



DUAL CREDIT

DUAL CREDIT COURSE DESCRIPTIONS and LEARNING OUTCOMES

Each course is listed alphabetically as it appears in Drury's Academic Catalog. This document provides the course code, name of course, the number of credit hours, a description of the course, the learning outcomes, and the cost.

If a high school would like to offer SEATED Dual Credit courses at their high school, please contact Beth Nation, Director of the Drury University Dual Credit Program. Email: enation@drury.edu or Phone: 417.873.7676

Please note the column of how the course is offered (the course MODE).

- Dual Credit courses may be offered ONLINE, they may be offered SEATED at high schools, or they may be offered both ONLINE and/or SEATED at high schools.
- Dual Credit courses may be offered SEATED at high schools if the teacher has a master's degree in the subject area and is approved through Drury University, per HLC (Higher Learning Commission) requirements.
- All Drury University adjunct instructors, either ONLINE or SEATED, are approved through Drury University per HLC (Higher Learning Commission) requirements.

Cost:

- The cost for Dual Credit courses depends on how the student takes the course.
 - ONLINE courses are \$90/CH, total is \$270 unless otherwise noted
 - some math & science courses are 4 CH
 - SEATED courses are \$70/CH, total is \$210
- There is an additional textbook fee for ALL MATH courses and PHYS 100.
 - Students must purchase an ONLINE textbook through Pearson MyMathLab for all online Dual Credit math courses. Math textbook information is in the course syllabus for each course.
 - Students must purchase an ONLINE textbook for PHYS 100. Please see the course syllabus for additional information.

Course Code & Name	Credit Hours	Course Description	Learning Outcomes	ONLINE	SEATED
ACCT 209 Principles of Accounting	3	Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures; receivables, inventories and fixed assets.	LO1: Students will be able to complete all steps in the accounting cycle to produce an income statement, statement of retained earnings, and balance sheet. (Analytical) LO2: Students will understand the importance of accounting's role in business. (Analytical) LO3: Students will be able to identify the role of cash in a business and employ internal controls over cash. (Analytical) LO4: Students will be able to use accounting methodologies to determine the correct management of fixed assets, including depreciation calculations and the management of current assets, and current liabilities. (Analytical) LO5: Students will be able to distinguish between accounting for corporations versus sole proprietorships and will be able to correctly count for stock, dividends, and equity. (Analytical)		X \$210.00
ARTZ 123 Drawing	3	Students will work in a variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing.	LO1: Draw a variety of forms and space accurately, without unintentional distortion. LO2: Draw using a range of media, demonstrating the ability to manipulate each. LO3: Draw using a variety of approaches and techniques LO4: Demonstrate an understanding of the basic concepts, principles and techniques of drawing (through verbal/written analysis and through work). LO5: Demonstrate an understanding of composition, line, value, and proportion (through verbal/written analysis and through work). LO6: Participate in drawing critique and discussion using appropriate terminology.		X \$210.00

ARTZ 240 Ceramics I	3	Exploration of hand building and wheel techniques and basic principles of glazing. Course fee required.	<p>LO1: Demonstrate a commitment to personal expression, conceptual development, and an understanding of aesthetic and critical valuation.</p> <p>LO2: Demonstrate the ability to sketch and then translate a two-dimensional idea into a three-dimensional form.</p> <p>LO3: Utilize a multi-step approach to creatively solve projects and fulfill student's goals (Sketches, research, models, glaze/textural samples).</p> <p>LO4: Demonstrate a proficiency in understanding and utilizing ceramic specific terminology.</p> <p>LO5: Utilize critical thinking and verbal skills to discuss the work of others and one's own.</p> <p>LO6: Demonstrate a proficiency in using and manipulating clay through hand building and wheel techniques.</p> <p>LO7: Be able to safely and effectively use studio equipment such as slab roller, power drill, extruder, potter wheels and heat gun.</p>		X \$210.00
BIOL 100 Principles of Biology	3	This course provides an introduction to basic scientific terminology, biology, and chemistry. It is designed to prepare students for more rigorous science curriculum. Will not satisfy biology major requirements. General education requirement for non-science majors.	<p>LO1: Describe how the process of evolution drives the diversity and unity of life.</p> <p>LO2: Explain how biological systems interact, and how these systems and their interactions possess complex properties.</p> <p>LO3: Explain how biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.</p> <p>LO4: Describe how living systems store, retrieve, transmit, and respond to information essential to life processes.</p>	X \$270.00	

BIOL 106 Conservation Theory and Management	3	A study of our natural resources, current status, future prospects, development of the past compared to present practices. A review of outstanding conservationists and their ideas.	<p>LO1: Present knowledge on the complex issues associated with the conservation and management of natural resources</p> <p>LO2: Identify a selection of tools/techniques for conserving and managing natural resource</p> <p>LO3: Analyze environmental issues associated with natural resources at spatial scales</p> <p>LO4: Explain the concept of sustainability</p> <p>LO5: Review case studies to survey the possibilities and the problems of applying conservation principles in the real world</p> <p>LO6: Explain the concepts of responsible environmental decision-making</p>		X \$210.00
BIOL 111 General Biology I	4	An introduction to the cellular, genetic, ecological, and evolutionary principles	LO1: Demonstrate understanding of the principles of cellular life.		X \$280.00

		fundamental to all of biology. The laboratory portion includes an introduction to the laboratory methods and techniques necessary to understand the fundamental principles of biology.	LO2: Demonstrate understanding of the principles of genetic inheritance and molecular genetics. LO3: Demonstrate understanding of the principles of evolution, including micro and macroevolutionary processes. LO4: Demonstrate understanding of the principles of ecology.		
BIOL 130 Intro to Bio-Medical Sciences	3	Biology 130 will teach students the basic biological principles of nutrition, pathophysiology, microbiology, pharmacology, and control of infectious disease as it relates to health and disease in humans.	LO1: To examine nutrients and their role in human health. LO2: To discuss basics of pathophysiology. LO3: To survey microorganisms related to human health and disease. LO4: To introduce the fundamental principles of epidemiology, pathogenesis, and control of infectious disease. LO5: To discuss the activities and effects of pharmacological agents including antimicrobial drugs.	X \$270.00	

BIOL 163 Science of the Environment	3	This course affords an opportunity to investigate environmental issues from a scientific perspective. Processes of the scientific method and information/data from the primary literature will be used to discuss modern environmental problems. Students will analyze modern environmental issues from this scientific perspective to discover relevant variable, trends in the data, and possible solutions to the issues.	LO1: Provide insights into those biological systems in general and specifically how research has increased our understanding of the impacts of historic and modern environmental problems. LO2: Understand the variables causing the problems will converge with discussions of possible solutions to those problems.		X \$210.00
BIOL 245 Intro to Human Nutrition	3	A study of the essential nutrients and their value in the various food groups, their functions in the body, and how to determine the food needs of the individual.	LO1: Introduce basic concepts of nutrition LO2: Become familiar with the basic groups of nutrients and their role in nutrition LO3: Learn functions of the vitamins and minerals in good nutrition LO4: Understand the social and psychological aspects of nutrition LO5: Examine problems with distribution of food on a worldwide basis	X \$270.00	

<p>BIOL 250 Found. of Medical Terminology</p>	<p>3</p>	<p>This course examines the various aspects of medical terminology including word origins, definitions, spelling and pronunciation.</p>	<p>LO1: To develop an understanding of the historical meanings (origins) of terms used in the medical community. LO2: To demonstrate how prefixes, root words (combining forms) and suffixes may be used to maximize the efficiency of communications in the clinical setting. LO3: To teach the principles of anatomy and physiology so that students can accurately construct words to describe clinical conditions and procedures. LO4: To increase an appreciation for the complexity of the language of medicine so that each student will develop an ability to communicate efficiently and effectively with the various professionals in the healthcare industry.</p>	<p>X \$270.00</p>	
<p>CHEM 108 General Chemistry II</p>	<p>4</p>	<p>A continuation of CHEM 107, solutions, electrochemistry and chemical equilibrium. Laboratory devoted to solution phenomena including semi-micro qualitative analysis. Three lectures and one laboratory period.</p>	<p>LO1: Use the gas laws and basics of the Kinetic Molecular Theory to solve gas problems LO2: State the characteristics of liquids and solids, including phase diagrams LO3: Articulate the importance of intermolecular interactions and predict trends in physical properties. LO4: Determine the role of energy in physical changes and chemical reactions LO5: Analyze and perform calculations with the thermodynamic functions of enthalpy, entropy, and free energy. LO6: Identify the characteristics of acids, bases, and salts, and solve problems based on their quantitative relationships</p>		<p>X \$280.00</p>

CHEM 115 Principles of Chemistry	3	A lecture course that covers general chemistry concepts and introduces topics to be covered in more detail in the foundational courses. Topics include percent composition, stoichiometry, balancing equations, limiting reagent, thermodynamics, periodic table trends and nomenclature.	LO1: Develop and apply qualitative and quantitative techniques to solve problems related to chemical structure, stoichiometry, and energy. LO2: Formulate and devise strategies for solving chemical-physical problems from an understanding of how energy and entropy govern chemical systems. LO3: Evaluate, interpret, and predict chemical behavior based on an enhanced understanding of periodicity and the underlying electronic structure of the elements.		X \$210.00
CHEM 115-L Principles of Chemistry Laboratory	2	A laboratory course that introduces the student to laboratory equipment and techniques they will use later in the curriculum. Topics and techniques include stoichiometry, making solutions, building apparatuses and exposure to equipment. There will be an emphasis placed on how to keep a proper lab notebook. This course is designed to augment CHEM 115.	LO1: Apply fundamental theories and concepts taught in general chemistry course to the laboratory; LO2: Apply fundamental chemistry laboratory techniques to specific experiments; LO3: Communicate the results and details of experimentation in writing.		X \$140.00
COMM 208 Introduction to Argumentation and Debate	3	This course helps students develop the foundational knowledge and skills needed to become effective critical thinkers and communicators. Students will examine different types of argument structures and logical fallacies, learn how to evaluate and use evidence in constructing persuasive cases, and develop skill in refuting claims orally and in writing. Readings, discussions, and case studies will explore the interconnectedness between argumentation strategies and communication context. This course prepares students for participation in competitive debate experiences and other public advocacy roles.	LO1: Sharpen their critical thinking skills by creating and participating in structured argument. LO2: Learn how to research in support of an argument, compose sound and logical arguments, and present those arguments orally and in writing. LO3: Be able to persuasively make a case and better understand the formal and informal arguments used daily.		X \$210.00
COMM 211 Presentational Speaking	3	Principles and practice of effective oral communication. This course focuses on researching, composing, and delivering formal and informal presentations. Topics include ethics and public speaking, listening, research, analyzing and adapting to audiences, message construction, outlining, delivery of messages, effective use of visual aids, and critically evaluating public address. The course emphasizes informative and persuasive speaking. Designed for students who seek to improve speaking and critical thinking skills.	LO1: Design and deliver effective, creative verbal and nonverbal presentations following audience-centered awareness. LO2: Demonstrate understanding of, and competency in, information and media literacy. LO3: Exhibit the ability to critically and creatively analyze arguments made by small groups, organizations and mass media. LO4: Demonstrate understanding of, and competency in, the use of presentation software.	X \$270.00	X \$210.00

<p>COMM 216 Multimedia Storytelling</p>	<p>3</p>	<p>Students will learn about linear, integrated, and nonlinear storytelling approaches using multiple multimedia formats, including short-form video/animation, photo stories, and Web posts. Students will develop individual projects, one for each medium, as well as an integrated project over the course of the semester. This foundational course will expose students to basic video/animation and photo editing, Web design, and storyboarding.</p>	<p>LO1: Understand the fundamentals of framing images for still photography or videography. Think about Web technologies as a foundation for online storytelling. LO2: Develop an experimental approach to telling stories using a variety of media.</p>	<p>X</p>	<p>\$210.00</p>
<p>CRIM 104 Ethics in Criminal Justice</p>	<p>3</p>	<p>A study of ethical thoughts and issues facing the criminal justice professional. Topics include constitutional ethics and professional code of conduct.</p>	<p>LO1: Describe the characteristics and moral implications of primary sources of criminal justice ethics, including natural law, religion, constitutional and legal provisions, philosophical theories, and professional codes of ethics. LO2: Discuss professionalism, integrated thinking, and moral agility as related to the role of ethics in criminal justice management. LO3: Identify and discuss ethical dilemmas that pervade the criminal justice system, such as lying and deception, racial prejudice/discrimination, and abuse of authority. LO4: Identify and discuss routine ethical dilemmas experienced by employees in policing, corrections, and probation and parole. LO5: Discuss strategies for achieving a serviceable and ethics model of justice.</p>	<p>X \$270.00</p>	

<p>CRIM 120 Principles of Criminal Justice</p>	<p>3</p>	<p>A survey course designed to familiarize students with the American system of criminal justice, theories of crime causation, and society's response to crime. The course provides a general overview of the agencies responsible for the administration of justice by examining the history, structure, and functions of law enforcement, the judicial system, and corrections.</p>	<p>LO1: Describe how crime is defined and how criminal cases are processed through the justice system. LO2: Distinguish between criminal justice concepts (e.g., misdemeanors/felonies, jails/prisons, and probation/parole). LO3: Demonstrate an understanding of substantive and procedural criminal law. LO4: Describe and critique the primary sources of crime data used in the United States. LO5: Demonstrate knowledge of widely utilized theories of crime causation. LO6: Understand the history of policing and of the roles and responsibilities of those involved in law enforcement. LO7: Discuss the dual court system, the courtroom workgroup, and trial/trial-related processes. LO8: Discuss and critique the goals of punishment, sentencing structures, and sanctions commonly utilized in the United States.</p>	<p>X \$270.00</p>	
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<p>ENGL 150 Composition</p>	<p>3</p>	<p>Writing course designed to develop students' abilities to write in a variety of modes for a wide range of purposes.</p>	<p>LO1: Develop proficiency in written expression. LO2: Examine and practice persuasive techniques and related skills in structuring an argument. LO3: Develop written expression, especially in terms of clarity and coherence. LO4: Improve skills in analyzing written texts, with an eye toward understanding the traits of high-quality writing. (This is a core-writing competency that will be further developed in ENGL 207.) LO5: Gain skills in drafting, revising, and editing. (This is a core-writing competency that will be further developed in ENGL 207.)</p>	<p>X \$270.00</p>	<p>X \$210.00</p>
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ENGL 200 Literature Matters	3	One of three foundational courses for majors and potential majors in English, Literature Matters introduces students to a central set of problems in contemporary literary studies (for example, Identity and Empire, Shakespeare to Ondaatje). The course includes important canonical works as well as neglected or emerging writers. There is a focus on how to read and understand literature; how reading and writing literature influence identity, meaning, and value; and how to develop strategies for reading, discussing, and writing about literary works. Attention is also given to narrative structure.	LO1: Introduce students to a central set of problems in contemporary literary studies. LO2: Identify and interpret what makes a work literary. LO3: Examine how reading and writing literature influence identity, meaning and value LO4: Develop strategies for close reading and textual analysis.	X \$270.00	
ENGL 201 British Literature I: Medieval through 18 th Century	3	Students discuss canonical texts of early British writing, with particular attention to close-reading and appreciation. The course often pursues a single theme, genre, or motif through the readings.	LO1: Gain a broader understanding of an appreciation for literature, and of British literature specifically written before the nineteenth century in particular. LO2: Develop skills in expressing yourself in writing. LO3: Practice the process of close reading, or the detailed literary analysis of different forms (genres) of literature. LO4: Receive an introduction to the fundamentals of what we do in English literature classes at Drury so that you will develop a foundation on which to grow.	X \$270.00	X \$210.00
ENGL 202 British Literature II: 19 th Century through Present	3	This course introduces students to major writings from the past 200 years of British writing, with particular attention to close reading and appreciation. The course often pursues a single theme, genre or motif through the readings.	LO1: Gain a broader understanding of an appreciation for literature, and of British literature specifically written after 1785. LO2: Develop skills in expressing yourself in writing. LO3: Practice the process of close reading, or the detailed literary analysis of different forms (genres) of literature. LO4: Receive an introduction to the fundamentals of what we do in English literature classes at Drury so that you will develop a foundation on which to grow.	X \$270.00	X \$210.00

<p>ENGL 207 Expository Writing (Best paired with ENGL 150 for both Comp I and II transfer credit.)</p>		<p>Expository writing provides the students with valuable opportunities to write in a wide variety of modes of nonfiction, including narrative essays, film and book reviews, cultural analyses and journalistic essays. Students read and discuss published nonfiction and participate in workshops where they respond to one another's writing in small groups. The workshop format allows students to respond to issues of form, purpose, voice, and audience.</p>	<p>LO1: Improve skills in analyzing written texts, with an eye toward understanding the traits of high-quality writing. LO2: Gain skills in drafting, revising, and editing. LO3: Develop thoughts and ideas into an interesting, and coherent essay. LO4: Improve punctuation and grammar usage, sentence structure, and diction. LO5: Analyze the arguments of others by learning how to summarize and respond to those arguments. LO6: Learn how to locate and use academic sources. LO7: Learn how to participate in larger conversations about ideas, both in the classroom and the larger academic world.</p>	<p>X \$270.00</p>	<p>X \$210.00</p>
<p>ENGL 266 Creative-Writing I: Fiction</p>	<p>3</p>	<p>Students learn techniques for and practice in writing fiction. The course focuses on student workshops.</p>	<p>LO1: Learn techniques for and have practice with writing fiction. LO2: Learn how to develop and integrate character, plot, theme, and setting in the craft of writing fiction. LO3: Practice writing and revising a mix of short fiction, flash fiction, fiction set in a historical context, and experimental fiction. LO4: Practice peer-editing, offering constructive feedback, and participating in workshop.</p>	<p>X \$270.00</p>	
<p>ENGL 268 Creative-Writing I: Nonfiction</p>	<p>3</p>	<p>Students learn techniques for and practice writing nonfiction.</p>	<p>LO1: Strengthen writing skills through a variety of prose forms. LO2: Gain an understanding of what it means to be creative. LO3: Enhance their knowledge of contemporary writers and their practice. LO4: Engage in critical thinking in narrative analysis and in a variety of modes of composition, revision and critique.</p>	<p>X \$270.00</p>	

FREN 101 Elementary French I	3	<i>For beginners.</i> Designed to develop, with FREN 102, an elementary proficiency in French. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides an introduction to the cultures and cultural practices of the French-speaking world.	LO1: Students will increase their proficiency in the four language skills: speaking, listening, reading, and writing. That is, they will increase the number of things they are able to do with the French language. LO2: Students will learn grammatical structures. That is, they will learn about the French language. LO3: Students will develop their intercultural communicative competence by learning the language and culture of the French-speaking world.	X \$210.00
FREN 102 Elementary French II	3	A continuation of FREN 101, designed to continue the development of an elementary proficiency for producing and comprehending the French language. This course provides instruction for and assesses students' reading, writing, speaking, listening and develops students' knowledge of the cultures and cultural practices of the French-speaking world.	LO1: Students will increase their proficiency in the four language skills: speaking, listening, reading, and writing. That is, they will increase the number of things they are able to do with the French language. LO2: Students will learn grammatical structures. That is, they will learn about the French language. LO3: Students will develop their intercultural communicative competence by learning the language and culture of the French-speaking world.	X \$210.00
FREN 201 Intermediate French III	3	Designed to develop, with FREN 202, a more advanced proficiency in French. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides a continuation of study of the cultures and cultural practices of the French-speaking world.	LO1: Students will increase their proficiency in the four language skills: speaking, listening, reading, and writing. That is, they will increase the number of things they are able to do with the French language. LO2: Students will learn grammatical structures. That is, they will learn about the French language. LO3: Students will develop their intercultural communicative competence by learning the language and culture of the French-speaking world.	X \$210.00
FREN 202 Intermediate French IV	3	A continuation of FREN 201, designed to continue the development of a more advanced proficiency in French. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides a continuation of study of the cultures and cultural practices of the French-speaking world.	LO1: Students will increase their proficiency in the four language skills: speaking, listening, reading, and writing. That is, they will increase the number of things they are able to do with the French language. LO2: Students will learn grammatical structures. That is, they will learn about the French language. LO3: Students will develop their intercultural communicative competence by learning the language and culture of the French-speaking world.	X \$210.00

<p>GSTU 212 Foundations of College Success & Digital Literacy</p>	<p>3</p>	<p>This course focuses on helping students excel in college by integrating university resources and digital literacy skills. From using the learning management system and library effectively to developing study strategies and safeguarding personal data, students will learn skills to help efficiently maneuver their academic and personal lives. Topics include growth mindset cultivation, ethical AI use, and basic cybersecurity practices. Students will design personalized action plans and engage with tools to overcome academic challenges, ensuring they are prepared for lifelong learning and professional success.</p>	<p>LO1: Cultivate a Growth Mindset by applying reflective practices and digital tools to create solutions for academic and real-world challenges, improving adaptability and lifelong learning. LO2: Leverage academic resources, tools, and university services to manage academic challenges and support ongoing college success. LO3: Design a comprehensive personal action plan that incorporates time management, study strategies, digital tools, and academic goals to enhance productivity and success. LO4: Demonstrate responsible digital citizenship by applying cybersecurity strategies and digital literacy skills to protect personal, academic, and professional digital identities. LO5: Utilize AI and other digital tools to enhance learning, solve problems, and distinguish between ethical and unethical uses of technology in personal, academic, and professional contexts. LO6: Explore career readiness and professional development tools to develop ethical decision-making and leverage technology responsibly in professional contexts.</p>	<p>X \$270.00</p>	<p>X \$210.00</p>
<p>HIST 101 US History to 1865</p>	<p>3</p>	<p>A broad survey of the major political and social developments from the time of Columbus to the Civil War.</p>	<p>LO1: Understand the institutional structures and rules that have historically distributed authority in U.S. society. LO2: Understand the active role that U.S. citizens have played in influencing public policies LO3: Develop critical skill sets by training you to read, think, speak, and write like a historian. While useful for this class, these skills also have wide applicability in other college courses, in the labor market, and in your civic and personal lives. LO4: Acquire a broad appreciation for early North American history.</p>	<p>X \$270.00</p>	<p>X \$210.00</p>

HIST 102 US History 1865-Present	3	A broad survey of the major political and social developments from the Civil War to the present.	LO1: Understand the institutional structures and rules that have historically distributed authority in U.S. society. LO2: Understand the active role that U.S. citizens have played in influencing public policies. LO3: Develop critical skill sets by training you to read, think, speak, and write like a historian. While useful for this class, these skills also have wide applicability in other college courses, in the labor market, and in your civic and personal lives. LO4: Acquire a broad appreciation for modern United States history.	X \$270.00	X \$210.00
HIST 107 W History to 1500	3	A survey of world history with a focus on the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence.	LO1: Understand the events of world history to 1500. LO2: Learn to recognize and analyze different historical viewpoints. LO3: Increase information literacy of academic resources. LO4: Chart the major events of world history and interpret their importance. LO5: Gain a cursory understanding of Chicago style.	X \$270.00	X \$210.00
HIST 108 W History from 1500	3	A broad survey of world history from 1500 to present. Exploration of various modern world cultures with a focus on connections and conflicts between them.	LO1: Understand the events of world history from 1500 to the present. LO2: Learn to recognize and analyze different historical viewpoints. LO3: Increase information literacy of academic resources. LO4: Chart the major events of world history and interpret their importance. LO5: Gain a cursory understanding of Chicago style.	X \$270.00	X \$210.00
HIST 230 Modern Europe	3	This course will examine European history from 1650 to the present, focusing on key historical developments such as absolutism and the state, the scientific revolution and Enlightenment, revolution, and ideologies of race and empire, nationalism, liberalism, and socialism. Addresses the emergence of fascism, communism and the Cold War. Also considers the effects of these developments on the wider world.	LO1: Examine major ideologies, events, and individuals that influenced modern Europe and the world [i.e., Slavery, Enlightenment, Revolution, Marxism, Suffrage, Holocaust, Industrialization, Imperialism], and find links to the present [gender, human rights, anti-Semitism, authoritarianism, socialism]. LO2: Examine individuals who critiqued societal norms [Voltaire, Austen, Wiesel, et. al]. LO3: To empathize and better understand lived experience by focusing on real people—men, women, the oppressed, WWI soldiers, Jews, etc. LO4: To critically read primary sources and build interpretive skills, such as writing, to interpret the past. LO5: To link Modern European cities and peoples to its past history through final project.		X \$210.00

LDST 101 Found. Of Organizational Leadership	3	General introduction to, and analysis of, historical and current theories of leadership. Study of leadership process involving interaction of leaders and followers in organizational settings such as public/private, profit and nonprofit.	LO1: Define the characteristics of effective leaders. LO2: Explain the history and foundations of modern leadership. LO3: Assess your personal leadership style, abilities and skills. LO4: Describe leadership skills and vision. LO5: Explain the importance of attitude, communication and self-confidence in organizational relations. LO6: Describe the importance of change and development for leadership success.	X \$270.00	X \$210.00
LDST 102 Project Management	3	The course covers key components of project management including project integration, project scope management, project time and cost management, risk management, quality management, human resource considerations, and procurement management.	LO1: Identify required and available resources for any project. LO2: Create a plan for implementing the logistics of a project. LO3: Create an evaluation to measure project success.	X \$270.00	X \$210.00
MATH 100 Intermediate Algebra	3	The traditional topics of intermediate algebra through quadratic equations and functions.	LO1: Perform operations on real numbers and algebraic expressions. LO2: Solve linear equations and inequalities in one variable and graph the solutions. LO3: Graph linear equations and inequalities in two variables. LO4: Solve systems of equations. LO5: Perform operations on polynomials. LO6: Perform operations on rational expressions. LO7: Perform operations on radical expressions. LO8: Apply problem-solving techniques to application problems in various areas of interest.	X \$270.00 Student must purchase the online text through Pearson MyMathLab. Linked in Course Syllabus.	

MATH 109 College Algebra	3	A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.	LO1: Solve equations and inequalities. LO2: Graph equations of lines and quadratic functions. LO3: Perform operations on functions. LO4: Solve polynomial functions by factoring, completing the square, and using the quadratic formula. LO5: Solve systems of equations and inequalities. LO6: Solve exponential and logarithmic equations using logarithmic properties and a calculator.	X \$270.00 Student must purchase the online text through Pearson MyMathLab. Linked in Course Syllabus.	X \$210.00
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MATH 110 Trigonometry	3	A study of trigonometric, logarithmic and exponential functions and their applications.	LO1: Perform exponential and logarithmic functions. LO2: Perform trigonometric functions. LO3: Perform analytic trigonometry. LO4: Apply trigonometry functions.	X \$270.00 Student must purchase the online text through Pearson MyMathLab. Linked in Course Syllabus.	X \$210.00
MATH 211 Precalculus	4	This course is designed to prepare students for Calculus I. It covers a variety of topics from algebra, with emphasis on the development of rationale, exponential, logarithmic, and trigonometric functions including their essential properties, graphs, and basic applications. Additional topics range from linear systems to conic sections.	LO1: Demonstrate the fundamental skills from algebra necessary for success in Calculus. LO2: Understand what polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions are; and have some working knowledge of what can be done with them and why they are important. LO3: Understand functions abstractly in the way necessary for success in Calculus. LO4: Use functions appropriately for modeling in several real-world applications. LO5: Generally, students should be prepared for Calculus I.	X \$360.00 Student must purchase the online text through Pearson MyMathLab. Linked in Course Syllabus.	X \$280.00
MATH 227 Intro to Statistics	3	A course to acquaint the student with the basic ideas and language of statistics including such topics as descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimations, test of hypotheses, and analysis of variance.	LO1: Determine reliable and unreliable methods of collecting data and utilizing data to make decisions. LO2: Understand and use probabilities of events and probability distributions of random variables. LO3: Recognize the normal probability distribution and apply it appropriately. LO4: Construct and interpret confidence intervals. LO5: Demonstrate the ability to formulate real-world problems in the form of statistical hypotheses and then proceed through the stages of a hypothesis test to reach a valid conclusion. LO6: Understand basic ideas of linear correlation and regression.	X \$270.00 Student must purchase the online text through Pearson MyMathLab. Linked in Course Syllabus.	X \$210.00
MATH 231 Calculus I	4	A study of the fundamental principles of analytic geometry and calculus with an emphasis on differentiation.	LO1: Master basic ideas, terminology, and calculational techniques of single-variable differential calculus. LO2: Demonstrate the ability to apply limits, derivatives, and antiderivatives to at least some real-world situations. LO3: Learn the rudiments of the logical structure connecting major calculus results.	X \$360.00 Student must purchase the online text through Pearson MyMathLab.	X \$280.00

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MUSC 115 Intro to Music	3	This is an introductory course in the music of western culture for non-music majors, designed to help students listen to music in greater depth and to acquire a basic knowledge of the musician's technique and vocabulary. Although the material emphasized in the course will be western art music, the listening and evaluation skills developed during the course can be applied to any musical genre.	LO1: Identify significant musical features during listening exercises LO2: Discuss music using appropriate vocabulary built during the course LO3: Situate musical works and styles within the context of western culture and history LO4: Evaluate music based on both objective criteria and personal taste	X \$270.00	X \$210.00
MUSC 116 History of American Pop Music	3	This course examines the historical significance of popular music in the United States from the mid-19th century to the present. We will focus on the musical, cultural, social, political, and economic dimensions ("the context") of genres ranging from the Minstrel Show and Tin Pan Alley to blues, jazz, swing, country, folk, soul, rock, disco, and hip-hop.	LO1: Engage in activity that demonstrates how imagination/techniques are expressed in creative works LO2: Reflect on the meaning/importance of creative works LO3: Understand social and cultural aspects of Pop Music LO4: Understand pivotal artists, composers and other individuals	X \$270.00	
MUSC 119 Concert Band SPRING ONLY	1	The Concert Band utilizes standard wind band instrumentation (percussion and winds). The class will continue to build more advanced, individual musicianship through large and small ensemble performance. This ensemble is the opportunity for musicians to showcase their talent through the performance of advanced wind literature. This ensemble will perform significant repertoire with artistry and understanding; to study and celebrate one of humanity's pinnacle achievements; to uphold our tradition of excellence. The Concert Band is a performance-based class, and all evening concerts and rehearsals are required.	LO1: Technical skills for artistic self-expression at a level appropriate for the particular music concentration. LO2: An overview understanding of the repertoire in the major performance area and the ability to perform from a cross-section of that repertoire. LO3: The ability to read at sight with fluence demonstrating both general musicianship and a level of skill relevant to the particular music concentration. LO4: Knowledge and skill sufficient to work as a leader and in collaboration on matters of musical interpretation. LO5: Growth in artistry, technical skills, collaborative competence and knowledge of repertoire through regular ensemble experiences.	X \$90.00	X \$70.00
MUSC 164 Marching & Athletic Band FALL ONLY	1	The Marching and Athletic Bands perform regularly at Drury University sporting events, university functions, regional band festivals, and competitions. The Athletic Bands strive to communicate enthusiasm, energy, and pride through musical performance and entertainment. Athletic Bands include, but are not limited to, marching band, pep band, drum line, and winter guard. Membership in the ensemble is open to all Drury students regardless of major as well as to Drury faculty and staff and Springfield community members.	LO1: Prepare and develop as an active performer for a marching band show or parade by learning the band's music and choreography and then participating in the final program. LO2: Recognize and recall basic procedures for music notation, instrumental performance skills, movement principles, and other music methods and techniques. LO3: Evaluate music and visual performance for correct notes, rhythms, other musical elements, and overall bodily-kinesthetic awareness. LO4: Describe the pedagogical fundamentals of advanced marching-band rehearsal techniques. LO5: Identify appropriate examples of marching-band repertoire, choreography and drill. LO6: Develop and apply a strategy for self-improvement of performance skills and musical interpretation	X \$90.00	X \$70.00

			through instructor-guided self-analysis. LO7: Participate in traditional marching band experiences, including football game activities, exhibitions, parades, and pep rallies.		
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PHYS 100 Earth Science	3	The earth in space, its atmosphere, oceans and the development of landforms by geologic agents. The course objective is to develop awareness of the physical processes that have and will shape the earth and of humanity's effect on these processes.	LO1: Describe the scientific method and apply it in a geological context. LO2: Describe Earth's major systems and explain how they interact. LO3: Identify common rocks and minerals and interpret how they form LO4: Describe and interpret the development of landforms and geologic structures LO5: Explain the plate tectonic theory and explain its relationship to earth processes, features, and landforms. LO6: Explain how natural processes shape the earth and the impact that humanity has on these natural processes.	X \$270.00	X \$210.00
PHYS 100 Earth Science LAB	1	Introduction to igneous, sedimentary and metamorphic rocks and minerals. Principles and interpretation of geologic and topographic maps. Introduction to fossils.	Same LO's as the lecture.	X \$90.00	X \$70.00
PLSC 101 Gov & Politics in the US	3	Introduction to the theories, constitutional bases, functions and government structures of the U.S. political system in relation to the global political environment. Emphasis on national politics and linkages with state, local and international governments, including an emphasis on Missouri and current issues in domestic and foreign policy.	LO1: Content knowledge: Students should have substantial familiarity with the basic concepts and theoretical approaches in the U.S. Government and Politics discipline. This includes knowledge about American political institutions, political behavior, and knowledge with the sub-field of American politics and public policy. LO2: Critical Thinking and Problem-Solving Skills: Students should be able to understand, analyze, and produce arguments, and evaluate evidence on contemporary political questions in American politics. LO3: Communication Skills: Students should demonstrate effective written and oral communication skills as applied to the study of government and politics in the U.S.	X \$270.00	X \$210.00

PLSC 151 Intro to Comparative Politics	3	Introduction to the comparison of different political systems with an examination of liberal democratic societies, communist and post-communist systems, and developing nations with case studies from each category.	LO1: Content Knowledge: Students should have substantial familiarity with the major theories, debates, and concepts in comparative politics. LO2: Critical Thinking and Problem-Solving Skills: Students should be able understand, analyze, produce arguments, and evaluate evidence on contemporary questions of politics and government in a comparative perspective. LO3: Communication Skills: The ability to effectively communicate, in written and oral format, analysis of politics in a comparative context.		X \$210.00
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<p>PSYC 110 Stress Management</p>	<p>3</p>	<p>The philosophy and comprehensive approach to stress reduction through the re-establishment and enhancement of the state of well-being.</p>	<p>LO1: Define the word "stress." LO2: Identify major sources of stress, such as time management, personal expectations, family expectations, employment decisions and finances, school pressures, relationships, physical health, and information overload. LO3: Distinguish relevant terminology, to include positive, negative, acute, and chronic stress. LO4: Recognize the physiological and psychological signs of stress. LO5: Discuss how factors such as diet, exercise, deep relaxation, happiness and laughter, the analysis of one's personal belief systems, cognitive reframing, and assertive communication skills can be utilized to improve quality of life. LO6: Apply stress management techniques in order to deal with stress more effectively.</p>	<p>X \$270.00</p>	
<p>PSYC 120 Principles of Psychology</p>	<p>3</p>	<p>This introductory survey course provides a broad-based overview of the field of psychology as a scientific discipline. Topics include theoretical perspectives, research methodologies, biological bases of behavior, developmental milestones, learning and memory, motivation and emotion, personality, social psychology, and psychological disorders.</p>	<p>LO1: Distinguish between the major perspectives of psychology to include the psychodynamic, behavioral, cognitive, humanistic, biological, evolutionary, and sociocultural perspectives. LO2: Compare and contrast the research methods that define scientific psychology. LO3: Describe basic concepts, seminal works, and contemporary research findings in psychology's different branches, to include biopsychology, clinical psychology, cognitive psychology, developmental psychology, social psychology, and health psychology. LO4: Apply psychological theories and principles to everyday life.</p>	<p>X \$270.00</p>	<p>X \$210.00</p>

PSYC 235 Applied Human Development	3	This course provides an overview of physical, cognitive, social, and emotional milestones from conception through death. Emphasis is given to the ways in which biological, familial, sociocultural, and diversity factors interact to influence developmental trajectories.	LO1: Describe major events in prenatal development and the birth process. LO2: Describe major milestones in infancy, childhood, adolescence, and adulthood in the areas of biological, cognitive, and psychosocial development. LO3: Discuss ways in which cultural, historical, socioeconomic, and diversity factors can affect growth, development, and resiliency. LO4: Critically evaluate myths and misconceptions regarding development throughout the lifespan. LO5: Apply knowledge about human development to their chosen career and/or professional goals.	X \$270.00	
RELG 109 Intro to the Study of Religion	3	Religion and religious ideas are central to all cultures and societies, including our own. This course will look at the broad range of cultural forms we have come to call religion, examine how these forms shape cultures and societies, and finally, by examining what these forms have in common and how they differ, we will determine what it is we study when we study religion.	LO1: Become familiar with the terminology, theories and the major thinkers associated with the Study of Religion. LO2: Observe that religion occurs all around them all the time. Identify similarities of religious behaviors between various and diverse peoples. LO3: Improve critical thinking skills. LO4: Improve writing.	X \$270.00	X \$210.00
SOCI 120 Principles of Sociology	3	This introductory course provides a broad-based overview of the field of sociology. Attention is given to the ways in which social factors affect how institutions and organizations operate, to include race, ethnicity, gender, age, education, social class, and geographical space.	LO1: Discuss the fundamental principles on which the discipline of sociology rests. LO2: Articulate what is meant by the "sociological imagination." LO3: Compare and contrast the methods of collecting data for social science research. LO4: Describe the basic components of social structure and culture, to include ideology, norms, and values. LO5: Discuss the ways that race, social class, and gender inequality are experienced and reproduced in society. LO6: Discuss the ways in which individuals and groups work together to transform social institutions.	X \$270.00	
SPAN 101 Elementary Spanish I	3	For beginners. Designed to develop, with SPAN 102, an elementary proficiency in Spanish. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides an introduction to the cultures and cultural practices of the Spanish-speaking world.	LO1: Students will learn and demonstrate the ability to speak Spanish minimally by using a number of isolated words and memorized phrases limited to the particular contexts of the chapters covered in the textbook. LO2: Students will learn and demonstrate the ability to write in Spanish, reproducing from memory a modest number of words and phrases in context. Students will be		X \$210.00

			<p>able to supply limited information on simple forms and documents, and other basic biographical information, such as names, numbers, and nationality. Students will exhibit a high degree of accuracy when writing on well-practiced, familiar topics.</p> <p>LO3: Students will learn to recognize spoken Spanish and begin to understand a number of high-frequency, highly contextualized words and phrases including aural cognates and borrowed words.</p> <p>LO4: Students will learn and demonstrate ability to recognize the letters or symbols of the Spanish alphabetic writing system and identify a number of highly contextualized words and phrases including cognates and borrowed words.</p> <p>LO5: Students will work toward and demonstrate elements of intercultural competency, acquiring information and recognizing the distinctive viewpoints that are only available through the foreign language and its cultures. Students will demonstrate an understanding of the relationship between the practices, products and perspectives of Hispanic culture through comparisons of the cultures studied and their own.</p>		
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<p>SPAN 102 Elementary Spanish II</p>	<p>3</p>	<p>A continuation of SPAN 101, designed to continue the development of an elementary proficiency for producing and comprehending the Spanish language. This course provides instruction for and assesses students' reading, writing, speaking, listening and develops students' knowledge of the cultures and cultural practices of the Spanish-speaking world.</p>	<p>LO1: Students will learn and demonstrate the ability to speak Spanish minimally by using a number of isolated words and memorized phrases limited to the particular contexts of the chapters covered in the textbook.</p> <p>LO2: Students will learn and demonstrate the ability to write in Spanish, reproducing from memory a modest number of words and phrases in context. Students will be able to supply limited information on simple forms and documents, and other basic biographical information, such as names, numbers, and nationality. Students will exhibit a high degree of accuracy when writing on well-practiced, familiar topics.</p> <p>LO3: Students will learn to recognize spoken Spanish and begin to understand a number of high-frequency, highly contextualized words and phrases including aural cognates and borrowed words.</p> <p>LO4: Students will learn and demonstrate ability to recognize the letters or symbols of the Spanish alphabetic writing system and identify a number of highly contextualized words and phrases including cognates and borrowed words.</p> <p>LO5: Students will work toward and demonstrate elements of intercultural competency, acquiring information and recognizing the distinctive viewpoints that are only available through the foreign language and its cultures. Students will demonstrate an understanding of the relationship between the practices, products and perspectives of Hispanic culture through comparisons of the cultures studied and their own.</p>		<p>X \$210.00</p>
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<p>SPAN 201 Intermediate Spanish III</p>	<p>3</p>	<p>Designed to develop, with SPAN 202, a more advanced proficiency in Spanish. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides a continuation of study of the cultures and cultural practices of the Spanish-speaking world.</p>	<p>LO1: Review grammatical topics learned during first-year university classes and/or high school. LO2: Provide students intermediate-level writing practice in the form of brief writing prompts and longer, formal compositions, writing in Spanish about topics that range from expressing opinion to cultural commentary. Observational, descriptive writing will also be expected as students participate in travel journal writing. LO3: Develop students' reading and listening ability via cultural readings and music. LO4: Provide students ample conversation practice with an array of cultural and personal topics with the goal of promoting confidence in speaking with both non-native and native Spanish speakers.</p>		<p>X \$210.00</p>
<p>SPAN 202 Intermediate Spanish IV</p>	<p>3</p>	<p>A continuation of SPAN 201, designed to continue the development of a more advanced proficiency in Spanish. This course provides instruction for and assesses students' reading, writing, speaking and listening and provides a continuation of study of the cultures and cultural practices of the Spanish-speaking world.</p>	<p>LO1: Review grammatical topics learned during first-year university classes and/or high school. LO2: Provide students intermediate-level writing practice in the form of brief writing prompts and longer, formal compositions, writing in Spanish about topics that range from expressing opinion to cultural commentary. Observational, descriptive writing will also be expected as students participate in travel journal writing. LO3: Develop students' reading and listening ability via cultural readings and music. LO4: Provide students ample conversation practice with an array of cultural and personal topics with the goal of promoting confidence in speaking with both non-native and native Spanish speakers.</p>		<p>X \$210.00</p>