



Online Course Offerings

Courses listed below include all online classes scheduled at Grove City College; however, courses listed as “DE Only” are limited to high-school, dual-enrolled (DE) students only. All other online classes are available to both undergraduate and DE students. DE students may register at any time for future DE Only courses but must follow the College’s standard registration timeline for all other classes.

Winter 2022

<u>Course Code</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Instructor</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Status</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Comments</u>	<u>Section Notes</u>
COMM 406 A	SOCIAL MEDIA WRITING	3.00	Dr. Kimberly M. Miller	25	10	Open	12/15/2021	1/15/2022		
	COMM 406. SOCIAL MEDIA WRITING. This course will explore a variety of social media writing experiences. Solid writing practices will be defined (grammar, structure, research), followed by practical experiential learning where students will write for a variety of online platforms. Students will complete the course with a solid foundation on which to build careers in numerous areas- marketing, writing, and production, among others. While specific platforms will be explored, it is a distinct aim of the course to give students the tools they need to write for existing social media as well as new and emerging media. Prerequisite: Junior or senior standing, or permission of instructor. Online course only, three hours.									
DESI 101 A	INTRO TO VISUAL COMM DESIGN	3.00	Mr. Ryan M. Hammond	25	12	Open	12/15/2021	1/15/2022		
	DESI 101. INTRO TO VISUAL COMMUNICATION DESIGN. This online course introduces fundamental principles of the design discipline through in-depth analysis of formal visual communication design concepts. Students will develop a foundational competency for design as a communication tool through practical application using industry-standard methods and software. Three hours.									
DESI 110 A	DESIGN SOFTWARE FOR BEGINNERS	3.00	Mr. Nathanael E. Mucha	25	8	Open	12/15/2021	1/15/2022		
	DESI 110. DESIGN SOFTWARE FOR BEGINNERS. Adobe Creative Suite is the industry-standard tool set for virtually every design practitioner. In this class, students learn about Adobe Creative Cloud and how to use Photoshop, Illustrator, and InDesign while integrating them in a logical workflow. Semester course, three hours.									
EDUC 203 A	CULTURALLY RELEVANT PEDAGOGY	3.00	Dr. Gina M. Blackburn	25	11	Open	12/15/2021	1/15/2022		EDUC 202 and PSYC 102
	EDUC 203. CULTURALLY RELEVANT PEDAGOGY. A study of the characteristics and educational needs of learners from diverse cultural backgrounds. The course is designed to equip educators with methods to address the educational needs of culturally diverse groups and students from limited English backgrounds. This course satisfies the Information Literacy (IL) requirement for PreK-4 Elementary and Middle Level Education majors. Prerequisites: Education 202 and Psychology 102. For education majors only. Semester course, three hours.									
EDUC 343 A	TRENDS/ISSUES IN EARLY CHILD EDUC	3.00	Mrs. Jolene K. Munson	25	3	Open	12/15/2021	1/15/2022		EDUC 281 or SEDU 203; and EDUC 342
	EDUC 343. TRENDS AND ISSUES IN EARLY CHILDHOOD EDUCATION. This course examines contemporary trends and issues surrounding early childhood education discussing sociological, psychological, political, and economic forces shaping contemporary families, children, and schooling. Current educational practices, curriculum, and administration of programs are integral topics included in this study. Senior level course. Prerequisites: Education 281 or Special Education 203, and Education 342. Semester course, three hours.									

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EXER 134 A	INTRODUCTION TO NUTRITION	3.00	Dr. Dana L. Ault	25	25	Full	12/15/2021	1/15/2022		
	EXER 134. INTRODUCTION TO NUTRITION. An introduction to the importance of diet for present and future good health. Carbohydrates, fats, proteins, vitamins, and minerals, and their interactions will also be addressed. In addition, the course explores topics such as label-reading, popular diets, dietary analysis, and other issues of current interest in the field of nutrition, including sport and exercise nutrition, supplements, and life-cycle nutrition. Semester course, three hours.									
EXER 240 A	DIETARY SUPPLEMENTS	3.00	Dr. Philip J. Prins	25	3	Open	12/15/2021	1/15/2022		EXER 101 or 134
	EXER 240. DIETARY SUPPLEMENTS. This course provides an overview of the dietary supplement industry, current regulations, product development process, and marketing of products. Students will learn how to critically evaluate dietary supplements in terms of claims, efficacy, and safety. This course, offered online, is open to all majors. Prerequisites: Exercise Science 101 or 134. Alternate fall semester and summer online, three hours.									
EXER 244 A	NUTRITION AND HEALTH	3.00	Dr. Philip J. Prins	25	6	Open	12/15/2021	1/15/2022		EXER 101 or 134
	EXER 244. NUTRITION AND HEALTH. A study of the science of nutrition with an emphasis on how nutrition influences health and wellbeing. Students will gain a foundational knowledge of the role of nutrition in the development and treatment of chronic diseases. Prerequisite: Exercise Science 101 or 134. Semester course, three hours.									
EXER 344 A	LIFE CYCLE NUTRITION	3.00	Dr. Dana L. Ault	25	10	Open	12/15/2021	1/15/2022		EXER 101, 134, or BIOL 101
	EXER 344. LIFE CYCLE NUTRITION. A survey of nutrition needs throughout the stages of the life cycle, including pregnancy and lactation, infancy, adolescence, adult, and aging. The socioeconomic, cultural, and psychological influences on food and nutrition behavior will also be addressed. Prerequisite: Exercise Science 101, 134 or Biology 101. Alternate fall semesters, three hours.									
HUMA 200 A	WESTERN CIV: FOUNDATIONS	3.00	Dr. Elizabeth Baker	25	28	Full	12/15/2021	1/15/2022		WRIT 101, and HUMA 102 (or RELI 211)
	HUMA 200. WESTERN CIVILIZATION: HISTORICAL AND INTELLECTUAL FOUNDATIONS. This course explores the intellectual, cultural, political, and religious foundations of Western Civilization from the ancient Greeks to the modern world, with special emphasis on great thinkers, crucial events, and significant ideas. Prerequisites: Writing 101 and Humanities 102. Students substituting Religion 211 and 212 for Humanities 102 must take either Religion 211 or Religion 212 as a prerequisite for this course. Semester course, three hours.									
MATH 111 A	PRE CALCULUS	3.00	Dr. Dale L. McIntyre	25	13	Open	12/15/2021	1/15/2022		
	MATH 111. PRE-CALCULUS. Designed to help prepare students for success in Physics 121 or Calculus I, this course offers a thorough treatment of function theory, analytic geometry, exponential and logarithmic functions, and trigonometry. A basic understanding of high school algebra and analytic geometry is presumed. Semester course, three hours.									
MECE 120 A	NUMERICAL COMPUTING FOR MECH ENGR	3.00	Dr. John M. Dixon	15	1	Open	12/15/2021	1/15/2022		
	MECE 120. NUMERICAL COMPUTING FOR MECHANICAL ENGINEERS. This course introduces students to applied numerical computation, with an emphasis on solving typical mechanical engineering problems. Sequential logic programming is taught using MATLAB. Topics include array and scalar operators, program control elements, graphic and text I/O, internal and user-defined functions. Students are introduced to numerical methods such as root finding, solutions to systems of linear equations, linear regression, and numerical integration and differentiation. Corequisites: Mathematics 161 and Physics 101. Semester course, three hours.									
MNGT 103 A	PRINCIPLES OF MANAGEMENT	3.00	Dr. Kenneth P. Carson	25	10	Open	12/15/2021	1/15/2022		Online Materials Fee
	MNGT 103. PRINCIPLES OF MANAGEMENT. An introduction to the theory and practice of management. Students are introduced to management history, ethics, global issues, and other challenges. The four basic managerial functions of planning, organizing, leading, and controlling are explored in detail. Throughout, attention is given to a Christian perspective on these topics. Semester course, three hours.									

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MNGT 303 A	BUSINESS LAW	3.00	Dr. Andrew W. Markley	25	13	Open	12/15/2021	1/15/2022		
	MNGT 303. BUSINESS LAW. A survey of law crucial to the conduct of business, including an introduction to the nature of law, legal reasoning, and dispute resolution as well as to the law of contracts, torts, crimes, agency, business associations, and intellectual property. Students may not receive credit for both Management 303 and Entrepreneurship 303. Semester course, three hours.									
MNGT 458 A	ORGANIZATIONAL BEHAVIOR	3.00	Dr. Wayne A. Biddle	25	9	Open	12/15/2021	1/15/2022		MNGT 103 (formerly 203)
	MNGT 458. ORGANIZATIONAL BEHAVIOR. An examination of individual, interpersonal, and organizational processes in contemporary organizations emphasizing motivation, job design, performance management, group and team dynamics, leadership, and decision-making. Also covered are organizational culture, design, and change management. The course emphasizes contemporary theories and trends in organizational structures and processes. The course includes extensive use of case studies and applications of theories to management practice. Prerequisite: Management 103. Semester course, three hours.									
PSYC 208 A	SOCIAL PSYCHOLOGY	3.00	Dr. E W. Throckmorton	25	13	Open	12/15/2021	1/15/2022		
	PSYC 208. SOCIAL PSYCHOLOGY. The scientific study of the way individuals think, feel, and behave under the actual, imagined, or implied presence of others. Our study of social psychology will investigate the relationship between attitudes and behavior, attribution theory, cultural influences, conformity, prejudice, aggression, attraction, altruism, conflict, etc. We will concentrate on applying social psychology to real world experiences and will include in-depth analysis of original literature. Semester course, three hours.									
SCIC 201 A	FUNDAMENTALS OF THE UNIVERSE	4.00	Dr. Shane C. Brower	25	23	Open	12/15/2021	1/15/2022		Online Materials Fee
	SCIC 201. FUNDAMENTALS OF THE UNIVERSE. This course covers major ideas concerning the physical universe, including applications of those ideas, past and present. Topics include philosophy of science, motion, cosmology, light, gravity, energy, and quantum physics. No credit will be given to students who have already received credit for Physics 101 or 121. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 201 L L	LABORATORY	0.00	Dr. Shane C. Brower	25	23	Open	12/15/2021	1/15/2022		Lab Fee
	SCIC 201. FUNDAMENTALS OF THE UNIVERSE. This course covers major ideas concerning the physical universe, including applications of those ideas, past and present. Topics include philosophy of science, motion, cosmology, light, gravity, energy, and quantum physics. No credit will be given to students who have already received credit for Physics 101 or 121. This course is designed to meet general education science requirements for liberal arts students. Four hours.									
SCIC 202 A	LIFE SCIENCE	4.00	Dr. Devin L. Stauff	25	22	Open	12/15/2021	1/15/2022		
	202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 202 L L	LABORATORY	0.00	Dr. Devin L. Stauff	25	22	Open	12/15/2021	1/15/2022		Lab Fee
	SCIC 202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 203 A	ATOMS, MOLECULES & MATERIAL WORLD	4.00	Dr. Michael F. Falcetta	25	25	Full	12/15/2021	1/15/2022		
	203. ATOMS, MOLECULES AND THE MATERIAL WORLD. This course is designed to make chemistry accessible to anyone with the desire to understand the chemical world in which we live. A strong emphasis on chemical reactions as well as on the basic theoretical principles that underlie chemistry are presented. An integral part of this course is the development of problem solving skills. No credit will be given to students who have already received credit for Chemistry 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									

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SCIC 203 L L	LABORATORY	0.00	Dr. Michael F. Falcetta	25	25	Full	12/15/2021	1/15/2022		Lab Fee
	SCIC 203. ATOMS, MOLECULES AND THE MATERIAL WORLD. This course is designed to make chemistry accessible to anyone with the desire to understand the chemical world in which we live. A strong emphasis on chemical reactions as well as on the basic theoretical principles that underlie chemistry are presented. An integral part of this course is the development of problem solving skills. No credit will be given to students who have already received credit for Chemistry 111. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SOCW 101 A	FOUNDATIONS OF SOCIAL WORK	3.00	Mrs. Jennifer C. Hollenberger	25	9	Open	12/15/2021	1/15/2022		
	SOCW 101. FOUNDATIONS OF SOCIAL WORK. This foundational course introduces students to the rich and diverse discipline of social work and its widespread societal contributions. Students will learn the fundamentals of generalist social work; the ethics, tenets, and history of the profession; and gain an overview of the social delivery system in America. To facilitate the ability to discuss critical points of convergence and divergence, examination of predominant social work values, philosophical assumptions, and theories will occur throughout the course. Discussions of the diverse populations and settings served by social workers will be integrated into the course. The course will additionally explore both the methods widely utilized in social work research and be exposed to contemporary research examples. Students will be encouraged to examine their own values and aspirations with respect to the profession. Careful examination of the ways that a Christian worldview intersects with the values of social work and means of integrating the two realms form integral aspects of the course. Semester course, three hours.									

Spring 2022

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ACCT 202 O	PRINCIPLES OF ACCOUNTING II	3.00	Mrs. Jennifer N. Stone	25	1	Open	1/17/2022	5/10/2022	DE ONLY	Not synchronous; Online Materials Fee
	ACCT 202. PRINCIPLES OF ACCOUNTING II. Course topics include accounting for debt and stockholder's equity, financial statement analysis, statement of cash flows, as well as introductions to managerial accounting techniques including cost-volume-profit analysis, budgeting, product costing, standard costs, and decision-making analysis. Prerequisite: Accounting 201. Spring semester only, three hours plus lab.									
ASTR 207 C	INTRO TO STARS/GALAXIES/COSMOLOGY	3.00	Dr. James L. Clem	25	12	Open	1/17/2022	5/10/2022		
	ASTR 207. INTRODUCTION TO STARS, GALAXIES, AND COSMOLOGY. An introduction to modern astronomy with an emphasis on the nature of the universe and objects within it. Topics include the properties of stars, the stellar life cycle, galaxies, and cosmology. Includes an observational project. Open to all students. Spring semester only, three hours.									
	This online course will be a combination of synchronous and asynchronous elements. Specifically, you will be assigned daily readings, pre-lecture videos, and/or occasional pre-class exercises that you are responsible for completing at a time convenient for you. The synchronous component will occur during our regular class meetings where we will discuss the topics and/or complete in-class exercises. These class meetings will be conducted using a variety of Office 365 tools (i.e., OneNote, Teams, and Skype). All materials for this class will be disseminated using the associated class site in Office365. It is your responsibility to check this site periodically so that you are aware of new homework assignments and their due dates, along with other important dates (e.g., exam and project due dates). It is also your responsibility to ensure that your software is working prior to schedule class sessions and exams. If you are experience technical difficulties, you should contact the GCC Helpdesk (helpdesk@gcc.edu).									
CHEM 111 O	GENERAL CHEMISTRY I	3.00	Dr. Holly Guevara	25	1	Open	1/17/2022	5/10/2022	DE ONLY	3-5 synchronous meetings; Online Material Fee
	CHEM 111. GENERAL CHEMISTRY I. The first semester of a year-long introduction to the fundamental principles of chemistry, including stoichiometry, nomenclature, basic reactions (solubility, acid-base and oxidation reduction), gas laws, Laws of Thermodynamics (enthalpy, entropy, Gibb's free energy and equilibrium constant), electronic structure, bonding, molecular structure, properties of pure liquids and solids, and solutions. Three lectures per week. No credit will be given to students who have already received credit for Chemistry 105. Fall semester only, three hours.									
CHEM 151 O	INTRODUCTION TO FORENSIC SCIENCE	3.00	Dr. Ven Ney Wong	25	2	Open	1/17/2022	5/10/2022	DE ONLY	Not Synchronous
	CHEM 151. INTRODUCTION TO FORENSIC SCIENCE. This course provides an overview of the field of forensic science and will cover scientific principles and their application in the analysis of crime scene evidence. Topics covered will include glass and soil, microscopy, bloodstains, hair, fibers fingerprinting and firearms. Three hours.									
COMP 475 A	ADVANCED SECURITY	3.00	Dr. Lory J. Al Moakar	25	12	Open	1/17/2022	5/10/2022		COMP 205, 342 & 448
	COMP 475. ADVANCED SECURITY. A more comprehensive study of computer security, including the goals of secure computing; elementary cryptography; and system and network security. Practical applications of these ideas is provided by an investigation of secure systems administration by means of team-based security projects. Various legal and ethical issues in the field are also considered. Prerequisites: Computer Science 205, 342, and 448. Semester course, three hours.									

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DSCI 431 A	INTRODUCTION TO BIG DATA	3.00	Dr. Lory J. Al Moakar	25	34	Full	1/17/2022	5/10/2022	Online Materials Fee	COMP 220, 244
	DSCI 431. INTRODUCTION TO BIG DATA. The objective of this course is to introduce key concepts and technologies of big data management. This course covers big data characteristics, storage, and processing. Students learn how to use multiple big data technologies, such as stream processing, in-memory databases, Hadoop MapReduce, NoSQL, and NewSQL systems. Prerequisites: Computer Science 220 and 244. Alternate spring semesters, three hours.									
DSCI 531 A	BIG DATA MANAGEMENT	3.00	Dr. Lory J. Al Moakar	15	9	Open	1/17/2022	5/10/2022	Online Materials Fee	COMP 544
	DSCI 531. BIG DATA MANAGEMENT. The objective of this course is to introduce key concepts and technologies of big data management. This course covers big data characteristics, storage, and processing. Students learn how to use multiple big data technologies, such as stream processing, in-memory databases, Hadoop MapReduce, NoSQL, and NewSQL systems. Three hours.									
EXER 215 O	MEDICAL TERMINOLOGY	3.00	Mr. Sean K. Severson	25	1	Open	1/17/2022	5/10/2022	DE ONLY	Not synchronous
	EXER 215. MEDICAL TERMINOLOGY. This is an online course that will help train students to understand and speak commonly used terms in various healthcare fields. Topics include word construction, body structure terminology, and terminology related to body systems and disorders. Online only, three hours.									
EXER 344 O	LIFE CYCLE NUTRITION	3.00	Dr. Dana L. Ault	0	12	Full	1/17/2022	5/10/2022		Nursing Program Students Only
	EXER 344. LIFE CYCLE NUTRITION. A survey of nutrition needs throughout the stages of the life cycle, including pregnancy and lactation, infancy, adolescence, adult, and aging. The socioeconomic, cultural, and psychological influences on food and nutrition behavior will also be addressed. Prerequisite: Exercise Science 101, 134 or Biology 101. Alternate fall semesters, three hours.									
HUMA 102 O	CIV/BIBLICAL REVELATION	3.00	Dr. Donald R. Shepson	25	13	Open	1/17/2022	5/10/2022	DE ONLY	3 flexible synchronous meetings per semester
	HUMA 102. CIVILIZATION AND THE BIBLICAL REVELATION. A study of Christian revelation and how it influenced the course of Western civilization. It focuses on key texts that are foundational for theology, cosmology, epistemology, human nature, society, and ethics. This course contains the second component of the across-the-curriculum Information Literacy (IL) requirement. The year-long course sequence of Religion 211 and 212 may substitute for this course. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement. Semester course, three hours.									
MATH 110 O	COLLEGE ALGEBRA	3.00	Dr. Steven T. Flanders	25	0	Open	1/17/2022	5/10/2022	DE ONLY	Not synch or Quant/Gen Ed; Online Material Fee
	MATH 110. COLLEGE ALGEBRA. Designed to help prepare students for success specifically in Business Calculus as well as in Pre-Calculus, this course offers a thorough treatment of linear and quadratic equations and inequalities, rational and radical equations, and functions and their graphs. A basic understanding of high school algebra is presumed. This course does not satisfy the Quantitative/Logical Reasoning requirement. Semester course, three hours.									
MATH 111 O	PRE CALCULUS	3.00	Dr. Steven T. Flanders	25	1	Open	1/17/2022	5/10/2022	DE ONLY; Online Materials Fee	Online Materials Fee
	MATH 111. PRE-CALCULUS. Designed to help prepare students for success in Physics 121 or Calculus I, this course offers a thorough treatment of function theory, analytic geometry, exponential and logarithmic functions, and trigonometry. A basic understanding of high school algebra and analytic geometry is presumed. Semester course, three hours.									
MATH 161 O	CALCULUS I	4.00	Dr. Steven T. Flanders	25	2	Open	1/17/2022	5/10/2022	DE ONLY	Not synchronous; Onlne Material Fee

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MATH 161 O	MATH 161. CALCULUS I. A first course in calculus that assumes no prior study of the subject. Topics include: limits and continuity, differentiation, curve sketching, the fundamental theorem of calculus, definite and indefinite integrals, and applications. This course fulfills in part the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: High school mathematics including algebra, analytic geometry, and trigonometry. Students may not receive credit for both Mathematics 141 and 161. Semester course, four hours.									
MATH 162 O	CALCULUS II	4.00	Dr. Michael A. Jackson	25	4	Open	1/17/2022	5/10/2022	DE ONLY; Online	Not synchronous; Onlne Material Fee Materials Fee
	MATH 162. CALCULUS II. A continuation of Math 161 covering the topics: exponential, logarithmic and inverse trigonometric functions, techniques of integration, parametric equations, sequences, infinite series, and Taylor series. This course fulfills in part the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: Mathematics 161 or permission of instructor. Semester course, four hours.									
MECE 120 O	NUMERICAL COMPUTING FOR MECH ENGR	3.00	Dr. John M. Dixon	15	2	Open	1/17/2022	5/10/2022	DE ONLY	3 synchronous exams
	MECE 120. NUMERICAL COMPUTING FOR MECHANICAL ENGINEERS. This course introduces students to applied numerical computation, with an emphasis on solving typical mechanical engineering problems. Sequential logic programming is taught using MATLAB. Topics include array and scalar operators, program control elements, graphic and text I/O, internal and user-defined functions. Students are introduced to numerical methods such as root finding, solutions to systems of linear equations, linear regression, and numerical integration and differentiation. Corequisites: Mathematics 161 and Physics 101. Semester course, three hours.									
MNGT 106 O	FUNDAMENTALS OF BUSINESS	3.00	Dr. Christy L. Crute	25	1	Open	1/17/2022	5/10/2022	DE ONLY	Synchronous Mondays 6 pm;Online Materials Fee
	MNGT 106. FUNDAMENTALS OF BUSINESS. A general introduction to the organizational environment and operations of contemporary businesses. The course examines the United States business system and how it interacts with global systems; the basic management functions of planning, organizing, leading, and controlling; entrepreneurship and small businesses; marketing processes and consumer behavior; managing operations and information; and financial management. Integrated into these topics are Christian principles that should guide ethical business practices. Semester course, three hours.									
MNGT 110 A	EXCEL	3.00	Mrs. Jennifer S. Miller	25	27	Full	1/17/2022	5/10/2022		Online Materials Fee
	MNGT 110. EXCEL. Nearly all businesses require new hires to be proficient in business uses of Excel. Students will learn how to use Excel in a variety of business fields. This course culminates in a final exam that, if successful, will result in students achieving Microsoft certification in Excel. Semester course, three hours.									
MNGT 110 B	EXCEL	3.00	Mrs. Andrea D. DiDonato	20	20	Full	1/17/2022	5/10/2022		Online Materials Fee
	MNGT 110. EXCEL. Nearly all businesses require new hires to be proficient in business uses of Excel. Students will learn how to use Excel in a variety of business fields. This course culminates in a final exam that, if successful, will result in students achieving Microsoft certification in Excel. Semester course, three hours.									
MNGT 110 O	EXCEL	3.00	Dr. Jodie C. Banyas	10	3	Open	1/17/2022	5/10/2022	DE ONLY	Online materials fee
	MNGT 110. EXCEL. Nearly all businesses require new hires to be proficient in business uses of Excel. Students will learn how to use Excel in a variety of business fields. This course culminates in a final exam that, if successful, will result in students achieving Microsoft certification in Excel. Semester course, three hours.									

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MNGT 120 A	ADVANCED EXCEL	3.00	Mrs. Jennifer S. Miller	25	12	Open	1/17/2022	5/10/2022		MNGT 110 or MOS Basic Excel C; Online Mat Fee
	MNGT 120. ADVANCED EXCEL. Nearly all businesses require new hires to be proficient in business uses of Excel. Students will build on the Excel knowledge acquired in Management 110 and demonstrate advanced proficiency. Students will utilize advanced techniques in Excel (macros, nested functions, PivotTables, and PivotCharts, for example) to answer real-world organizational questions. This course culminates in a final exam that, if successful, will result in students achieving the Microsoft Expert certification in Excel. Prerequisite: Management 110 or MOS Basic Excel Certification. Online only, three credits.									
MNGT 201 O	BUSINESS STATISTICS	3.00	Dr. Christy L. Crute	25	0	Open	1/17/2022	5/10/2022	DE ONLY	Synchronous Wed, 6 pm; Online Materials Fee
	MNGT 201. BUSINESS STATISTICS. A course designed to familiarize the student with basic statistical techniques used in the management decision-making process, including probability distributions, descriptive statistics, confidence intervals, hypothesis testing, and parametric and nonparametric hypothesis testing. Students may only receive credit for one of Management 201, Mathematics 201, or Psychology 201. Semester course, three hours.									
MNGT 310 A	BUSINESS DASHBOARDING	3.00	Mr. Ryan E. Miller	25	15	Open	1/17/2022	5/10/2022		MNGT 202; coreq ACCT 202, MARK 204
	MNGT 310. BUSINESS DASHBOARDING. This course will study techniques for creating effective visual stories via dashboards. Topics include visual story telling models, exploratory data analysis, visualization software, interaction techniques, graphical perception, color, animation, dimensional data, temporal visualization, and text visualization. Prerequisite: Management 202; corequisites: Accounting 202 and Marketing 204. Semester course, three hours.									
MNGT 542 A	ETHICALLY ARCHITECTING INFORMATION	3.00	Dr. Christy L. Crute	25	11	Open	1/17/2022	5/10/2022		
	MNGT 542. ETHICALLY ARCHITECTING INFORMATION. Practical guidance on how to implement information management. This course explores the fundamental elements of ethics and provides practical methods for organizations to embed ethical principles and practices into the management and governance of the organization's information. Will explore the business case for ethical business practices. Three hours.									
PHYS 101 O	GENERAL PHYSICS I-ENGINEERING	4.00	Dr. Shane C. Brower	25	3	Open	1/17/2022	5/10/2022	DE ONLY	Ave 1 sync meeting/week; Online Materials Fee
	PHYS 101. GENERAL PHYSICS I-ENGINEERING. A calculus-based study of mechanics including kinematics, Newton's laws of motion, work, energy, linear momentum, rotational motion, angular momentum, gravity, equilibrium, fluids, oscillations, traveling and standing waves. Three lectures and one lab per week. Students may not receive credit for both Physics 101 and 121. Corequisite: Mathematics 161. Semester course, four hours.									
PHYS 101 Q L	LABORATORY WORKSHOP	0.00	Dr. Shane C. Brower	25	3	Open	1/17/2022	5/10/2022	DE ONLY	Lab Fee
	PHYS 101. GENERAL PHYSICS I-ENGINEERING. A calculus-based study of mechanics including kinematics, Newton's laws of motion, work, energy, linear momentum, rotational motion, angular momentum, gravity, equilibrium, fluids, oscillations, traveling and standing waves. Three lectures and one lab per week. Students may not receive credit for both Physics 101 and 121. Corequisite: Mathematics 161. Semester course, four hours.									
POLS 204 O	AMERICAN NATIONAL GOVT	3.00	Dr. Caleb A. Verbois	25	2	Open	1/17/2022	5/10/2022	DE ONLY	2 synchronous meetings per week
	POLS 204. AMERICAN NATIONAL GOVERNMENT. A survey of national political institutions including Congress, the Supreme Court, the presidency, public bureaucracy, and a review of selected topics in public policy. Semester course, three hours.									
PSYC 101 O	FOUNDATIONS OF PSYC SCIENCE	3.00	Dr. E W. Throckmorton	25	5	Open	1/17/2022	5/10/2022	DE ONLY	
	PSYC 101. FOUNDATIONS OF PSYCHOLOGICAL SCIENCE. This course is designed to introduce the student to the field of psychology, which is defined as the scientific study of behavior and mental processes. Like other sciences, psychology seeks to explain, predict, and control the events it studies. Students will be exposed to the important theories, methods, and landmark findings that have helped to shape psychology as a field of inquiry. An integral focus of the course will be a consideration of how psychology can contribute to the synthesis of a consistent Christian worldview. Semester course, three hours.									

<u>Course Code</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Instructor</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Status</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Comments</u>	<u>Section Notes</u>
SCIC 202 O	LIFE SCIENCE	4.00	Dr. Brian C. Yowler	25	3	Open	1/17/2022	5/10/2022	DE ONLY	No synchronous requirements
	SCIC 202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal, and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
WRIT 101 O	FOUNDATIONS OF ACADEMIC DISCOURSE	3.00	Mrs. Tracy O. Jackson	18	15	Open	1/17/2022	5/10/2022	DE ONLY	
	WRIT 101. FOUNDATIONS OF ACADEMIC DISCOURSE. A course introducing students to the fundamentals of college composition. Topics include the writing process, rhetorical strategies, basics of critical reading and thinking, and key forms of writing such as informative, evaluative, argumentative, and synthesis. This course serves as a foundation to prepare students to succeed in other academic writing contexts. This course contains the Information Literacy (IL) requirement. Semester course, three hours.									
WRIT 271 O	CREATIVE WRITING	3.00	Dr. Eric A. Potter	20	3	Open	1/17/2022	5/10/2022	DE ONLY	
	WRIT 271. CREATIVE WRITING. An exploration of the elements and techniques of writing short fiction and poetry. Informal lectures and discussions focus on student writing. Students may only receive credit for one of English 271 or Writing 271. Semester course, three hours.									

Early Summer 2022

<u>Course Code</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Instructor</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Status</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Comments</u>	<u>Section Notes</u>
ACCT 201 A	PRINCIPLES OF ACCOUNTING I	3.00	Mrs. Jennifer N. Stone	25	0	Open	6/6/2022	1/1/0001	Online materials fee	
	ACCT 201. PRINCIPLES OF ACCOUNTING I. This introductory course focuses on the preparation and use of accounting information in the financial reporting environment. Emphasis is placed on the understanding and application of steps involved in the accounting cycle as well as on the recognition, measurement, and reporting issues associated with various financial statement accounts for sole proprietorships and partnerships using the accrual basis of accounting. The course also exposes the student to career opportunities in the accounting profession. Fall semester only, three hours plus lab.									
BIOL 314 A	IMMUNOLOGY	3.00	Dr. Devin L. Stauff	25	0	Open	6/6/2022	1/1/0001		BIOL 234
	BIOL 314. IMMUNOLOGY. An exploration of the mammalian immune system on a cellular and molecular level. Beginning with a broad overview of concepts in immunology, the course will explore in detail topics including pattern recognition, clonal selection and deletion, immunological recognition at the molecular level, and lymphocyte development. Lectures are supplemented with three-dimensional molecular modeling assignments. Special topics include the etiology of autoimmune disease and immunoevasive strategies employed by pathogens. Prerequisite: Biology 234. Spring semester only, three hours.									
COMM 406 A	SOCIAL MEDIA WRITING	3.00	Dr. Kimberly M. Miller	25	0	Open	6/6/2022	1/1/0001		
	COMM 406. SOCIAL MEDIA WRITING. This course will explore a variety of social media writing experiences. Solid writing practices will be defined (grammar, structure, research), followed by practical experiential learning where students will write for a variety of online platforms. Students will complete the course with a solid foundation on which to build careers in numerous areas- marketing, writing, and production, among others. While specific platforms will be explored, it is a distinct aim of the course to give students the tools they need to write for existing social media as well as new and emerging media. Prerequisite: Junior or senior standing, or permission of instructor. Online course only, three hours.									
DESI 220 A	DESIGN HISTORY	3.00	Mr. Nathanael E. Mucha	25	0	Open	6/6/2022	1/1/0001		
	DESI 220. DESIGN HISTORY. In this course, students will explore the origins of visual communication and its evolution into the professional discipline commonly referred to as "Design". This is an introductory course that provides students with cultural and contextual understanding of various professional design disciplines. Students will spend time studying art and design movements, trends, and key individuals associated with each. Semester course, three hours.									
EXER 134 A	INTRODUCTION TO NUTRITION	3.00	Dr. Dana L. Ault	25	0	Open	6/6/2022	1/1/0001		
	EXER 134. INTRODUCTION TO NUTRITION. An introduction to the importance of diet for present and future good health. Carbohydrates, fats, proteins, vitamins, and minerals, and their interactions will also be addressed. In addition, the course explores topics such as label-reading, popular diets, dietary analysis, and other issues of current interest in the field of nutrition, including sport and exercise nutrition, supplements, and life-cycle nutrition. Semester course, three hours.									
EXER 215 A	MEDICAL TERMINOLOGY	3.00	Mr. Sean K. Severson	25	0	Open	6/6/2022	1/1/0001		
	EXER 215. MEDICAL TERMINOLOGY. This is a four-week online course that will help train students to understand and speak commonly used terms in various healthcare fields. Topics include word construction, body structure terminology, and terminology related to body systems and disorders. Winter and summer online only, three hours.									

Course Code	Title	Credit Hours	Instructor	Capacity	Enrollment	Status	Begin Date	End Date	Comments	Section Notes
EXER 237 A	SPECIAL TOPICS IN EXERCISE SCIENCE	3.00	Dr. Jeffrey D. Buxton	10	0	Open	6/6/2022	1/1/0001	Undergrads Only	EXER 256
	EXER 237. SPECIAL TOPICS IN EXERCISE SCIENCE. The purpose of this course is to introduce students to the EBP process and develop literacy abilities while investigating hot topics relevant to sport and human performance. Topics covered will include the benefits of EBP and the EBP process, conducting a literature search, appraising literature for best evidence, various topics in sport and human performance (i.e. performance enhancing drugs, movement screening for injury prediction and prevention, concurrent strength and endurance training, weight loss strategies, etc.). Prerequisite: Exercise Science 256. Summer online only, three hours.									
EXER 240 A	DIETARY SUPPLEMENTS	3.00	Dr. Philip J. Prins	15	0	Open	6/6/2022	1/1/0001		EXER 101 or 234
	EXER 240. DIETARY SUPPLEMENTS. This course provides an overview of the dietary supplement industry, current regulations, product development process, and marketing of products. Students will learn how to critically evaluate dietary supplements in terms of claims, efficacy, and safety. This course, offered online, is open to all majors. Prerequisites: Exercise Science 101 or 234. Alternate fall semester and summer online, three hours.									
EXER 244 A	NUTRITION AND HEALTH	3.00	Dr. Philip J. Prins	15	0	Open	6/6/2022	1/1/0001		EXER 101 or 134
	EXER 244. NUTRITION AND HEALTH. A study of the science of nutrition with an emphasis on how nutrition influences health and wellbeing. Students will gain a foundational knowledge of the role of nutrition in the development and treatment of chronic diseases. Prerequisite: Exercise Science 101 or 134. Semester course, three hours.									
EXER 309 A	BIOMECHANICS	3.00	Dr. Hayden D. Gerhart	15	0	Open	6/6/2022	1/1/0001		PHYS 121; EXER 258 or BIOL 346
	EXER 309. BIOMECHANICS. The purpose of this course is to study biomechanical concepts and principles with special focus on their applications in human movement and physical activity. Students will examine the relationship between internal and external biomechanical factors and their effect on human performance and mechanisms of injury. Both qualitative and quantitative approaches will be discussed and applied to movement observation. Prerequisites: Physics 121; and Exercise Science 258 or Biology 346. Fall semester only, three hours.									
HUMA 200 A	WESTERN CIV: FOUNDATIONS	3.00	Dr. Michael L. Coulter	25	0	Open	6/6/2022	1/1/0001		WRIT 101/HUMA 102
	HUMA 200. WESTERN CIVILIZATION: HISTORICAL AND INTELLECTUAL FOUNDATIONS. This course explores the intellectual, cultural, political, and religious foundations of Western Civilization from the ancient Greeks to the modern world, with special emphasis on great thinkers, crucial events, and significant ideas. Prerequisites: Writing 101 and Humanities 102. Students substituting Religion 211 and 212 for Humanities 102 must take either Religion 211 or Religion 212 as a prerequisite for this course. Semester course, three hours.									
HUMA 202 A	CIV/LITERATURE	3.00	Dr. Kristen B. Waha	25	0	Open	6/6/2022	1/1/0001		Undergraduates Only
	HUMA 202. CIVILIZATION AND LITERATURE. A study of great works of literature that represent the major periods in the history of Western civilization. The course explores the nature of God and humanity, the nature of good and evil, the meaning of moral choice, the purpose of life, and the meaning of salvation. Semester course, three hours.									
HUMA 303 A	CHRISTIANITY AND CIVILIZATION	3.00	Dr. Seulgi L. Byun	25	0	Open	6/6/2022	1/1/0001		HUMA 200; 202 or 301
	HUMA 303. CHRISTIANITY AND CIVILIZATION: MODERN AND POSTMODERN CHALLENGES. An examination of the theological and philosophical underpinnings of Christianity, historical and contemporary challenges to Christianity, resources for developing Christian responses to these challenges, and the enduring relevance of the Christian vision of the good life to contemporary life, including vocation. This course is the Humanities capstone. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement. Prerequisites: Humanities 200; and Humanities 202 or 301. Semester course, three hours.									
MATH 141 A	BUSINESS CALCULUS	4.00	Dr. Kelleen H. Bonomo	25	0	Open	6/6/2022	1/1/0001		Online materials fee
	MATH 141. BUSINESS CALCULUS. The differential and integral calculus of elementary functions with applications in business and economics. Students may not receive credit for both Mathematics 141 and 161. Mathematics 161, not 141, is the prerequisite for 162. Semester course, four hours.									
MATH 161 A	CALCULUS I	4.00	Dr. Steven T. Flanders	25	0	Open	6/6/2022	1/1/0001		

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MATH 161 A	MATH 161. CALCULUS I. A first course in calculus that assumes no prior study of the subject. Topics include: limits and continuity, differentiation, curve sketching, the fundamental theorem of calculus, definite and indefinite integrals, and applications. This course fulfills in part the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: High school mathematics including algebra, analytic geometry, and trigonometry. Students may not receive credit for both Mathematics 141 and 161. Semester course, four hours.									
MATH 162 A	CALCULUS II	4.00	Dr. Michael A. Jackson	25	0	Open	6/6/2022	1/1/0001	Online materials fee	
	MATH 162. CALCULUS II. A continuation of Math 161 covering the topics: exponential, logarithmic and inverse trigonometric functions, techniques of integration, parametric equations, sequences, infinite series, and Taylor series. This course fulfills in part the Information Literacy (IL) requirement for the Mathematics major. Prerequisite: Mathematics 161 or permission of instructor. Semester course, four hours.									
MECE 214 A	THERMODYNAMICS	3.00	Dr. Erik R. Bardy	15	0	Open	6/6/2022	1/1/0001	MATH 162	
	MECE 214. THERMODYNAMICS. The study of the fundamental principles and some applications of classical thermodynamics. Topics include properties of pure substances; heat, work, and mass transfer; first law of thermodynamics; second law of thermodynamics; entropy; gas power cycles; vapor power cycles; and refrigeration cycles. Prerequisite: Mathematics 162. Spring semester only, three hours.									
MECE 416 A	SURVEY OF RENEWABLE ENERGY SYSTEMS	3.00	Dr. Erik R. Bardy	15	0	Open	6/6/2022	1/1/0001	MECE 326	
	MECE 416. SURVEY OF RENEWABLE ENERGY SYSTEMS. A survey of the technical and social aspects of alternative and renewable energy systems. Topics include hydropower, wind energy, solar power, biomass, fuel cells and hydrogen economy, nuclear power, and geothermal and ocean energy. Prerequisite: Mechanical Engineering 326. Spring semester only, three hours.									
MNGT 106 A	FUNDAMENTALS OF BUSINESS	3.00	Dr. Christy L. Crute	25	0	Open	6/6/2022	1/1/0001		
	MNGT 106. FUNDAMENTALS OF BUSINESS. A general introduction to the organizational environment and operations of contemporary businesses. The course examines the United States business system and how it interacts with global systems; the basic management functions of planning, organizing, leading, and controlling; entrepreneurship and small businesses; marketing processes and consumer behavior; managing operations and information; and financial management. Integrated into these topics are Christian principles that should guide ethical business practices. Semester course, three hours.									
MNGT 110 A	EXCEL	3.00	Mrs. Jennifer S. Miller	25	0	Open	6/6/2022	1/1/0001	Fee Required	
	MNGT 110. EXCEL. Nearly all businesses require new hires to be proficient in business uses of Excel. Students will learn how to use Excel in a variety of business fields. This course culminates in a final exam that, if successful, will result in students achieving Microsoft certification in Excel. Semester course, three hours.									
MNGT 201 A	BUSINESS STATISTICS	3.00	Mr. Glenn M. Grossman	25	0	Open	6/6/2022	1/1/0001	Online materials fee	
	MNGT 201. BUSINESS STATISTICS. A course designed to familiarize the student with basic statistical techniques used in the management decision-making process, including probability distributions, descriptive statistics, confidence intervals, hypothesis testing, and parametric and nonparametric hypothesis testing. Students may only receive credit for one of Management 201, Mathematics 201, or Psychology 201. Semester course, three hours.									
MNGT 214 A	BUSINESS, ETHICS, & SOCIETY	3.00	Dr. Wayne A. Biddle	25	0	Open	6/6/2022	1/1/0001	BUSA/ACCT MAJ ONLY	
	MNGT 214. BUSINESS, ETHICS, AND SOCIETY. An examination of various ethical and moral issues arising in contemporary business and its activities which affect our society and the world. This course also examines the nature and purpose of economic life and contemporary business, especially from the Christian perspective. This course satisfies the Writing Intensive (WI) and Information Literacy (IL) requirements for all business majors. Prerequisite: Sophomore standing and Business Program majors only. Semester course, three hours.									

Course Code	Title	Credit Hours	Instructor	Capacity	Enrollment	Status	Begin Date	End Date	Comments	Section Notes
PSYC 101 A	FOUNDATIONS OF PSYC SCIENCE	3.00	Dr. Joseph J. Horton	25	0	Open	6/6/2022	1/1/0001		
	PSYC 101. FOUNDATIONS OF PSYCHOLOGICAL SCIENCE. This course is designed to introduce the student to the field of psychology, which is defined as the scientific study of behavior and mental processes. Like other sciences, psychology seeks to explain, predict, and control the events it studies. Students will be exposed to the important theories, methods, and landmark findings that have helped to shape psychology as a field of inquiry. An integral focus of the course will be a consideration of how psychology can contribute to the synthesis of a consistent Christian worldview. Semester course, three hours.									
PSYC 312 A	ABNORMAL PSYCHOLOGY	3.00	Dr. E W. Throckmorton	25	0	Open	6/6/2022	1/1/0001		
	PSYC 312. ABNORMAL PSYCHOLOGY. This course provides an overview of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on classification, etiology, assessment and treatment of the major disorders. Prerequisites: Psychology 101 and three hours of psychology. Semester course, three hours.									
PSYC 390 A	STUDY: ADDICTION COUNSELING	3.00	Dr. E W. Throckmorton	25	0	Open	6/6/2022	1/1/0001	UG ONLY	
	PSYC 390. STUDIES IN PSYCHOLOGY. This course, which varies each semester, involves the examination of different areas of psychology with a focus on new areas not covered in regular coursework. Offered periodically, semester course, one, two or three hours.									
SCIC 202 A	LIFE SCIENCE	4.00	Dr. Devin L. Stauff	25	0	Open	6/6/2022	1/1/0001		
	202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 202 L L	LABORATORY	0.00	Dr. Devin L. Stauff	25	0	Open	6/6/2022	1/1/0001		Lab Fee
	202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal and population biology. No credit will be given to students who have already received credit for Biology 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 203 A	ATOMS, MOLECULES & MATERIAL WORLD	4.00	Dr. Michael F. Falcetta	25	0	Open	6/6/2022	1/1/0001		
	203. ATOMS, MOLECULES AND THE MATERIAL WORLD. This course is designed to make chemistry accessible to anyone with the desire to understand the chemical world in which we live. A strong emphasis on chemical reactions as well as on the basic theoretical principles that underlie chemistry are presented. An integral part of this course is the development of problem solving skills. No credit will be given to students who have already received credit for Chemistry 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									
SCIC 203 L L	LABORATORY	0.00	Dr. Michael F. Falcetta	25	0	Open	6/6/2022	1/1/0001		Lab Fee
	203. ATOMS, MOLECULES AND THE MATERIAL WORLD. This course is designed to make chemistry accessible to anyone with the desire to understand the chemical world in which we live. A strong emphasis on chemical reactions as well as on the basic theoretical principles that underlie chemistry are presented. An integral part of this course is the development of problem solving skills. No credit will be given to students who have already received credit for Chemistry 101. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week. Semester course, four hours.									

Late Summer 2022

<u>Course Code</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Instructor</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Status</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Comments</u>	<u>Section Notes</u>
ACCT 202 A	PRINCIPLES OF ACCOUNTING II	3.00	Mrs. Jennifer N. Stone	25	0	Open	7/5/2022	1/1/0001	Online Materials Fee	
	ACCT 202. PRINCIPLES OF ACCOUNTING II. Course topics include accounting for debt and stockholder's equity, financial statement analysis, statement of cash flows, as well as introductions to managerial accounting techniques including cost-volume-profit analysis, budgeting, product costing, standard costs, and decision-making analysis. Prerequisite: Accounting 201. Spring semester only, three hours plus lab.									
ASTR 207 A	INTRO TO STARS/GALAXIES/COSMOLOGY	3.00	Dr. James L. Clem	25	0	Open	7/4/2022	1/1/0001		
	ASTR 207. INTRODUCTION TO STARS, GALAXIES, AND COSMOLOGY. An introduction to modern astronomy with an emphasis on the nature of the universe and objects within it. Topics include the properties of stars, the stellar life cycle, galaxies, and cosmology. Includes an observational project. Open to all students. Spring semester only, three hours.									
DESI 110 A	DESIGN SOFTWARE FOR BEGINNERS	3.00	Mr. Nathanael E. Mucha	25	0	Open	7/5/2022	1/1/0001		
	DESI 110. DESIGN SOFTWARE FOR BEGINNERS. Adobe Creative Suite is the industry-standard tool set for virtually every design practitioner. In this class, students learn about Adobe Creative Cloud and how to use Photoshop, Illustrator, and InDesign while integrating them in a logical workflow. Semester course, three hours.									
EXER 101 A	INTRODUCTION TO EXERCISE SCIENCE	2.00	Dr. Dana L. Ault	25	0	Open	7/4/2022	1/1/0001		
	EXER 101. INTRODUCTION TO EXERCISE SCIENCE. This course introduces students to the field of Exercise Science, requirements for professional certification, graduate school requirements, and career options in both health fitness and clinical fields. Lecture topics will include the mission and vision of the American College of Sports Medicine (ACSM), the Commission on Accreditation for Exercise Science, and the Department of Exercise Science. Students will become familiar with the ACSM JTAs (Job Task Analysis) which will be covered across the Exercise Science curriculum. Students will begin to create individual portfolios to show how the JTAs and department objectives are met across the curriculum. Semester course, two hours.									
EXER 203 A	EXERCISE AND SPORT PSYCHOLOGY	3.00	Dr. Dana L. Ault	25	0	Open	7/4/2022	1/1/0001		EXER 101
	EXER 203. EXERCISE AND SPORT PSYCHOLOGY. This course provides an overview of psychological theory, research and methodology with an emphasis on application within diverse exercise settings. Topics include the history and development exercise psychology, personal and environmental factors of physical activity, use of counseling skills for behavior modification, and group processes within physical activity and exercise. Prerequisite: Exercise Science 101. Spring semester only, three hours.									
EXER 215 A	MEDICAL TERMINOLOGY	3.00	Mr. Sean K. Severson	25	0	Open	7/4/2022	1/1/0001		
	EXER 215. MEDICAL TERMINOLOGY. This is a four-week online course that will help train students to understand and speak commonly used terms in various healthcare fields. Topics include word construction, body structure terminology, and terminology related to body systems and disorders. Winter and summer online only, three hours.									
EXER 307 A	EXERCISE PRESCRIPTION	3.00	Dr. Jeffrey D. Buxton	10	0	Open	7/4/2022	1/1/0001		EXER 256
	EXER 307. EXERCISE PRESCRIPTION. This course focuses on developing exercise prescriptions for healthy populations as well as those with chronic diseases. Prescriptions will be based on possible client goals of improved health, fitness or quality of life (abilities to perform activities of daily living). All course work will follow the standards set by the American College of Sports Medicine. This course meets the Speaking Intensive (SI) requirement for the Exercise Science major. Prerequisite: Exercise Science 256. Fall semester only, three hours.									

Course Code	Title	Credit Hours	Instructor	Capacity	Enrollment	Status	Begin Date	End Date	Comments	Section Notes
EXER 313 A	ADVANCED EXERCISE PHYSIOLOGY	3.00	Dr. Hayden D. Gerhart	15	0	Open	7/4/2022	1/1/0001		EXER 256 & 258
	EXER 313. ADVANCED EXERCISE PHYSIOLOGY. This course will focus on the integrative physiology and physiological responses to exercise. Specifically, this course will cover energetics, metabolism, and endocrine physiology, as well as discuss cardiovascular hemodynamics in various environments and respiratory exercise physiology. Prerequisites: Exercise Science 256 and 258. Fall semester only, three hours.									
HUMA 102 A	CIV/BIBLICAL REVELATION	3.00	Dr. George V. Campbell	25	0	Open	7/4/2022	1/1/0001		
	HUMA 102. CIVILIZATION AND THE BIBLICAL REVELATION. A study of Christian revelation and how it influenced the course of Western civilization. It focuses on key texts that are foundational for theology, cosmology, epistemology, human nature, society, and ethics. This course contains the second component of the across-the-curriculum Information Literacy (IL) requirement. The year-long course sequence of Religion 211 and 212 may substitute for this course. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement. Semester course, three hours.									
HUMA 200 A	WESTERN CIV: FOUNDATIONS	3.00	Dr. Elizabeth Baker	25	0	Open	7/4/2022	1/1/0001		WRIT 101/HUMA 102
	HUMA 200. WESTERN CIVILIZATION: HISTORICAL AND INTELLECTUAL FOUNDATIONS. This course explores the intellectual, cultural, political, and religious foundations of Western Civilization from the ancient Greeks to the modern world, with special emphasis on great thinkers, crucial events, and significant ideas. Prerequisites: Writing 101 and Humanities 102. Students substituting Religion 211 and 212 for Humanities 102 must take either Religion 211 or Religion 212 as a prerequisite for this course. Semester course, three hours.									
MATH 110 A	COLLEGE ALGEBRA	3.00	Dr. Steven T. Flanders	25	0	Open	7/4/2022	1/1/0001		Online Materials Fee; Not a Quant/Logic Req.
	MATH 110. COLLEGE ALGEBRA. Designed to help prepare students for success specifically in Business Calculus as well as in Pre-Calculus, this course offers a thorough treatment of linear and quadratic equations and inequalities, rational and radical equations, and functions and their graphs. A basic understanding of high school algebra is presumed. This course does not satisfy the Quantitative/Logical Reasoning requirement. Semester course, three hours.									
	Note: This online course will be run asynchronously. This will allow for extensive flexibility in when you complete your coursework; however, it also requires you as a student to take an extensive amount of responsibility for your progress through the learning of the material.									
MATH 111 A	PRE CALCULUS	3.00	Dr. Dale L. McIntyre	25	0	Open	7/4/2022	1/1/0001		
	MATH 111. PRE-CALCULUS. Designed to help prepare students for success in Physics 121 or Calculus I, this course offers a thorough treatment of function theory, analytic geometry, exponential and logarithmic functions, and trigonometry. A basic understanding of high school algebra and analytic geometry is presumed. Semester course, three hours.									
MATH 201 A	STATISTICAL METHODS	3.00	Dr. Steven T. Flanders	25	0	Open	7/4/2022	1/1/0001		Online materials fee
	MATH 201. STATISTICAL METHODS. An introduction to the basic methods and techniques of statistical inference including descriptive measures, probability distributions, tests of hypotheses, interval estimation, and analysis of variance. Students may only receive credit for one of Mathematics 201, Management 201, or Psychology 201. Three hours.									
	Note: This online course will be run asynchronously. This will allow for extensive flexibility in when you complete your coursework; however, it also requires you as a student to take an extensive amount of responsibility for your progress through the learning of the material.									
MECE 107 A	ENGINEERING GRAPHICS	2.00	Dr. John M. Dixon	15	0	Open	7/4/2022	1/1/0001		
	MECE 107. ENGINEERING GRAPHICS. A study of the principles of engineering drawing, including detailed part drawings. Students will learn to read and create detailed technical drawings. Topics include orthographic and pictorial views, section views, and auxiliary views. Dimensioning and tolerancing in accordance with ANSI Y14.5, including geometric dimensioning and tolerancing is emphasized. Fall semester only, two hours.									

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MNGT 103 A	PRINCIPLES OF MANAGEMENT	3.00	Dr. Christy L. Crute	25	0	Open	7/5/2022	1/1/0001	Online Materials Fee	
	MNGT 103. PRINCIPLES OF MANAGEMENT. An introduction to the theory and practice of management. Students are introduced to management history, ethics, global issues, and other challenges. The four basic managerial functions of planning, organizing, leading, and controlling are explored in detail. Throughout, attention is given to a Christian perspective on these topics. Semester course, three hours.									
MNGT 458 A	ORGANIZATIONAL BEHAVIOR	3.00	Dr. Wayne A. Biddle	25	0	Open	7/5/2022	1/1/0001		
	MNGT 458. ORGANIZATIONAL BEHAVIOR. An examination of individual, interpersonal, and organizational processes in contemporary organizations emphasizing motivation, job design, performance management, group and team dynamics, leadership, and decision-making. Also covered are organizational culture, design, and change management. The course emphasizes contemporary theories and trends in organizational structures and processes. The course includes extensive use of case studies and applications of theories to management practice. Prerequisite: Management 103. Semester course, three hours.									
PHYS 121 A	COLLEGE PHYSICS I	4.00	Dr. Shane C. Brower	25	0	Open	7/4/2022	1/1/0001		Course materials fee
	PHYS 121. COLLEGE PHYSICS I. A study of mechanics at the pre-calculus level with applications to the life sciences. Topics include kinematics, Newton's laws, work, energy, momentum, angular motion, fluids, oscillations, and gravity. Three lectures and one workshop per week. Students may not receive credit for both Physics 101 and 121. Fall semester only, four hours.									
PHYS 121 B	COLLEGE PHYSICS I	4.00	Dr. Shane C. Brower	25	0	Open	7/4/2022	1/1/0001		Course materials fee
	PHYS 121. COLLEGE PHYSICS I. A study of mechanics at the pre-calculus level with applications to the life sciences. Topics include kinematics, Newton's laws, work, energy, momentum, angular motion, fluids, oscillations, and gravity. Three lectures and one lab per week. Students may not receive credit for both Physics 101 and 121. Fall semester only, four hours.									
PHYS 121 L L	LABORATORY WORKSHOP	0.00	Dr. Shane C. Brower	25	0	Open	7/4/2022	1/1/0001		Lab Fee
	PHYS 121. COLLEGE PHYSICS I. A study of mechanics at the pre-calculus level with applications to the life sciences. Topics include kinematics, Newton's laws, work, energy, momentum, angular motion, fluids, oscillations, and gravity. Three lectures and one lab per week. Students may not receive credit for both Physics 101 and 121. Fall semester only, four hours.									
PHYS 121 M L	LABORATORY WORKSHOP	0.00	Dr. Shane C. Brower	25	0	Open	7/4/2022	1/1/0001		Lab Fee
	PHYS 121. COLLEGE PHYSICS I. A study of mechanics at the pre-calculus level with applications to the life sciences. Topics include kinematics, Newton's laws, work, energy, momentum, angular motion, fluids, oscillations, and gravity. Three lectures and one lab per week. Students may not receive credit for both Physics 101 and 121. Fall semester only, four hours.									
PSYC 101 A	FOUNDATIONS OF PSYC SCIENCE	3.00	Dr. Joseph J. Horton	25	0	Open	7/5/2022	1/1/0001		
	PSYC 101. FOUNDATIONS OF PSYCHOLOGICAL SCIENCE. This course is designed to introduce the student to the field of psychology, which is defined as the scientific study of behavior and mental processes. Like other sciences, psychology seeks to explain, predict, and control the events it studies. Students will be exposed to the important theories, methods, and landmark findings that have helped to shape psychology as a field of inquiry. An integral focus of the course will be a consideration of how psychology can contribute to the synthesis of a consistent Christian worldview. Semester course, three hours.									
PSYC 207 A	PSYCHOLOGY OF PERSONALITY	3.00	Dr. E W. Throckmorton	25	0	Open	7/5/2022	1/1/0001		
	PSYC 207. PSYCHOLOGY OF PERSONALITY. A study of the major psychological theories of personality development and their application to applied psychology. Prerequisite: Psychology 101. Semester course, three hours.									

<u>Course Code</u>	<u>Title</u>	<u>Credit Hours</u>	<u>Instructor</u>	<u>Capacity</u>	<u>Enrollment</u>	<u>Status</u>	<u>Begin Date</u>	<u>End Date</u>	<u>Comments</u>	<u>Section Notes</u>
PSYC 208 A	SOCIAL PSYCHOLOGY	3.00	Dr. E W. Throckmorton	25	0	Open	7/5/2022	1/1/0001		
	PSYC 208. SOCIAL PSYCHOLOGY. The scientific study of the way individuals think, feel, and behave under the actual, imagined, or implied presence of others. Our study of social psychology will investigate the relationship between attitudes and behavior, attribution theory, cultural influences, conformity, prejudice, aggression, attraction, altruism, conflict, etc. We will concentrate on applying social psychology to real world experiences and will include in-depth analysis of original literature. Semester course, three hours.									