



GUARANTEED ADMISSION AGREEMENT

(2+2 Program)

THIS GUARANTEED ADMISSION and Articulation AGREEMENT (the "Agreement"), is made and entered into May 9th, 2023 ("Effective Date"), by and between Concord University ("CU") and NEW RIVER COMMUNITY AND TECHNICAL COLLEGE ("Affiliate"),

(collectively the "Parties" and sometimes individually as a "Party").

WITNESSETH:

WHEREAS, the Concord University is the statutorily created governing board which operates Concord University; and

NOW, THEREFORE, in consideration of the covenants and conditions herein contained, CU and Affiliate hereby agree as follows:

1. Purpose. These guidelines are designed to facilitate and coordinate the articulation transfer processes and procedures, enhance advising, and promote the acceptance of equivalent courses/credits between CU and New River CTC allowing for an efficient and effective transition from an Associate's degree to a Baccalaureate degree.

2. Admissions Practices.

2.1. CU encourages applications from articulating Affiliate students who wish to pursue a baccalaureate degree program at CU (post Associate's degree).

2.2. Articulating Affiliate students who graduate with an Associate's degree and have a transferable GPA of at least 2.0 and are in good standing are guaranteed admission to CU. Guaranteed admission to CU does not mean such students are guaranteed admission to their articulated majors without satisfying the CU major criteria.

2.3. Students transferring from Affiliate to specific CU programs must meet the same prerequisites, grade point average (GPA) and other admission criteria, as other native or transfer students applying to CU programs, unless specifically outlined as part of an articulated pathway.

3. Acceptance and Application of Credits.

3.1. General Education. Students completing an Associate of Arts or Associate of Science degree at Affiliate will have satisfied the general education requirements at CU. Transcripts of students completing an Associate of Applied Science at Affiliate will be reviewed by CU to determine which of the general education requirements are met.

3.2. Transferring Affiliate applicants must follow all course hierarchies and meet all listed course and GPA requirements, as outlined by the approved CU articulation pathway, for acceptance into their intended program. The ALEKS Math Assessment may be required for certain major specific courses, e.g. MATH or CHEM. Further information is included in the advising sheets specific to those majors.

3.3. College level course credits and grades accepted by CU are transferable.

3.4. CU will evaluate courses/credits earned through Advanced Placement (AP), College-Level Examination Program (CLEP), International Baccalaureate (IB) programs, military credit, or other sources of prior learning credit. Credit is not guaranteed for courses not previously articulated in CU's transfer equivalency database and will be reviewed for credit consistent with CU's standards and pre-established course equivalencies.

3.5. CU and New River CTC will maintain course equivalency information and make this information readily available to both parties.

3.6. Students articulating from Affiliate will be required to complete at minimum thirty (30) of their final thirty-six (36) credit hours at CU (in residence).

4. Reverse Transfer

4.1. Students who transfer to CU from Affiliate prior to earning their associate degree will be eligible to participate in the Reverse Transfer initiative, so long as they have residency at Affiliate to make them eligible.

4.2. Reverse Transfer may be prescribed as part of a transfer guide or for those students who transfer organically.

5. Dual Enrollment

5.1. Aid eligible students pursuing plans of study that require dual enrollment between Affiliate and CU must work with Affiliate to complete a consortium

agreement in order to have aid eligibility determined for the coursework taken through CU.

6. Review of Agreement and Relationship. CU and Affiliate agree to review the Agreement and relevant transfer course equivalencies annually. Affiliate will designate an individual to serve as liaison for the purposes of monitoring this Agreement.

7. Curriculum Transfer Guides and Amendments.

7.1. The curriculum transfer guides in effect at the time a student first enrolls at Affiliate will be honored by CU if the student completes an Associate's degree and successfully transfers to CU within four (4) years of that first enrollment at Affiliate.

7.2. All course-by-course transfer guides may be amended as needed. Initial agreement is attached to this document. The transfer agreement for Education and Social Work currently in place remain in effect and will be part of this agreement.

8. Term and Termination. This Agreement will remain in effect for five (5) years as of the Effective Date, unless earlier terminated by either Party upon written notice to the other Party of an intention to terminate and may be renewed upon mutual written agreement of the Parties. Such notice will be effective only if given one hundred eighty (180) days prior to the intended date of termination. In the event that this Agreement is terminated, the terms of the Agreement contained herein will remain in effect for the Affiliate students accepted prior to the date of termination notice.

9. Notices. Any written notice required by this Agreement shall be sent by certified mail, return receipt requested, to the address given below or to such later address as may be specified in writing. Any prior written notice periods required by this Agreement shall be deemed to be effective upon receipt if sent in accordance with this notice provision.

If to CU: President
 Concord University
 1000 Vermillion Street
 Athens, WV 24712

If to Affiliate: President
 New River Community and Technical College
 280 University Drive
 Beaver, WV25813

10. Non-Discrimination. The Parties shall not discriminate on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression.

11. Independent Contractor. The relationship between the Parties to this Agreement to each other is that of independent contractors. The relationship of the Parties to this contract to each other shall not be construed to constitute a partnership, joint venture or any other relationship, other than that of independent contractors.

12. Liability. Each Party agrees that it shall be responsible for all demands, claims, damages to persons and/or property, losses or liabilities, including reasonable attorney fees arising out of or caused by the Party's negligence or intentional misconduct, if assessed by a court of competent jurisdiction to be the responsibility of that Party.

13. FERPA. Affiliate acknowledges that students' educational records are protected by the Family Educational Rights and Privacy Act ("FERPA" 34 CFR § 99.33(a)(2)) and that, in most instances, student permission must be obtained before releasing specific student data to anyone other than CU. To the extent that Affiliate receives from CU personally identifiable information from educational records as defined in FERPA, Affiliate agrees to abide by the limitation on re-disclosure set forth in FERPA, which states that the officers, employees, and agents of a Party that receives education record information from CU may use the information, but only for the purposes for which the disclosure was made. CU agrees to provide guidance to Affiliate with respect to complying with FERPA.

14. Severability. If any portion of this Agreement shall for any reason be invalid, illegal, unenforceable, or otherwise inoperative, the valid and enforceable provisions will continue to be given effect and to bind the Parties.

15. Use of Name. Neither Party shall use the name or logo of the other Party or their trade, assumed, or true names in any advertising, promotional, or other materials in any form of media without the prior written consent of that Party.

16. Entire Agreement. All "pathway", "suggested plan of study", or other agreements pertaining to the courses to be taken in relation to the transfer process contemplated herein are incorporated herein by reference. Otherwise, this Agreement contains the entire agreement of the Parties as to this subject matter and supersedes any previous oral or written negotiations and/or agreement.

17. Counterparts and Signatures. This Agreement may be executed in two (2) or more counterparts, each of which shall be deemed an original but which together shall constitute one (1) and the same instrument. Facsimile or scanned images of signatures upon this Agreement shall be binding on the Party so signing as if an original signature and shall have the full force and effect thereof.

18. Assignment. This Agreement may not be assigned by either Party without prior written consent to the other Party hereto; provided, that CU may assign this Agreement to a successor board, agency or commission of the State of West Virginia by giving written notice to Affiliate.

19. Modifications and Amendments. This Agreement may be modified at any time upon mutual consent in writing of the Parties signed by all the Parties hereto. Any proposed change must be made in writing to the other Party and must be accepted in writing before it will take effect.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK;
SIGNATURES TO FOLLOW ON NEXT PAGE.]

IN WITNESS WHEREOF, the authorized Parties have hereunto set their hands and seals on the date first written above.

CONCORD UNIVERSITY

Kendia L. Duggess

President

5/9/2023

Date

NEW RIVER COMMUNITY AND TECHNICAL COLLEGE

Bro Copeland

President

5/9/2023

Date

Articulation Agreement

Between

Concord University

And

New River Community and Technical
College

Concord University			New River CTC		
General Education			General Education		
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
ENGL 101	Composition and Rhetoric I	3	ENGL 101	Composition	3
ENGL 102	Composition and Rhetoric I	3	ENGL 102	Research	3
BGEN 205	Fundamentals of Business Communications	3	BUSN 232	Business & Professional Communications	3
COMM 101	Fundamentals of Speech	3	COMM 208	Fundamentals of Public Speaking	3
ENGL 203	World Literature I	3	ENGL 201	The Humanistic Tradition	3
ENGL 204	World Literature II	3	ENGL 205	The Modern Tradition	3
HIST101	History of Civilization	3	HIST 101	World Civilization	3
HIST 102	History of Civilization	3	HIST 102	World Civilization	3
HIST 203	History of the United States	3	HIST 105	American History	3
HIST 204	History of the United States	3	HIST 106	American History	3
PHIL 101	Introduction to Philosophy	3	HUMN 222	Philosophy	3
Art 101	Introduction to Visual Arts	3	FINA 101	Introduction to Visual Arts	3
THEA 102	Introduction to Theatre	3	THEA 101	Introduction to Theater	3
BGEN 105	Introduction to Business	3	BUSN 100	Introduction to Business	3
ECON 203	Principles of Microeconomics	3	ECON 212	Principles of Economics (Microeconomics)	3
ECON 204	Principles of Macroeconomics	3	ECON 211	Principle of Economics (Macroeconomics)	3
HSP 100	Introduction into Recreation and Tourism Management	3	HOSP 220	Introduction to Hospitality Management	3
SOWK 161	Introduction to Social Work	3	SOWK 161	Introduction to Social Work	3
POSC 104	American Federal Government	3	POSC 200	American Government and Economy	3
POSC 202	State and Local Government	3	POSC 210	State and Local Government	3
PSY 101	General Psychology	3	PSYC 103	General Psychology	3
SOC 101	Introduction to Sociology	3	SOCI 210	Principles of Sociology	3
SOC 301	Sociology of Families	3	SOCI 224	Marriage and Family Relations	3
BIOL 121	Foundations of Biology I	4	BIOL 101/103L	General Biology and Lab	4
BIOL 122	Foundations of Biology II	4	BIOL 102/104L	General Biology and Lab	4
CHEM 100	Fundamentals of Chemistry	3	CHEM 100	Introduction to Chemistry	4
CHEM 101	General Chemistry I	3	CHEM 101	General Chemistry	3
CHEM 111	General Chemistry Laboratory I	1	CHEM 103L	General Chemistry and Lab	1
PHSC 103	Concepts in Physical Science: Physics/Chemistry	4	PHSC 103	Physical Science Survey	3
			PHSC 103L	Physical Science Lab	1
MATH	Any Mathematic Course Numbered 100 or Higher	3	Math 101/ Math 109	General Mathematics / Algebra	3
H ED 120	Personal Health	2	PHED 262	Strength Training I	2
H ED 304	Principles of Nutrition and Weight Management				
P ED 101 M	Personal Wellness	2	HLTH 110	Health Promotion & Protection	3
Total		103	Total		103

Concord University		New River CTC	
Course	Course Description	Course	Course Description
ACCT 205 Principles of Accounting I (3)	The study of fundamental accounting theory and procedures, including the organization of accounts, the accounting cycle, time value of money concepts, and the preparation of financial statements for sole proprietorships and corporations.	ACCT 201 Principles of Accounting I (3)	A survey of accounting principles, concepts, and procedures. Recognition of accounting as a device to measure financial activity of for-profit organizations, using financial statements. Introduction of the accounting information cycle, journals, ledgers, and appropriate accounts. Pre-requisite: Eligibility to enroll in MATH 101
ACCT 206 Principles of Accounting II (3)	Prerequisites: <u>ACCT 205</u> Further fundamental study of the accounting process as applied to preparation of the financial statements (cash flows), manufacturing accounting, and managerial accounting issues.	ACCT 202 Principles of Accounting I (3)	A continuation of ACCT 201. Introduction to cost accumulations and allocations, financial statement analysis, and the use of accounting information for internal and external decision making. Pre-requisite: ACCT 201
ART 101 Introduction to Visual Arts (3)	Introduction to Visual arts is a study of the visual arts (painting and sculpture, crafts, architecture and design, photography, film and video) and their relationships to other human activities, emphasizing the arts of this century. This course can be used to satisfy the Fine Arts requirement of in the General Education Program. A grade of C or better is required for credit for art majors.	FINA 101 Introduction to Visual Arts (3)	This is an introductory course open to all students that provides a study of the elements of art and principles of design; encompassing drawing, painting, printmaking, camera and computer arts, design, sculpture, architecture, and mixed media. Emphasis will be placed on vocabulary, technical aspects of each medium, development of styles, principles of aesthetics, and concepts of art. Students will become acquainted to western and non-western art movements and how these movements influence contemporary art making and theory. A grade of C or better is required for credit for art majors.
BIOL 121 Foundations of Biology I (4)	Co-requisites: <u>BIOL 121L</u> Introduction to scientific methodology and critical thinking in science. Topics covered will include biochemistry, cellular structure and function, cell division, DNA replication, protein synthesis, genetics, and biotechnology with legal and ethical implications. Biology majors must complete with a C or better to enroll in 200 level or higher biology courses. Three hours lecture, two hours laboratory.	BIOL 101 /103 General Biology and Lab (3) (1)	An introductory course concerned with the chemical and physical organization of life, metabolism, reproduction, and heredity at the cellular level. Laboratory sessions designed to reinforce lecture in BIOL 10
BIOL 122 Foundations of Biology II (4)	Co-requisites: <u>BIOL 122L</u> Introduction to scientific methodology and critical thinking in science. Topics covered will include evolution, taxonomy of organisms, animal and plant anatomy and physiology, and ecology. Biology majors must complete with a C or better to enroll in 200 level or higher biology courses. Three hours lecture, two hours laboratory.	BIOL 102/104 General Biology and Lab (3) (1)	An introductory course concerned with ecology, evolution, plant and animal diversity, anatomy and physiology of plants and animals. Pre-requisite: Eligibility for enrollment in ENGL 101 Laboratory sessions designed to reinforce lecture in BIOL 102.
Science Elective		BIOL 205/206 Kinesiology and Lab (3) (1)	This course presents a working knowledge of biomechanical principles for use in the evaluation and treatment of musculoskeletal dysfunction. It will address the biomechanics of musculoskeletal tissues and structures, the biomechanics of the most commonly injured human joints, and applied biomechanics. Special emphasis will be placed on musculoskeletal anatomy and physiology as each student will be responsible for learning origins, insertions, and actions of the prime movers of the primary articulation. Pre-requisite: (BIOL 231 and BIOL 233L) or consent of instructor. Co-requisite: BIOL 206L. Laboratory sessions designed to reinforce lecture in BIOL 205. Pre-requisite: (BIOL 231 and BIOL 233L) or consent of instructor. Co-requisite: BIOL 205.
BIOL 335 Human Anatomy and Physiology I (4)	Prerequisites: <u>BIOL 101</u> , <u>BIOL 121</u> , or <u>BIOL 122</u> , or permission of instructor. Co-requisites: <u>BIOL 335L</u> Chemistry of biomolecules. Structure and function of cells and tissues. Anatomy and physiology of the human integumentary, skeletal, and nervous systems. Relationship of homeostasis to health. Laboratory includes detailed study of macroscopic and microscopic anatomy. Three hours lecture, two hours laboratory.	BIOL 231/233 Human Anatomy and Physiology I and Lab (3) (1)	An in-depth study including biochemistry, cells, tissues, and organs of the integumentary, skeletal, muscular, nervous, and endocrine systems. The structure and functions of these systems and their role in the maintenance of homeostasis are addressed. Co-requisite: BIOL 233L. Laboratory sessions are designed to reinforce lecture in BIOL 231. Sessions consist of observing, reporting, and interpreting biological phenomena

BIOL 336 Human Anatomy and Physiology II (4)	Prerequisites: <u>BIOL 335</u> or permission of instructor. Co-requisites: <u>BIOL 336L</u> Anatomy and physiology of the human endocrine, lymphatic, immune, cardiovascular, digestive, urinary, and reproductive systems. Laboratory includes detailed study of macroscopic and microscopic anatomy and exploration of physiological concepts. Three hours lecture, two hours laboratory.	BIOL 232 / 234 Human Anatomy and Physiology II and Lab (3) (1)	A continuation of Biology 231. Studies include cells, tissues, and organs of the cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems and human development. Pre-requisite: BIOL 231 and BIOL 233L. Co-requisite: BIOL 234L Laboratory sessions are designed to reinforce lecture in BIOL 232. Sessions consist of observing, reporting, and interpreting biological phenomena.
BGEN 105 Introduction to Business (3)	This course provides students with an overview of basic business concepts in accounting, finance, marketing, management, globalization, and human resource management. Other topics introduced include: managing in a rapidly changing business environment, social responsibilities, environmental issues, and ethics. Note: This course is not be counted as a business elective, but may be used as a general education or general elective.	BUSN 100 Introduction to Business (3)	This is an orientation course. Areas covered include the role of management, functions of business, and the structure of private business.
BGEN 205 Fundamentals of Business Communication (3)	Prerequisites: Keyboarding proficiency, <u>ENGL 101</u> Provides the knowledge and develops the skills that students will need to communicate successfully in an employment environment. Related topics integrated throughout the course through exploration of case study analyses include global communication, business ethics, diversity challenges, and the evolving factors that affect business communication. The course focuses on developing proper communication techniques required for formatting and writing a variety of business documents based on the development of communication strategy. The preparation of resumes, application letters, and related career development skills are also significant topics explored.	BUSN 232 Business Communicati on (3)	This course is designed to help the student write clear and concise business letters, memos, reports, and e-mail communications. Students will deliver individual and group presentations. Other topics covered are the communication process, verbal and nonverbal communication, job and employment processes, résumés, and cover letters. Electronic communication is integrated into this course by using the internet, e-mail, library electronic reserves, and presentation software. Pre-requisite: ENGL 101 or equivalent.
BGEN 301 Principles of Business Law (3)	This course explores the legal environment in which businesses operate. Topics include the Uniform Commercial Code, torts and crimes, contracts, sales, and legal aspects of the use of technology. Ethical and criminal implications of business actions are also included.	BUSN 210 Business Law and the Legal Environment (3)	Function and evolution of law, courts and procedures, torts, contracts, sales agency, business organizations, property, estates, employment law, and bankruptcy.
CHEM 100 Fundamentals of Chemistry (3)	An introduction to basic chemistry concepts and calculations. Three hours lecture.	CHEM 100 (4)	This course is designed to provide a basic background in the area of chemistry for students planning to take general chemistry. This course will not meet the general studies requirements, but will meet the chemistry requirement for acceptance into health-related programs. Pre-requisite: Eligibility for MATH 101.
CHEM 101 General Chemistry I (3)	Prerequisites: Satisfy one of the following: <ul style="list-style-type: none"> MATH 103C previously MATH 103, or MATH 104, or MATH 107, or MATH 253 previously or concurrently CHEM 100 with a grade of C or better MATH ACT Score 23+ or MATH SAT 570+ Co-requisites: <u>CHEM 111</u> . An introductory course designed to give a general knowledge of the principles of chemistry. Must be taken concurrently with <u>CHEM 111</u> . Three hours lecture.	CHEM 101 General Chemistry (3)	A presentation of the principles of chemistry through a study of the structure and reactions of representative elements and compounds. Principles covered include stoichiometry, thermochemistry, chemical bonding, and the gaseous state. Pre-requisite/Co-requisite: MATH 109 or GNET 115.
CHEM 111 General Chemistry Laboratory I (1)	Co-requisites: <u>CHEM 101</u> A laboratory course designed to accompany the concepts presented in <u>CHEM 101</u> . Must be taken concurrently with <u>CHEM 101</u> . Two hours laboratory.	CHEM 103L General Chemistry Laboratory (1)	Sessions consist of observing, reporting, and interpreting chemical phenomena. Pre-requisite/Co-requisite: CHEM 101
CHEM 102 General Chemistry II (3)	Prerequisites: <u>CHEM 101</u> , <u>MATH 103</u> (or equivalent proficiency). Co-requisites: <u>CHEM 112</u> . A continuation of <u>CHEM 101</u> . Must be taken concurrently with <u>CHEM 112</u> . Three hours lecture.	CHEM 102 General Chemistry (3)	A continuation of CHEM 101. Includes solutions, chemical kinetics, equilibrium, acids and bases, and chemical thermodynamics. Pre-requisite: CHEM 101.

CHEM 112 General Chemistry Laboratory II (1)	<i>Co-requisites: CHEM 102</i> A laboratory course designed to accompany the concepts presented in CHEM 102. Must be taken concurrently with CHEM 102. Three hours laboratory.	CHEM 104L General Chemistry Laboratory (1)	Sessions consist of semicro qualitative analysis. Pre-requisite/Co-requisite: CHEM 102.
CHEM 331 Organic Chemistry I (4)	<i>Prerequisites: CHEM 102, CHEM 112, and MATH 104 (or equivalent proficiency).</i> Introduction to the chemistry of carbon compounds. Laboratory consists of fundamental techniques and preparations. Three hours lecture, three hours laboratory.	Chem 211 Organic Chemistry (4)	A study of the principles of organic chemistry with emphasis on modern, mechanistic, synthetic, and spectroscopic problems. The laboratory includes experiments for developing techniques and synthesis projects for perfecting these techniques. Pre-requisite: CHEM 102, CHEM 104L.
CHEM 332 Organic Chemistry II (4)	<i>Prerequisites: CHEM 331.</i> A continuation of CHEM 331. Three hours lecture, three hours laboratory.	Chem 212 Organic Chemistry (4)	A continuation of CHEM 211. Includes alcohol, ethers, aldehydes, ketones, and carboxylic acids. The laboratory includes experiments for developing techniques and synthesis projects for perfecting these techniques. Pre-requisite: CHEM 102, CHEM 104L, CHEM 211.
COMM 101 Fundamentals of Speech (3)	Study of the basic dynamics of public speaking, with an emphasis on presentational skills and ethics.	COMM208 Fundamentals of Public Speaking (3)	An introduction to elements involved in public address using experiential instruction in preparation, presentation, and analysis of major types of public communication. This course provides the opportunity for each student to participate in interpersonal and public speaking presentations to develop his/her skills in interacting with others in both personal and professional arenas. Students will be challenged to think and speak ethically and use critical thinking analysis
COMM 204 Interpersonal Communication (3)	Focuses on the dynamics of communication between two people. Students will explore constructs of the self and other, how to improve interpretations and navigate biases, and how relationships develop and decline.	COMM 212 Interpersonal Communication (3)	Interpersonal communication is a practical study of the way people interact in personal and professional dyadic and group settings. Emphasis is on relational communication and includes perception, intercultural encounters, listening, self-disclosure, social apprehension, ethics, nonverbal communication, conflict, power, and dysfunctional communication. On completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, and manage conflict in relational situations. Pre-requisite/Co-requisite: eligibility for ENGL 101
Elective		COSC 101 Microsoft Office Applications (3)	This introductory course that provides basic computer literacy utilizing Microsoft Word, Excel, PowerPoint, and Outlook. The course includes basic use of Internet technologies for browsing and communicating. This course meets the computer skill requirement under the General Studies requirements.
CS 221 Computer Networking (3)	<i>Prerequisites: CS 151 with a grade of "C" or better.</i> Principles of computer networks. Protocol design and implementation, network security, distributed and cluster computing. Three (3) hours lecture.	COSC 226 Networking (3)	This course covers designing and implementing functional networks, network devices, network security, network troubleshooting and virtualized networks. This course is designed to prepare the student for the CompTIA Network+ Exam. Upon successful preparation, the student will be given an opportunity to take the certification exam
CS 232 Introduction to Computer Security (3)	<i>Prerequisites: CS 151 with a grade of "C" or better</i> What are the risks involved with computing and how can we address them? An overview of risks, threats, and vulnerabilities related to computing. Three (3) hours lecture.	COSC 115 Principles of Information Security (3)	This course provides a broad overview of the entire field of Information Security. This course is as an entry-level class to introduce the student to Information Security concepts.
CS 281 Linux System Administration (3)	<i>Prerequisites: CS 151 with a grade of "C" or better.</i> What is Linux and how is it used in organizations? An introduction to administering multi-user servers running the Linux operating systems. Topics include fundamental Linux commands, package management, shell scripting, and configuration management tools. Three (3) hours lecture.	COSC 260 Linux (3)	This course an introduction to Linux including installation, management networking, troubleshooting and security
CS 282 Database and Information Management (3)	<i>Prerequisites: CS 151 with a grade of "C" or better.</i> How can we effectively organize and access large amounts of information? Topics include data modeling and normalization, database design, change management, structured query language, regulatory compliance, and disaster recovery. Three (3) hours lecture.	COSC 250 Database Management Systems (3)	This course covers the basic concepts of databases. To be able to use Database Management Systems (DBMSs) and SQL Programming successfully.
CS 331 Digital Forensics and	<i>Prerequisites: CS 232</i> How do we deal with the aftermath of a computer security incident? Topics include digital investigative	COSC 275 Digital Forensics	This course is intended to teach the basic forensics of computers and all digital material. A student will learn how to

Incident Response (3)	techniques, gathering and assessment of evidence. Three (3) hours lecture.	(3)	perform forensics on computers, mobile devices, cloud files, email and social media.
CS 332 Network Security (3)	<i>Prerequisites: CS 232</i> How do we defend against cyber attacks? An overview of strategies for cyber attack and defense. Penetration testing. Three (3) hours lecture.	COSC 237 Network Security (3)	This course is designed to prepare students for the network security field, including essential terminology, the history of the discipline, and practical techniques to manage implementation of network security solutions. It begins with an overview of information, network, and web security, emphasizing the role of data communications and encryption. The course will then explore network perimeter defense technologies and methods, including access controls, firewalls, VPNs, and intrusion detection systems, as well as applied cryptography in public key infrastructure, wireless security, and web commerce. The course will also cover additional topics relevant for information security practitioners, such as assessing network security, professional careers in the field, and contingency planning. Pre-requisite/Co-requisite: COSC 226
ENGL 101 Composition and Rhetoric I (3)	<i>Prerequisites: 18 or higher on ACT English or equivalent placement exam.</i> Exploration of the writing process, with emphasis on development of expository writing skills. Grade of C or better required to satisfy the General Education requirement and to proceed to ENGL 102.	ENGL 101 Composition (3)	Practice in the techniques of effective writing and reading, stressing rhetorical methods and patterns of organization necessary for clear, correct, and lively presentation of ideas and information. Pre-requisite: [Next-Generation Accuplacer: 250 or above on the Next-Generation ACCUPLACER – Writing and 252 or above on the Next-Generation ACCUPLACER – Reading] or [Accuplacer: 79 or above on the ACCUPLACER reading comprehension test and 88 or above on the ACCUPLACER sentence skills test] or [ACT: ACT Reading Main score of 17 and ACT English Main Score of 18] or a grade of SC or higher in ENGL 090 or a grade of “SC” or higher in ENGL 099
ENGL 102 Composition and Rhetoric II (3)	<i>Prerequisites: A grade of C or higher in ENGL 101 or equivalent proficiency.</i> Further exploration of the writing process and refinement of skills developed in ENGL 101. Emphasis on the more specialized forms of writing, including argumentative and research-based writing and writing about literature. Grade of C or better required to satisfy the General Education requirement and to proceed to additional coursework in English or journalism courses.	ENGL 102 Research (3)	Continued practice in reading and composition with emphasis on the introduction to literary materials applicable toward the construction and presentation of the research paper. Pre-requisite: a grade of “C” or higher in ENGL 101 or CLEP score of 500 or higher or advanced placement waiving ENGL 101 and C or higher in ENGL 100 or ACT English mechanics/usage subtest score of 9 or higher.
ENGL 203 World Literature I (3)	<i>Prerequisites: C or higher in ENGL 102</i> Literary masterpieces of western and non-western civilizations up to approximately 1650 (through European Renaissance), with emphasis on critical analysis, discussion, and writing about various genres, including drama, poetry, and narrative. Selective use of non-print media complements primary focus on close reading of printed texts.	ENGL 201 The Humanistic Tradition (3)	An introduction to the cultural heritage of the western world as reflected in Western literature from the Homeric period to the nineteenth century. Pre-requisite: A grade of “C” or higher in ENGL 102. (HIST 101 provides excellent background for this course).
ENGL 204 World Literature II (3)	<i>Prerequisites: C or higher in ENGL 102</i> A sampling of works representing western and non-western civilizations from approximately 1650 (European Neoclassical period) to the present, with emphasis on critical analysis, discussion, and writing about various genres, including drama, poetry, and narrative. Selected authors include women writers and writers representing historically marginalized ethnic groups including authors of color. Selective use of non-print media complements primary focus on close reading of printed texts.	ENGL 205 The Modern Tradition (3)	A study of modern western literature beginning with realism through mid-twentieth century, emphasizing major forms and themes. Pre-requisite: a grade of “C” or higher in ENGL 102.
ENGL 251 Technical Writing (3)	<i>Prerequisites: ENGL 102 with a grade of “C” or better; or consent of instructor.</i> This course is designed to prepare students to present written and oral reports, proposals, recommendations, and case studies. The course will study modes of researching information, targeting an audience, designing a final product, completing a professional electronic presentation, and evaluating technical information sources.	ENGL 107 Introduction to Technical Writing and Communication (3)	Introduction to Technical Writing and Communication is designed to give students the necessary tools to handle competently any oral and written communication they might encounter in their careers. Students will learn about and apply the writing and speaking processes in order to develop the skills needed to become confident and effective communicators on the job. Pre-requisite: : [Next-Generation Accuplacer: 250 or above on the Next-Generation ACCUPLACER – Writing and 252 or above on the Next-Generation ACCUPLACER – Reading] or [Accuplacer: 79 or

			above on the ACCUPLACER reading comprehension test and 88 or above on the ACCUPLACER sentence skills test] or [ACT: ACT Reading Main score of 17 and ACT English Main Score of 18]
ENGL 324 Survey of British Literature I, From Anglo- Saxon through Restoration (3)	<i>Prerequisites: ENGL 301 with a grade of C or better; or consent of instructor.</i> Exploration of works from the Anglo-Saxon period through the Restoration selected for their artistic or cultural significance, with emphasis on interrogation of the world views they reflect and their visions of social order and justice. Study of print texts is enhanced by incorporation of audio versions of texts, music, filmed dramatic performances, visual images, and/or feature films. ENGL 324, 325, 327 and 328 are the literary core for students pursuing the B.S. Education, English Grade 5-Adult degree.	ENGL 255 Survey of British Literature (3)	An in-depth survey of major works of poetry and prose of British literature from the Anglo-Saxon period to the present that reflect the cultural, social, historical, and literary issues of the respective times. Pre-requisite: ENGL 102.
ENGL 327 Survey of American Literature I, From Beginning to Civil War (3)	<i>Prerequisites: ENGL 301 with a grade of C or better; or consent of instructor</i> A wide-ranging survey of American literature of all genres from the first European contacts through the Civil War. As well as exposing students to the "canonical" major authors and a variety of other writers of the period, this course examines differing concepts of literary merit, differing ideas of what constitutes literature itself, developing ideas of "Americanness", and competing visions of a just society within the historical context of the period. Study of print texts is enhanced by incorporation of audio versions of texts, music, filmed dramatic performances, visual images, and/or feature films. ENGL 324, 325, 326, 327 and 328 are the literary core for students pursuing a B.A. English degree; a minor in English: Literature Emphasis; or the B.S. Education, English Grade 5-Adult degree.	ENGL 250 Survey of American Literature (3)	An in-depth survey of representative writers from the colonial period to the present, reflecting a wide spectrum of literary and philosophic ideas and the cultural and ethnic diversity of the American experience. Pre-requisite: ENGL 102.
ECON 203 Principles of Microeconomics (3)	Introductory course examining how scarce resources are allocated through market mechanism. Specifically, decision making by households and firms under scarcity will be addressed.	ECON 211 Principles of Economics I (Macroeconomic) (3)	An introductory analysis of macroeconomic concepts and issues, emphasizing aggregate demand, supply, and fiscal and monetary policies. Analysis of macroeconomic problems related to the American economy.
ECON 204 Principles of Macroeconomics (3)	Introductory course that analyzes the behavior of the aggregate economy. Pertinent issues include national income determination, inflation, unemployment, economic growth, and others.	ECON 212 Principles of Economics II (Microeconomics) (3)	Analysis of consumption and production behavior of household and business organizations. Topics include price and resource allocation and the behavior of firms under different types of market structure.
HED 120 Personal Health (3)	The study of personal health as it relates to children through adults. Note: Satisfies the General Education Physical Wellness Requirement.	PHED 262 Strength Training (2)	A strength development class with primary considerations given to providing the proper information so that the student will be capable of organizing a functional and efficient strength training program. Eligible General Studies activity course
HED 304 Principles of Nutrition and Weight Management (2)	A management approach to the cause and the nature of health and well-being, and health deterioration, emphasizing health maintenance and disease prevention through nutrition and weight control. Note: Satisfies the General Education Physical Wellness Requirement		
HIST 101 History of Civilization (3)	A survey of civilizations from their origins to modern times. HIST 101 concludes around 1600.	HIST 101 World Civilization (3)	A study of civilization from prehistoric man to the Age of Absolutism with emphasis on the development of world culture
HIST 102 History of Civilization (3)	A survey of civilizations from their origins to modern times. HIST 102 concludes in the present day.	HIST 102 World Civilization II (3)	A study of world civilization from the Age of Absolutism to the present with emphasis on the development of global culture
HIST 203 History of the United States (3)	A survey of the growth of the American people from the founding of the English colonies in North America to the present. HIST 203 concludes in 1877.	HIST 105 American History (3)	Study of the European background, colonial beginnings, the historical, economic, social and political growth of America prior to 1865.

HIST 204 History of the United States (3)	History 204 concludes in the present day. A survey of the growth of the American people from the founding of the English colonies in North America to the present.	HIST 106 American History (3)	Study of the historical, political, social, economic and cultural aspects of American civilization since 1865.
HSP 100 Introduction into Recreation and Tourism Management (3)	An introduction to the broad fields and interconnectedness of hospitality, recreation, and tourism. Emphases are placed on history, development, economic and environmental impacts and potential careers in the industries.	HOSP 220 Managing Tourism Resources (3)	An introduction to the management and operation of the parks and natural areas. Areas of study will include general administration of outdoor recreation facilities and resources.
MGT 305 Principles of Management (3)	This course provides an introduction to the theory and practice of the management of organizations. Core disciplines drawn upon include sociology, social psychology, economics, political science, and philosophy. The course examines management from the perspective of planning, organizing, controlling, leading and staffing. Specific topics will include leadership, teamwork, motivation, decision making, strategy, change management, and ethics.	MGMT 210 Principles of Management (3)	An analysis of the underlying theories and principles of sound business organizational structure and managerial functions.
MKT 305 Principles of Marketing (3)	A survey of the fundamental features of contemporary marketing systems and the planning required to make available satisfying goods and services at a profit. A study of the complex and dynamic activities of marketing functions, explaining the roles of marketing in society and the institutions that compose the marketing system. Focuses on the marketing mix: product development and differentiation, distribution/supply chain management, pricing, and promotion.	MRKT 210 Principles of Marketing (3)	A study of the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods and services to create exchanges that satisfy individual and organizational objectives
MATH 101 Quantitative Reasoning (3)	<i>Prerequisites: Mathematics ACT 19+ or Mathematics SAT 500+.</i> A survey course covering mathematical topics to prepare students to be productive members of society. Topics include problem solving, logic, financial math, probability, and statistics. Emphasis on applications. Three (3) hours lecture.	MATH 101 Quantitative Reasoning (3)	This course is designed to expose the student to a wide range of mathematics topics. Problem solving and critical thinking skills, along with the use of technology, will be emphasized and reinforced throughout the course as the student becomes actively involved solving application problems. Topics to be covered include: Logical Reasoning, Set Theory, Descriptive Statistics, Probability, Linear and Exponential Functions, Personal Finance, Geometry, Number Sense (Estimation, Scientific Notation, Fractions, and Percentages), and Financial Management. Pre-requisite/Co-requisite: ACT Mathematics main score of 19 or higher or ACCUPLACER Elementary Algebra score of above 83 or Next-Generation ACCUPLACER QAS score of at least 250 or ACCUPLACER Arithmetic test score of at least 85 or SAT Math score (Taken before March 2016 or later) of at least 510 Students not meeting one of these prerequisites must enroll in MATH 101E.
MATH 104 College Trigonometry (3)	<i>Prerequisites: MATH 103 or Mathematics ACT 25+ or Mathematics SAT 600+.</i> A course covering trigonometry topics essential for further study in math, science and technology. Topics include the unit circle, trigonometric functions, graphs of trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, and applications of trigonometry. Three (3) hours lecture.	MATH 110 Trigonometry (3)	Trigonometry is a course that consists of the algebraic, graphic, numeric, and modeling approach to the study of angles, trigonometric functions using both a right angle and a unit circle approach, and various applications; with or without technology, and with appropriate symbolic manipulation skills. It includes the use of appropriate mathematical language, including symbolism, to define, evaluate, and analyze the characteristics of trigonometry concepts. Pre-requisite/Co-requisite: MATH 109, ACT Mathematics main score of 21 or higher.
MATH 105 Elementary Statistics (3)	<i>Prerequisites: Mathematics ACT 20+ or Mathematics SAT 520+.</i> Course covers statistical topics to prepare students to be responsible consumers of data. Topics include descriptive statistics, an introduction to sampling statistics, probability, confidence intervals, one sample hypothesis tests, correlation, and regression. Emphasis placed on application scenarios and the use of technology to aid in creating statistical analysis. Three (3) hours lecture.	MATH 210 Elementary Statistics (3)	Elementary Statistics is a course that provides a project-based approach to introductory statistics with an emphasis on using real-world data and statistical literacy. Topics include descriptive statistics, correlation and regression, basic probability, discrete and continuous probability distributions, confidence intervals and hypothesis testing. Upon completion, students should be able to use appropriate technology to describe important characteristics of a data set, draw inferences about a population from sample data, and Interpret and communicate results. Pre-requisite: MATH 101 or ACT Mathematics main score of 21 or higher or ACCUPLACER College Level Math Domain of 62 or higher.

MATH 219 Discrete Mathematics (3)	Prerequisites: <u>MATH 103</u> or (equivalent proficiency) and CS 151. Topics include the study of functions and relations, graphs and trees, combinatorics, sets, and formal logic. Three (3) hours lecture.	MATH 250 Discrete Mathematics (3)	The course treats a variety of themes in discrete mathematics: logic and proof, to develop students' ability to think abstractly; induction and recursion, the use of smaller cases to solve larger cases of problems; combinatorics, mathematics of counting and arranging objects; algorithms and their analysis, the sequence of instructions; discrete structures, e.g., graphs, trees, sets; and mathematical models, applying one theory to many different problems. Pre-requisite: MATH 109 and MATH 110 or GNET 116 or permission of instructor.
MATH 253 Calculus with Analytic Geometry I (4)	Prerequisites: <u>MATH 103</u> and <u>MATH 104</u> (or equivalent proficiency), or Mathematics ACT of 28+, or Mathematics SAT 660+. Topics include limits, continuity, and differentiation of algebraic, trigonometric, inverse, exponential, and logarithmic functions. Applications of derivatives discussed in detail, including linear approximation, optimization, and the shape of graphs. Also, definite and indefinite integrals, the fundamental theorem of calculus, and the substitution rule are covered. Four (4) hours lecture.	MATH 220 Calculus I (4)	A study of elements of plane analytical geometry, including polar coordinates, the derivative of a function with applications, integrals and applications, differentiation of transcendental functions, and methods of integration. Pre-requisite: MATH 109 and MATH 110, GNET 116, or ACT Mathematics main score of 26.
MUS 101 Introduction to Music (3)	A general survey of western music from the Middle Ages to the present for students without a working knowledge of music fundamentals. Listening assignments, including attendance at selected concerts, may be included.	MUSC 150 Introduction to Music (3)	A course designed to introduce the student to selected masterpieces of music from the several periods, Renaissance through Twentieth Century, and to lead the student to an understanding of the relationship of music to general culture.
MUS 106 Music Theory I (3)	<i>Co-requisites: MUS 106A.</i> Integrated theory course including part-writing, sight-singing and ear-training.	MUSC 109 Theory I (3)	An integrated course in the fundamentals of harmony, ear-training and sight singing. Emphasis is on written, keyboard, and aural diatonic harmony.
PED 101M Personal Wellness (2)	Provides the student with the knowledge, skills and values to develop a basic personal fitness/wellness program that can be maintained for life. Two hours lecture, one hour laboratory. Note: Satisfies the General Education Physical Wellness Requirement.	HLTH 110 Health Promotion and Protection (3)	This course involves exploring and identifying factors influencing health and wellness. A personal health promotion plan will be implemented and evaluated. This is a distance learning course, designed for the independent, adult learner. Classroom instruction consists of twelve 2.5 hour classes per semester. The student will be required to complete outside assignments. This course is also offered asynchronously. If the student chooses this mode of learning, the student may complete the course at his/her pace, within the course of the semester. Outside assignments will be due on the same dates as listed for other students. Exams may be scheduled with a proctor
PHIL 101 Introduction to Philosophy (3)	Examines the history of philosophical thought, and emphasizes developments in ethics, epistemology, metaphysics, aesthetics, political philosophy, and religion.	HUMN 222 Philosophy (3)	The course introduces the student to the basic concepts of deductive reasoning, the syllogism, and dialectic thought in defining the role of ethics and aesthetics within the humanistic tradition of both the East and the West. Pre-requisite: ENGL 102 or ENGL 212.
PHSC 103 Concepts in Physical Science: Physics/Chemist ry (4)	Prerequisites: <u>MATH 101</u> (or higher) Development of conceptual models in chemistry and physics. Intended for elementary (K-6) education majors. Three hours lecture, two hours lab.	PHSC 101 /103 Physical Science Survey (3) (1)	Introductory course for non-science majors containing basic principles of physics (mechanics, electricity, sound, and light) and essentials of astronomy (the sun and its family). Pre-requisite/Co-requisite: MATH 101 or equivalent. Laboratory sessions designed to reinforce PHSC 101 lecture. Sessions consist of observing, reporting, and interpreting physical phenomena. Pre-requisite/Co-requisite: PHSC 101.
PHSC 104 Concepts in Physical Science: Earth/Space Sciences (4)	Prerequisites: <i>None</i> Development of conceptual models in Earth and space sciences. Intended for elementary (K-6) education majors; not open to science majors. Three hours lecture, two hours lab.	PHSC 102 / 104 Physical Science Survey (3) (1)	Introductory course for non-science majors containing elementary modern physics; basic principles of chemistry, meteorology, and earth science. Pre-requisite Laboratory sessions designed to reinforce PHSC 102 lecture. Sessions consist of observing, reporting, and interpreting physical phenomena. Pre-requisite/Co-requisite: PHSC 102e/Co-requisite: MATH 101 or equivalent
PHYS 101 Introductory Physics (4)	Prerequisites: <u>MATH 104</u> , or equivalent proficiency. Co-requisites: <u>PHYS 101L</u> . An algebra/trigonometry-based introduction to mechanics, wave motion, and thermodynamics. Three hours lecture, two hours lab	PHYS 201/223L General Physics I and Lab (3) (1)	An algebra-trigonometry based study of mechanics, properties of materials, thermal energy, and wave motion. Pre-requisite: MATH 109, MATH 110.

PHYS 102 Intermediate Physics (4)	<i>Prerequisites: PHYS 101 Co-requisites: PHYS 102L. A continuation of PHYS 101, including an introduction to electricity and magnetism, optics, and modern physics. Three hours lecture, two hours lab</i>	PHYS 202/224L General Physics II (3) (1)	A continuation of PHYS 201. Included an algebra-trigonometry based study of electricity, magnetism, electromagnetic radiation, and optics. Pre-requisite: PHYS 201 or (MATH 109 and MATH 110), or consent of instructor. Sessions include observing, reporting, and interpreting physical phenomena. Pre-requisite: PHYS 223 or consent of instructor. Pre-requisite/Co-requisite: PHYS 202.
POSC 104 American Federal Government (3)	A study of the underlying principles, organizational structure, processes and problems of the American federal system of government. Emphasis will be placed on the national government	POSC 200 American Government and Economy (3)	Survey of the American political system, with emphasis on the Constitution, governmental structure, the political process and national economy.
POSC 202 State and Local Government (3)	A study of the underlying principles, organizational structure, processes, and problems of state and local governments in the U.S.	POSC 218 State and Local Government (3)	A comparative study of American state and local governments, with emphasis on federalism, federal and state relations, interstate regulations, and structure and political process of state and local governments.
PSY 101 General Psychology (3)	An introductory study of the basic concepts and principles of psychology.	PSYC 103 General Psychology (3)	An introductory course in the principles of human behavior. It deals with topics such as scientific method in psychology, measurement, learning, development, perception, motivation, personality, abnormal behavior, intelligence and others.
PSY 205 Child and Adolescent Development (3)	This course will provide an overview of research and theory on development during the years from infancy through the transition to adulthood. Issues related to physical, cognitive, social, and emotional development will be considered, along with the social and cultural contexts of development.	Educ 200 Child/Adolescent Growth and Development (3)	A comprehensive survey to give a broad view of each stage of development, with emphasis placed on cognitive and social factors and disturbances in development. Pre-requisite/Co-requisite: EDUC 110.
PSY 221 Life Span Developmental (3)	An overview of developmental processes from birth through old age. Physical, cognitive, and emotional aspects of development will be considered. Emphasis on theories of development and application of the theories to specific situations.	PSYC 210 Life Span Human Development (3)	The life span covering the prenatal, early childhood, adolescent and adult stages. Pre-requisite: PSYC 103 or SOCI 210.
PSY 322 Personality (3)	The formation, structure, and function of personality are examined in light of the major theoretical positions. Note: Satisfies elective credit for Biology major or minor.	PSYC 240 Theories of Personality (3)	This course will look at the formation, structure, and dynamics of personality according to both classic and contemporary theory. Topics include the development of personality and the role of personality in mental and physical health. Pre-requisite/Co-requisite: PSYC 103
Elective		PSYC 212 Psychology of Women (3)	A survey of psychological gender differences and the implications for understanding the emotions and behavior of women. Emphasis will be placed on the experimental findings regarding gender differences.
SOC 101 Introduction to Sociology (3)	A course reflecting the basic concerns of sociology and designed to fulfill the General Education requirements for non-majors and for teacher certification.	SOCI 210 Principles of Sociology (3)	A course designed to acquaint the student with the scientific method as it is applied to the study of human behavior. A survey of social processes as they relate to culture and society forms the reference framework for the course.
SOC 301 Sociology of Families (3)	A study of the forms of family organization and structure; processes of courtship and relationship development; the contemporary role of families in society; parenthood; family crisis; family in transition.	SOCI 224 Marriage and Family Relations (3)	Deals with the psychological factors inherent in marriage and family relations Includes such premarital factors as dating, courtship, and selection of a mate. Relates to the integration of personalities in the marital union and training of the prodigy. Pre-requisite: SOCI 210.
SOWK 161 Introduction to Social Work (3)	Explores the multifaceted career opportunities of the social work profession, with an emphasis on human behavior, human rights, social and economic justice, and human diversity. Social work practice, values, and ethics are examined. Note: SOWK 161 and SOWK 229 require a combined average GPA of 2.00 ("C") or better.	SOCS 161 Introduction to Social Work (3)	Provides an introduction to generalist social service practice; describes the skills and personal qualities necessary to be an empowering catalyst in the lives of individuals, groups, and communities. Includes detailed discussion of the history, fields, and ethical demands of the profession. Special attention is given to the concepts of social justice and diversity, especially regarding minorities, women, and populations at risk including people of Appalachian descent. Requirements include completion of 25 hours of volunteer work in the Browning Social Service Club. Core Course: Must be passed with a grade of "C" or higher.
SOWK 229 Group Dynamics and Interviewing Skills (3)	Critically examines and integrates theoretical-conceptual perspectives about group communications and interviewing skills, applying this information to practical problems and situations in context, focusing on behavior of individuals and groups with an emphasis on effective individual and group skills for both intrapersonal and interpersonal growth and development.	SOCS 230 Application of Group Dynamics (3)	Group Dynamics explores the various stages of groups, including pre-group assessment and screening of group members, group development, the initial stage, the transition stage, the working stage, and the ending stage of groups. Students will be introduced to different types of groups. Ethical and multicultural issues as they apply to groups are examined. This course incorporates experiential learning processes where students learn about group processes via group exercises in

	Note: SOWK 161 and SOWK 229 require a combined average GPA of 2.00 C or better.		class. Core Course: Must be passed with a grade of "C" or higher.
SOWK 236 Human Behavior and the Social Environment Theories (3)	<i>Prerequisites: SOWK 161, PSY 101 and SOC 101.</i> Orientation to the understanding of human behavior across the lifespan of individuals, groups, and communities. Formal and informal processes, norms, values, ethics, strengths, and diverse cultures will be examined across multiple contexts. Note: SOWK 161 and SOWK 236 require a combined average GPA of 2.00 C or better.	SOCS 236 Human Behavior and Social Environment I (3)	Methodological and theoretical study of the bio-psycho-social elements of human behavior. Students will develop a theoretical and conceptual knowledge of human behavior applicable to competent social work practice. This course examines the transactions between individuals and the biopsychosocial contexts in which they live and grow. Core Course: Must be passed with a grade of "C" or higher
SOWK 237 Human Behavior and the Social Environment Across the Lifespan (3)	<i>Prerequisites: SOWK 161, PSY 101, and SOC 101.</i> Methodological and theoretical study of the bio-psycho-social elements of human behavior across multiple contexts. Students will develop a theoretical and conceptual knowledge of human behavior applicable to competent social work practice.	SOCS 237 Human Behavior and Social Environment II (3)	Methodological and theoretical study of the bio-psycho-social elements of human behavior. Students will develop a theoretical and conceptual knowledge of human behavior applicable to competent social work practice. This course supports the social work focus on person-in-environment transactions by examining the biopsychosocial-spiritual development of young adolescents, young adults, middle aged adults, and adults in late adulthood and their membership in families, groups, and communities with special attention to the relationships among biological, social, psychological, cultural, and spiritual systems as they affect and are affected by human behavior and of the consequences of diversity in ethnic background, race, class, sexual orientation and culture in a pluralistic society. Core Course: Must be passed with a grade of "C" or higher. Pre-requisite/Co-requisite: SOCS 236.
SPAN 101 Elementary Spanish I (3)	The most basic patterns of Spanish grammar. Emphasis on basic vocabulary and on developing skills in reading, writing, speaking, and comprehending the Spanish language. Emphasis on the present tense. Note: Students who have received credit for any higher-level Spanish course (except SPAN 210) may not receive credit for this course.	SPAN 101 Elementary Spanish I (3)	Grammar and syntax, pronunciation, elementary written and oral composition.
SPAN 102 Elementary Spanish II (3)	<i>Prerequisites: SPAN 101 or one year of high school Spanish or consent of instructor.</i> Further development of skills in reading, writing, speaking, and comprehending. Expansion of tenses, moods, and sentence complexity. Note: Students who have received credit for any higher-level Spanish course (except SPAN 260) may not receive credit for this course.	SPAN 102 Elementary Spanish II (3)	Continuation of Spanish 101 with introduction of elementary collateral readings. Pre-requisite: SPAN 101.
THEA 102 Introduction to Theatre (3)	A survey providing students a broad knowledge of the history of theatre and the many aspects involved in the production of a play.	THEA 101 Introduction to Theatre (3)	An exploration of the theater as an art form including types of drama, styles of production, relationship of performer to audience, basic acting/directing techniques and theories, technical theater, responsibilities of personnel and performers, and how to view a play. Primarily a discussion and observation course with emphasis on building a vocabulary of theater terms

Concord University			New River CTC		
Biology					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
BIOL 121	Foundations of Biology I	4	BIOL 101/103L	General Biology and Lab	4
BIOL 122	Foundations of Biology II	4	BIOL 102/104L	General Biology II and Lab	4
BIOL 335	Human Anatomy and Physiology I	4	BIOL 231/233L	Human Anatomy and Physiology I and Lab	4
BIOL 336	Human Anatomy and Physiology II	4	BIOL 232/234L	Human Anatomy and Physiology II	4
BIOL 329	Microbiology	4	BIOL 202/204L	Microbiology and Lab	4
CHEM 101	General Chemistry	3	CHEM 101	General Chemistry	3
CHEM 111	General Chemistry Laboratory I	1	CHEM 103L	General Chemistry Lab	1
CHEM 102	General Chemistry	3	CHEM 102	General Chemistry II	3
CHEM 112	General Chemistry Laboratory II	1	CHEM 104L	General Chemistry II Lab	1
CHEM 331	Organic Chemistry I	4	CHEM 211	Organic Chemistry	4
CHEM 332	Organic Chemistry I	4	CHEM 212	Organic Chemistry II	4
PHYS 101	Introductory Physics	4	PHYS 201/203L	General Physics I and Lab	4
PHYS 102	Intermediate Physics	4	PHYS 202/204L	General Physics II and Lab	4
MATH 105	Elementary Statistics	3	MATH 210	Elementary Statistics	3
10 Hours of Science Electives		10	MATH 211 MATH 220 MATH 230 MATH 240 MATH 250 BIOL 205/206L	Informal Geography Calculus I Calculus II Calculus III Discrete Mathematics Kinesiology and Lab	10
Total		57	Total		57
				34-40 General Education Class	40
			Total		97

Concord University			New River CTC		
Business Administration			Business		
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
ACCT 205	Principles of Accounting I	3	ACCT 201	Principles of Accounting I	3
ACCT 206	Principles of Accounting II	3	ACCT 202	Principles of Accounting II	3
BGEN 205	Fundamentals of Business Communication	3	BUSN 232	Business and Professional Communication	3
BGEN 301	Principles of Business Law	3	BUSN 210	Business Law	3
MKT 305	Principles of Marketing	3	MRKT 210	Principles of Marketing	3
MGT 305	Principles of Management	3	MGMT 210	Principles of Management	3
ECON 203	Principles of Microeconomics	3	ECON 211	Principles of Microeconomics	3
ECON 204	Principles of Macroeconomics	3	ECON 212	Principles of Macroeconomics	3
Total		24	Total		24
				29-30 General Education Class	30
			Total		54

Concord University			New River CTC		
Business Administration			Business		
Management			Management		
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
ACCT 205	Principles of Accounting I	3	ACCT 201	Principles of Accounting I	3
ACCT 206	Principles of Accounting II	3	ACCT 202	Principles of Accounting II	3
BGEN 205	Fundamentals of Business Communication	3	BUSN 232	Business and Professional Communication	3
BGEN 301	Principles of Business Law	3	BUSN 210	Business Law	3
MKT 305	Principles of Marketing	3	MRKT 210	Principles of Marketing	3
MGT 305	Principles of Management	3	MGMT 210	Principles of Management	3
ECON 203	Principles of Microeconomics	3	ECON 211	Principles of Microeconomics	3
ECON 204	Principles of Macroeconomics	3	ECON 212	Principles of Macroeconomics	3
Total		24	Total		24
				29-30 General Education Class	30
			Total		54

Concord University			New River CTC		
Chemistry					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
CHEM 101	General Chemistry	3	CHEM 101	General Chemistry	3
CHEM 111	General Chemistry Laboratory I	1	CHEM 103L	General Chemistry Lab	1
CHEM 102	General Chemistry II	3	CHEM 102	General Chemistry II	3
CHEM 112	General Chemistry Laboratory II	1	CHEM 104L	General Chemistry Lab II	1
CHEM 331	Organic Chemistry I	4	CHEM 211	Organic Chemistry	4
MATH 104	College Trigonometry	3	MATH 110	Trigonometry	3
MATH 253	Calculus with Analytic Geometry I	4	MATH 220	Calculus	4
PHYS 101	Introductory Physics	4	PHYS 101/103L	General Physics I and Lab	4
PHYS 102	Intermediate Physics	4	PHYS 102/104L	General Physics II and Lab	4
Total		27	Total		27
			GNED	General Education	30
			Total		57

Concord University			New River CTC		
Computer Science			Computer Science		
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
CS 221	Computer Networking	3	COSC 226	Networking	3
CS 232	Introduction to Computer Security	3	COSC 115	Principles of Information Security	3
CS 282	Database and Information Management	3	COSC 250	Database Management Systems	3
MATH 104	College Trigonometry	3	MATH 110	Trigonometry	3
MATH 219	Discrete Mathematics	3	MATH 250	Discrete Mathematics	3
MATH 253	Calculus with Analytic Geometry	4	MATH 220	Calculus	4
PHYS 101	Introductory Physics	4	PHYS 201/233L	General Physics I and Lab	4
PHYS 102	Intermediate Physics	4	PHYS 202/204L	General Physics II and Lab	4
CS 331	Digital Forensics and Incident Response	3	COSC 275	Digital Forensics	3
CS 332	Network Security	3	COSC 237	Networking Security	3
CS 281	Linux System Administrator	3	COSC 260	Linux	3
Total		36	Total		36
3 Hours CS or MATH			MATH 210	Elementary Statistics	3
10 Hours BIOL			BIOL 101/103L 102/104L 231/233L	General Biology and Lab	10
10 Hours CHEM			CHEM 101/103L 102/104L	General Chemistry's and Labs	10
10 Hours MATH			MATH 109 110, 210, 211, 250	College Algebra Trigonometry, Elementary Statics Informal Geometry Discrete Math	10
10 Hours PHYS			PHYS 201/2223L 202/224L	General Physics I and II with Labs	10
			GNED	General Education	30
Total		43	Total		109

<i>Concord University</i>			<i>New River CTC</i>		
<i>English</i>					
<i>Concord Class</i>	<i>Concord Class Name Description</i>		<i>New River Class</i>	<i>New River Class Name Description</i>	
ENGL 101	Composition and Rhetoric I	3	ENGL 101	Composition	3
ENGL 102	Composition and Rhetoric I	3	ENGL 102	Research	3
ENGL 203	World Literature I	3	ENGL 201	The Humanistic Tradition	3
ENGL 204	World Literature II	3	ENGL 205	The Modern Tradition	3
ENGL 251	Technical Writing	3	ENGL 107	Introduction to Technical Writing and Communication	3
ENGL 324	Survey British Literature I	3	ENGL 255	Survey of British Literature	3
ENGL 327	Survey American Literature I	3	ENGL 250	Survey of American Literature	3
Total		21	Total		21
			GNED	General Education Classes	40
			Total		61

Concord University			New River CTC		
Biology					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
BIOL 101	General Biology I	4	BIOL 101/103L	General Biology and Lab	4
BIOL 102	General Biology II	3	BIOL 102/104L	General Biology II and Lab	4
BIOL 335	Human Anatomy and Physiology I	4	BIOL 231/233L	Human Anatomy and Physiology I and Lab	4
BIOL 336	Human Anatomy and Physiology II	4	BIOL 232/234L	Human Anatomy and Physiology II	4
CHEM 101	General Chemistry	3	CHEM 101	General Chemistry	3
CHEM 111	General Chemistry Laboratory I	1	CHEM 103L	General Chemistry Lab	1
CHEM 102	General Chemistry	3	CHEM 102	General Chemistry II	3
CHEM 112	General Chemistry Laboratory II	1	CHEM 104L	General Chemistry II Lab	1
CHEM 331	Organic Chemistry I	4	CHEM 211	Organic Chemistry	4
CHEM 332	Organic Chemistry I	4	CHEM 212	Organic Chemistry II	4
PHYS 101	Introductory Physics	4	PHYS 201/203L	General Physics I and Lab	4
PHYS 102	Intermediate Physics	4	PHYS 202/204L	General Physics II and Lab	4
MATH 105	Elementary Statistics	3	MATH 210	Elementary Statistics	3
10 Hours of Science Electives		10	MATH 211 MATH 220 MATH 230 MATH 240 MATH 250 BIOL 205/206L	Informal Geography Calculus I Calculus II Calculus III Discrete Mathematics Kinesiology and Lab	10
Total		52	Total		53
				34-40 General Education Class	40
			Total		93

<i>Concord University</i>		<i>New River CTC</i>		
<i>History</i>				
<i>Concord Class</i>	<i>Concord Class Name Description</i>	<i>New River Class</i>	<i>New River Class Name Description</i>	
HIST 101	History of Civilization	HIST 101	World Civilization	
HIST 102	History of Civilization	HIST 102	World Civilization II	
6 Hours of Classical or Modern Language				
Electives		POSC 200 POSC 218 HIST 105 HIST 106	American Government and Economy State and Local Government American History American History II	
				18
			PLUS 39-40 General Education Class	39-40
			Total	57-58

Concord University			New River CTC		
MUSIC					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
MUS 101	Introduction to Music	3	MUSC 150	Introduction to Music	3
MUS 106	Music Theory I	3	MUSC 109	Theory I	3
Theatre Emphasis					
THEA 102	Introduction to the Theatre	3	THEA 101	Introduction to Theatre	3
Business Administration Emphasis					
ACCT 205	Principles of Accounting I	3	ACCT 201	Principles of Accounting	3
MGT 305	Principles of Management	3	MGMT 210	Principles of Management	3
MRT 305	Principles of Marketing	3	MRKT 210	Principles of Marketing	3
Total		18	Total		18
				General Education Classes	30
Total			Total		48

Concord University			New River CTC		
Psychology					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
PSY 101	General Psychology	3	PSYC 103	General Psychology	3
MATH 105	Elementary Statistics	3	MATH 210	Elementary Statistics	3
PSY 221	Life Span Developmental	3	PSYC 210	Life Span Human Development	3
PSY 322	Personality	3	PSYC 240	Theories of Personality	3
Core Classes		3			3
Elective		3	PSYC 212	Psychology of Women	3
Total		18	Total		18
				General Education Classes	30
			Total		48

Concord University			New River CTC		
Social Work			Social Services		
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
SOWK 161	Introduction to Social Work	3	SOCS 161	Introduction to Social Work	3
SOWK 229	Group Dynamics and Interviewing Skills	3	SOCS 230	Application of Group Dynamics	3
SOWK 236	Human Behavior and the Social Environment Theories	3	SOCS 236	Human Behavior and Social Environment I	3
SOWK 237	Human Behavior and the Social Environment Across the Lifespan	3	SOCS 237	Human Behavior and Social Environment II	3
MATH 105	Elementary Statistics	3	MATH 110	Elementary Statistics	3
PSY 101	General Psychology	3	PSYC 103	General Psychology	3
SOC 101	Introduction to Sociology	3	SOCI 210	Principles of Sociology	3
PSY 205	Child and Adolescent Development	3	PSYC 210	Life Span and Human Development	3
SOC 301	Sociology of Families	3	SOCI 224	Marriage and Families	3
POSC 104	American Federal Government	3	POSC 200	American Government and Economy	3
POSC 218	State and Local Government	3	POSC 218	State and Local Government	3
Total		33	Total		33
				General Education Classes	30
			Total		63

Concord University			New River CTC		
Sociology					
Concord Class	Concord Class Name Description		New River Class	New River Class Name Description	
SOC 101	Introduction to Sociology	3	SOCI 210	Principles of Sociology	3
ECON 204	Principles of Macroeconomics	3	ECON 211	Principles of Economics I (Macroeconomics)	3
ECON 205	Principles of Microeconomics	3	ECON 212	Principles of Economics II (Microeconomics)	3
MATH 105	Elementary Statistics	3	MATH 210	Elementary Statistics	3
PSY 101	General Psychology	3	PSYC 103	General Psychology	3
SOC 301	Sociology of Families	3	SOCI 224	Marriage and Family Relations	3
ENGL 101	Composition I	3	ENGL 101	Composition	3
HIST 101	History of Civilization	3	HIST 101	World Civilization	3
ENGL 102	Composition II	3	ENGL 102	Research	3
PSY 101	General Psychology	3	PSYC 103	General Psychology	3
POSC 104	American Federal Government	3	POSC 200	American Government and Economy	3
ENGL 203	World Literature I	3	ENGL 201	The Humanistic Tradition	3
ENGL 204	World Literature II	3	ENGL 205	The Modern Tradition	3
MATH 101	Quantitative Reasoning	3	MATH 101	Quantitative Reasoning	3
COMM 101	Fundamentals of Speech	3	COMM 208	Fundamentals of Public Speaking	3
HIST 102	History of Civilization	3	HIST 102	World Civilization	3
HIST 204	History of the United States	3	HIST 106	American History II	3
PSY 221	Life Span Human Development	3	PSYC 210	Life Span and Human Development	3
Total		54	Total		54
				General Education Classes	30
			Total		84