</b> <i>2<sup>nd</sup> Year, Fall Semester</i>  Welding II	An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on Weld positions 1G and 2G using various electrodes. Co-requisite: Must take with WLDG 1557.  Required Assessment Levels Do Not Apply	GPHS / 2 Periods Mon. - Friday
<b>WLDG 1557</b> <b>Intermediate SMAW</b> <i>2<sup>nd</sup> Year, Spring Semester</i>  Welding II	An introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding processes and basic metallurgy. Co-requisite: Must take with WLDG 1435.  Required Assessment Levels Do Not Apply	GPHS / 2 Periods Mon. - Friday

\*\*In some cases within content areas, a specific course sequence will be required. Successful completion of specified courses in the Fall semester will determine eligibility for Spring enrollment.



### Scheduling Notes

Students are encouraged to maximize their schedule by enrolling for dual credit courses that can be paired. See below for an example student schedule:

Fall Semester					
Schedule	Monday	Tuesday	Wednesday	Thursday	Friday
9:05-10:25 am	BIOL 1406	ECON 2301	BIOL 1406	ECON 2301	BIOL 1406 Lab
10:40 am-12:00 pm	ENGL 1301	PSYCH 2301	ENGL 1301	PSYCH 2301	COLLEGE LAB
Spring Semester					
Schedule	Monday	Tuesday	Wednesday	Thursday	Friday
9:05-10:25 am	BIOL 1407	PHIL 1301	BIOL 1407	PHIL 1301	BIOL 1407 Lab
10:40 am-12:00 pm	ENGL 1302	SPCH 1315	ENGL 1302	SPCH 1315	COLLEGE LAB

### Continuing Education for Health Science

Course #	Course Description	Location / # Periods
<b>PEIMS # 130204000</b>  <b>Medical Terminology and Medical Law and Ethics</b>  <i>1<sup>st</sup> Year, Fall Semester</i>  Health Science	Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties, and diagnostic procedures. Principles, procedures, and regulations governing the legal and ethical relationships among physicians, patients, and health care professionals. Includes ethical issues related to the various healthcare professions and patient confidentiality.	GPHS / 1 Period Mon. - Friday

Course #	Course Description	Location / # Periods
<p><b>PEIMS # 130204000</b></p> <p><b>Electrocardiography and Health Unit Coordinator</b></p> <p><i>1<sup>st</sup> Year, Spring Semester</i></p> <p>Health Science</p>	<p>Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. Fundamentals of cardiovascular anatomy and physiology are covered.</p>	<p>GPHS / 1 Period Mon. - Friday</p>
<p><b>PEIMS # 13020500</b></p> <p><b>Phlebotomy and Clinical</b></p> <p><i>2<sup>nd</sup> Year, Fall Semester</i></p> <p>Health Science</p>	<p>Skill development in the performance of a variety of blood collection methods using proper techniques and standard precautions. Includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture and specimen collection on adults, children, and infants. Emphasis on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. The clinical portion of this course will include a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision provided by the clinical professional.</p>	<p>GPHS / 2 Periods Mon. - Friday</p>

## Continuing Education for Health Science

Course #	Course Description	Location / # Periods
<b>PEIMS #</b> <b>13020500</b>  <b>Nurse Aid for Health Care and Clinical</b>  <i>2<sup>nd</sup> Year, Spring Semester</i>  Health Science	Preparation for entry level nursing assistants to achieve a level of knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include resident's rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis on effective interaction with members of the health care team. The clinical portion of this course will be a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. *Students will be responsible for additional supplies and materials required by the instructor.	GPHS / 2 Periods Mon. - Friday

## **Gregory-Portland High School**

### *Dual Credit and Continuing Education Parent Night Attendance Verification*

In order to insure all potential dual credit students and parents are informed about all program requirements, attendance is required at a Del Mar Dual Credit Parent Informational Meeting.

By initialing my method of attendance and signing below, I verify that I have received all of the necessary information to support my student in being successful in a dual credit program.

I attended the Del Mar Dual Credit Meeting:

\_\_\_\_\_ Monday, January 30, 2017

OR

\_\_\_\_\_ I have watched the recording/PowerPoint of the meeting by accessing the video on the GPHS website.

\_\_\_\_\_  
Parent/Guardian Signature and Date

\_\_\_\_\_  
Student Signature and Date

\_\_\_\_\_  
Print Name

**Return this form to the College & Career Counselor by May 15, 2017.**

