CREDIT SCHEDULE OF CLASSES SUMMER/FALL 2018

ACCOUNTING

ACCT 221
Principles of Financial Accounting
Financial Accounting Principles and concepts define methodologies for accurately recording business transactions and presenting them in financial statements that explain the economic conditions of a business as a basis of decision making by both external stakeholders, including owners and creditors, and by managers within the organization. Prerequisites: MAT 81, MAT 91, or satisfactory ACCUPLACER score. Three credits.
8 WEEK ONLINE: June 9 - August 8
7704 TBA TBA Staff N/A

ACCT 222
Principles of Managerial Accounting
Managerial Accounting is the analytical use of Financial Accounting Information. Covered in Principles of Accounting I, to make decisions to maximize the short and long term profitability and stability of an organization. This course provides comprehensive coverage of tools for making management decisions and the organizational structures that support them. Prerequisites: MAT 81, MAT 91, or satisfactory ACCUPLACER score. Three credits.
8 WEEK ONLINE: June 9 - August 8
7714 TBA TBA Staff N/A

BIOLOGY

BIO 101
General Biology
This introductory survey course covers the chemistry of life, cells, membrane transport, cellular respiration, and photosynthesis as well as major organ systems in humans. This course is intended for students who need a basic course prior to taking a higher-level biology course. Transfer students and Business Administration majors should take a four-credit lab science course. Prerequisites: MAT 80; ENG 82 or RENG 92. Three credits.
8 WEEK: June 9 - August 8
3078 1055 6:30-8:30 pm Staff LSB 306
8 WEEK ONLINE: June 9 - August 8
7713 TBA TBA TBA Staff

BIO 102
Principles of Biology
This is a competency-based one semester lecture/laboratory course covering the major principles of biology. Topics include biochemistry, cell biology, respiration, photosynthesis, genetics, evolution, ecology, reproduction, and energetics. Recommended for science and non-science majors who plan to transfer to four-year institutions and universities. Prerequisites: MAT 81 and ENG 82, RENG 92 or appropriate ACCUPLACER scores. Four credits.
8 WEEK: June 9 - August 8
1025 1050 8-10:25 am Staff LSB 304
8 WEEK ONLINE: June 9 - August 8
7727 TBA TBA TBA Staff

BIO 102L
Principles of Biology Lab
8 WEEK: June 9 - August 8
1045 1007 9:30-10:45 am Staff LSB 354
1032 1007 11:05-12:20 pm Staff LSB 354

BIOLOGY

BIO 107
Anatomy and Physiology
A comprehensive study of the human body is provided from its biochemical and sub-cellular aspects through tissues, organ systems, and their integration. Skeletal, muscular, and nervous systems, including special sense organs, are studied. Circulatory, respiratory, digestive, and reproductive systems are considered. A survey of embryology and development is included. Specifics and principles of neuroendocrine control and reticula-endothelial lymphatic defense and autoimmune mechanisms are interwoven. This course is designed primarily for students in allied health programs or desiring a four-credit transfer science elective. Prerequisites: MAT 81; ENG 82 or RENG 92; BIO 101 or BIO 102. Four credits.
8 WEEK: June 9 - August 8
1056 TR 8-10:25 am Staff LSB 419

BIO 107L
Anatomy and Physiology Lab
8 WEEK: June 9 - August 8
1056 TR 11am-1:25 pm Staff LSB 419

BIO 202
Anatomy and Physiology I
This course provides a study of the structure and function of the human body. It covers in detail the human body from its biochemical and sub-cellular aspects through tissues. Special emphasis is on the integumentary, skeletal, muscular, nervous, and endocrine systems. The lecture and laboratory are correlated to provide an overview of the interrelationships of normal human anatomy and physiology. Note: Students who are proficient in anatomy and physiology may take a Departmental Challenge Exam for course credit. Prerequisites: BIO 101 or BIO 102. Four credits.
8 WEEK: June 9 - August 8
1032 3080 MW 9-11:25 am Staff LSB 304
3079 1032 MW 6-8:25 pm Staff LSB 354
Students must purchase the online access code for this course.

BIO 202L
Anatomy and Physiology I Lab
8 WEEK: June 9 - August 8
3080 1032 9-11:25 am Staff LSB 304
3079 1032 6-8:25 pm Staff LSB 354
Students must purchase the online access code for this course.

ALLIED HUMAN SERVICES

AHS 295
Professional Ethics in the Human Services
This course is a survey of the ethical, legal, and professional issues facing the human services worker. It is designed to teach the process of ethical decision-making as well as to increase awareness of the complexities of clinical practice. Special attention is given to the unique laws and ethical considerations of the chemical dependency counselor. Prerequisites: AHS 101. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7839 TBA TBA Staff N/A

ART

ART 225
Introduction to Film
The history of cinema from silent films to the present is reviewed. Movies – a combination of big business, cultural myth and technical artistry, provide cogent insight into modern culture and it beliefs, values and morals. This course explores that insight. Important films are reviewed and then followed by oral or written activity. Prerequisites: ENG 82 or RENG 92. Three credits.
8 WEEK: June 9 - August 8
3080 TR 6-8:30 pm Staff LSB 415

SUMMER 2018

Students taking online, hybrid and Z-courses must have internet access and be computer literate.
programs and the more elaborate spreadsheet, PowerPoint, database, and word processing programs are actually operated by the student.

8 WEEK: June 9 - August 8
7832 TBA TBA Staff N/A

BUSINESS COMPUTER APPLICATIONS

BCAP 104
Introduction to Operating Systems: DOS/Windows
Students are introduced to the Disk Operating System (DOS), the Windows Operating Environment, and the UNIX Operating System. Students learn the MS-DOS Command line, including opening DOS sessions, displaying directories, working with files and using directories and subdirectories. Includes working on the Windows desktop; file, document and folder management, Windows Explorer, modifying the desktop environment, customizing toolbars and folders, using the Help troubleshooter, customizing the computer using the Control Panel, searching for information with Internet Explorer, and setting up a computer to use offline files. Students also acquire an introduction to creating and manipulating directories and files using the UNIX Operating System. Three credits.

8 WEEK ONLINE: June 9 - August 8
7715 TBA TBA Staff N/A

BCAP 126
Comprehensive Spreadsheets
Students develop the skills necessary to plan, build, test, and document spreadsheets. The power of the Microsoft Excel features used for calculating, charting, and managing data is emphasized. Students learn advanced tasks such as analyzing "what if" alternatives, combining worksheet results, pasting worksheet solutions into other Windows applications, auditing, data validation, and solving complex problems. Case problems provide students opportunities to apply what they have learned to solve realistic business problems. Three credits.

8 WEEK: June 9 - August 8
3030 MW 6-9:40 pm Staff MNB 326

BCAP 270
Introduction to Help Desk Support
This course is an introduction to the popular and evolving field of Help Desk Support. Students learn about technical as well as customer service issues related to help desk support. Topics covered include end user computing, computer user support, product evaluation strategies and standards, user needs analysis and assessment, installation of end user computer systems, training computer users, documentation for end users, computer facilities management, help desk operation, customer service skills for user support, troubleshooting computer problems, common support problems, and information resources for user support. Students are also introduced to leading help desk support software. 

Prerequisites: BCA 104 or BCAP 104. Three credits.

8 WEEK ONLINE: June 9 - August 8
7705 TBA TBA Staff N/A

CHEMISTRY

CHE 101
General Chemistry I
The fundamental principles, laws, and theories of chemistry are introduced. Topics include the nature of chemistry, matter and thermochemistry, physical and chemical change, states of matter, measurement, heat and temperature, density, stoichiometry, inorganic nomenclature, atomic structure, historical development of the atom, the periodic table, and gases. Note: Students without high school chemistry are urged to take CHE 103 before attempting this course. Placement tests are available to assess the skills of prospective students. CHE courses require lecture and lab. Prerequisites: MAT 82 or MAT 92 and ENG 82 or RENG 92 or appropriate ACCUPLACER scores. Four credits.

8 WEEK: June 9 - August 8
CHE 101 requires lecture and lab. Students must purchase the online access code for this course.

1021 MW 8-10:25 am Staff LSB 306

CHE 101L
General Chemistry I Lab

8 WEEK: June 9 - August 8
1020 MW 11 am-1:25 pm Staff LSB 405

CHE 105
Introduction to Biochemistry

8 WEEK: June 9 - August 8
3025 TR 5:30-7:05 pm Staff LSB 304

COMPUTER LITERACY

CLT 100
Computer Literacy
This hands-on course is recommended for students who need assistance in meeting the College’s Computer Literacy Graduation Requirement. Students develop basic computer skills in Windows-based operating systems, word processing, spreadsheet, database management, and presentation graphics. A grade of C or better in CLT 100 exempts the student from the Computer Literacy Test required for graduation. Two credits.

8 WEEK: June 9 - August 8
1167 F 9 am-12:15 pm Staff MNB 324

8 WEEK ONLINE: June 9 - August 8
7701 TBA TBA Staff N/A
COOPERATIVE EDUCATION

COP 200
Cooperative Education
Students have the opportunity to apply knowledge in a supervised work environment related to their academic programs or career interests. Three hundred hours of paid work and 16 classroom hours are required. Career exploration and work readiness skills are covered in the classroom. Prerequisites: 2.0 G.P.A.; completion of 15 credits; completion of specific courses in the student's program; permission of the student's program head and the Co-Op Coordinator. Three credits.

5 WEEK ACCELERATED II : June 9 - July 14
Section 8703 is a course for YearUp students only. Students must contact Dr. Bob Iweha at 410-462-7637.
8703 W 12-2 pm Staff MNB 120

CRIMINAL JUSTICE

CRI 101
Introduction to Criminal Justice
Students are given an overview of the field of criminal justice in the context of our social, cultural, political, and economic system. The course introduces students to the history of and social response to crime. It examines the origins of and fundamental concepts associated with law enforcement and corrections. The structure and functions of State and Federal courts are reviewed and current issues in criminal justice are explored. CRI 101 provides an understanding of the criminal justice system and the interaction of businesses, households, and government. Prerequisites: ENG 82, RENG 92 or appropriate ACCUPLACER scores. Three credits.

5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7705 TBA TBA Staff N/A

DENTAL HYGIENE

DH 220
Concepts in Advanced Hygiene Lab
Students must be approved by the Dental Hygiene Program Director to take this course. The course is face-to-face and may utilize Canvas Learning System to enhance learning. Students may be required to purchase supplies for clinical applications. Students are required to follow the Dental Hygiene Program policies and procedures as related to this course and the Dental Hygiene Clinical Manual.

5 WEEK ACCELERATED I: June 4 - July 9
1065 TWR 8 am-5 pm Staff LSB 104
1066 W R 8 am-5 pm Staff LSB 104
1063 MT 1-3 pm Staff LSB 104
1064 MT 1-3 pm Staff LSB 104

DIETETIC TECHNICIAN

DNT 200
Nutrition for Health Sciences
This course is designed for the student with some background in the physical and biological sciences. Allied health professionals, who need detailed information for the nutrition care of others for optimum health and treatment of disease, are those for whom the course is planned. Course content includes the nutrients, their functions in the body, food as a source of the nutrients, and the nutritional needs throughout life. Emphasis is on the prevention of nutrition related disorders by the application of the Dietary Guidelines for Americans. This course is accepted for transfer into four-year nursing programs. Prerequisites: CHE 103 or equivalent or BIO 107 or BIO 111 or BIO 112 or permission of instructor or concurrent with one of the above. Three credits.

5 WEEK ACCELERATED II ONLINE HYBRID: June 9 - July 14
7876 M 9 am-12:25 pm Staff MNB 256

ECONOMICS

ECO 201
The American Economy I: Macroeconomic Theory
Students are helped to understand the overall functioning of the American economy through an examination of unemployment, inflation, recession, GNP, and the interaction of businesses, households, and government. Prerequisites: ENG 82, RENG 92 or appropriate ACCUPLACER scores. Three credits.

5 WEEK ACCELERATED II ONLINE HYBRID: June 9 - July 14
7718 TBA TBA Staff N/A
7842 TBA TBA Staff N/A

ECO 202
The American Economy II: Microeconomic Theory
Students pursue a more specialized analysis of the American economy and the economic and market activities of individual consumers and producers. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.

5 WEEK ACCELERATED II ONLINE: June 9 - August 8
7719 TBA TBA Staff N/A

Students taking online, hybrid and Z-courses must have internet access and be computer literate.
REN 91
Reading & English Skills
The second course in the three-tiered sequence of developmental reading-writing courses. This course focuses on the composition of unified and coherent paragraphs and reading competency, and it introduces students to the logical and well-developed short expository essay. Grammar, mechanics, sentence structure, and reading comprehension are stressed in relation to the skills of composing and understanding paragraphs and essays. Students are charged four billable hours. Prerequisites: ENG 80, RENG 90, or appropriate ACCUPLACER scores.
5 WEEK ACCELERATED I ONLINE HYBRID:
June 4 - July 9
1103 MTWR 10 am-1 pm Staff MNB 151

5 WEEK ACCELERATED I ONLINE HYBRID:
June 4 - July 9
3054 MW 5:30-8 pm Staff MNB 122

ENG 92
Reading & Writing Skills II
The third course in the three-tiered sequence of developmental writing and reading courses. This course focuses on composition of logical and well-developed expository and persuasive essays and reading competency skills. Furthermore, it introduces students to the essentials of MLA documentation and format. Grammar, mechanics, sentence structure, and reading comprehension are stressed in relation to the skills of composing and understanding essays. Students are charged four billable hours. Prerequisites: ENG 81, RENG 91, or appropriate ACCUPLACER scores.
5 WEEK ACCELERATED I: June 4 - July 9
1104 MTWR 9 am-12 pm Staff MNB 130
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7759 MTWR 9 am-12 pm Staff MNB 130
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7707 MTWR 9 am-12 pm Staff MNB 130
5 WEEK ACCELERATED II ONLINE HYBRID:
June 9 - July 14
3027 MW 5:30-8 pm Staff MNB 125
7878 TR 5:30-8 pm Staff MNB 122

ENG 101
English Writing
This course teaches how to write effective informative and persuasive essays, to understand the primary principles of scholarly inquiry and research, and to use the conventions of documentation. Students learn conventions of standard written American English to establish purpose in their writing, through adequate and pertinent evidence, and to adapt their presentations to a range of audiences. The preparation of regularly scheduled essays is required, as is revision and editing of instructor-evaluated work. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
5 WEEK ACCELERATED I: June 4 - July 9
1225 MTW 9 am-12 pm Staff MNB 124
5 WEEK ACCELERATED II: June 9 - July 14
1006 MTW 9 am-12 pm Staff MNB 124
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7803 TBA TBA Staff N/A
5 WEEK ACCELERATED I ONLINE: June 9 - July 14
7710 TBA TBA Staff N/A

ENG 102
Introduction to the Term Paper and Research Methods
Skills are developed in basic research and analysis focusing on topic selection, note taking, planning, composing, and documentation. Students prepare research assignments, including abstracts, bibliographies, and research essays. Certain sections of the course may be designated specifically for students in the Arts and Sciences Transfer Program, Business programs, Allied Health programs, or Legal Assistant programs, providing specialized treatment of students' varying research needs. Prerequisite: ENG 101. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7721 TBA TBA Staff N/A
5 WEEK ACCELERATED II: June 9 - July 14
1008 MTW 9 am-12 pm Staff MNB 130
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7725 TBA TBA Staff N/A

ENG 200
Introduction to Literature
The four literary forms—poetry, drama, the short story, and the novel—are studied. Major emphasis is on teaching students to read critically and to write critical essays based on the analysis of various literary works. Prerequisite: ENG 101. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7805 TBA TBA Staff N/A
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7718 TBA TBA Staff N/A

EDU 255
Educational Assessment
This course deals with the full range of issues related to varied assessment tools and methods utilized in the educational process. Covers the principles, issues, and appropriate utilization of standardized test data to provide useful information regarding student abilities and academic achievement. Students learn how to use authentic classroom assessment techniques, processes, and instruments that guide instruction and improve student performance. They will also learn how to use data from state and local assessments to make educational decisions. Effective methods of reporting assessment results to parents, school personnel, the community and student are also covered. Three credits.
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
8201 TBA TBA Staff N/A

ENG 260
Introduction to Effective Teaching Methodology in Secondary/Specific Content Area
In this course students will be able to identify, describe and apply various instructional strategies and understand how to use them effectively within a multicultural classroom of socially, ethnically and cognitively diverse learners. Students in the course will learn how to appropriately implement varied individual and group instructional and classroom management techniques to improve the performance of learners in all academic areas in both middle and secondary schools in urban settings. Three credits.
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
8203 TBA TBA Staff N/A

HEALTH
HEA 205
Human Sexuality
Health-focused perspectives on sexuality, based on psychological, physiological, and sociological concepts are explored. The information assists students with making informed sexuality-related choices. Content includes origins of sexuality, gender roles, relationships, reproductive, and sexual health. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7709 TBA TBA Staff N/A
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7711 TBA TBA Staff N/A

HLF 201
Personal and Community Health
Contemporary concerns in health science, including mental health, sexuality and reproduction, drugs and alcohol, physical fitness, nutrition, human development, and healthcare delivery systems are examined. Decision-making is emphasized. Three credits.
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7701 TBA TBA Staff N/A

HLF 210
Physical Fitness and Health
Students are provided with knowledge about the role of exercise, and a wellness approach to health and fitness. Assessment instruments are used to develop a personal physical fitness program. Participation in class discussions and fitness activities are included. Two credits.
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7703 TBA TBA Staff N/A
HISTORY

H 101
History of American Civilization I
The settlement of America and its people, from the Age of Exploration, to the conclusion of the Civil War, is surveyed. Major political, economic, and social trends are included in the survey. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7831 TBA TBA Staff N/A

H 102
History of American Civilization II
The emergence of America as a major industrial and world power, from the post-Civil War era, to modern times, is traced. Major political, economic, and social trends are included. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
5 WEEK ACCELERATED II ONLINE: June 9 - July 14
7834 TBA TBA Staff N/A

HUMANITIES

HUM 202
Survey of Art, Literature, and Music
The interrelationships of art and music, including African and Eastern influences, are introduced. Historical perspective is provided by a preliminary investigation of selected social, political, and artistic current events. The interrelationships among these areas and their significance to contemporary life are emphasized. Class trips to local museums are included. Prerequisite: ENG 101 or appropriate ACCUPLACER scores. Three credits.
5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7707 TBA TBA Staff N/A

MATHEMATICS

MAT 86
Integrated Pre-Algebra & Introductory Algebra
Integrated Pre-Algebra and Introductory Algebra covers fractions; decimals; exponents; percent; real numbers and algebraic expressions; solving and graphing linear equations; polynomials; and factoring. Word problems and the use of calculations to solve them are stressed throughout the course.
8 WEEK: June 9 - August 8
1175 MW 1-3:30 pm Staff MNB 318

MAT 87M
Integrated Elementary & Intermediate Algebra
8 WEEK: June 9 - August 8
Section 2510 is being offered as an 8-week integrated Elementary and Intermediate Algebra modular course for students going on to MAT 107, MAT 113 or MAT 114. Students must have passed MAT 80 with a grade of “B” or better or show ACCUPLACER test score in Elementary Algebra between 52 and 62.
2510 MTWR 10 am-12:15 pm Staff LSB 245

MAT 92
Intermediate Algebra
This course covers operations on algebraic expressions; variation; rational equations; irrational equations; solutions to quadratic equations by completing the square, by the square root property, and by the quadratic formula; and solutions of quadratic inequalities. Absolute value equations and inequalities and finding equations of straight lines meeting specific criteria are emphasized. Graphs of linear inequalities in two variables, of linear inequalities in one variable, and of parabolas are also included. Functions and real world applications of them are emphasized throughout the course. Prerequisite: MAT 81, MAT 91, or appropriate ACCUPLACER score.
8 WEEK: June 9 - August 8
1088 MTW 10 am-12:15 pm Staff MNB 160
3043 MTW 6-8:15 pm Staff LSB 245
7801 TBA TBA Staff N/A

MAT 107
Modern Elementary Statistics
Modern statistical methods with applications to the social and natural sciences are studied. The course focuses on descriptive statistics, probability, probability distributions, and estimation of statistical parameters from samples, hypothesis testing, and experimental design. It provides necessary statistical background for people interested in such diverse fields as psychology, sociology, computers, business, engineering, mathematics, and science. Prerequisites: MAT 82, MAT 92, or appropriate ACCUPLACER score; ENG 82, RENG 92. Three credits
8 WEEK: June 9 - August 8
1194 MTW 9:30-11:15 am Staff LSB 237
3070 MW 6-8:30 pm Staff LSB 237

MAT 128
Pre-Calculus I: College Algebra
More advanced topics in algebra including functions and their graphs, inverse functions, polynomial, rational, exponential, and logarithmic functions, systems of linear and non-linear equations and inequalities are emphasized. Prerequisites: MAT 82 or MAT 92; ENG 82, RENG 92, or appropriate ACCUPLACER scores. Four credits.
8 WEEK: June 9 - August 8
7710 TBA Staff Staff N/A

MAT 140
Calculus I
Differential calculus is covered with an introduction to anti differentiation and the definite integral. Topics include limits, continuity, the derivative, implicit
PHILOSOPHY

PHI 101
Introduction to Philosophy
Students probe what is called human wisdom through an examination of representative philosophical problems and proposed alternatives in epistemology, metaphysics, axiology, politics, and religion. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.

5 WEEK ACCELERATED II: June 9 - July 14
3015 TWR 9-11:30 am Staff MNB 310

PSYCHOLOGY

PSY 101
Introductory Psychology
Students are introduced to the scientific study of behavior and a survey of the physiological, emotional, intellectual, and social forces that influence the development of human behavior. Prerequisites: ENG 82, RENG 92, or appropriate. Three credits.

5 WEEK ACCELERATED I ONLINE: June 4 - July 9
7826 TBA TBA Staff N/A

SPEECH

SP 101
Fundamentals of Speech Communication
Human communication in both a theoretical and an experiential framework is investigated. Areas of study include communication theory, interviewing, and informative and persuasive speaking. Students prepare and present informative and persuasive speeches based on classic models. Theory, prepara-
Students taking online, hybrid and Z-courses must have internet access and be computer literate.

### Special Education

**SED 220**

**Special Education: An Overview**

The field of special education and the population it serves are introduced. The history of special education is discussed. Federal and State regulations are emphasized. Each exceptionality is presented in terms of group characteristics, accepted category definitions, causes of disorder, and developmental assessment and identification techniques. The course focuses on the need for early identification of special children and the ways in which these children can be identified. The physical and psychosocial needs of special children and the effects of their exceptionalities on their families, teachers, and peers are presented. Students are introduced to appropriate educational techniques and to individualized instructional approaches in the special education setting. **Prerequisites**: ENG 101. Three credits.

**5 WEEK ACCELERATED I ONLINE HYBRID:** June 4 - July 9

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**5 WEEK ACCELERATED II ONLINE:** June 9 - July 14

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### Surgical Technology

**SGT 105**

**Hospital Clinical I**

**8 WEEK:** June 9 - August 8

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ACCOUNTING

ACCT 221

Principles of Financial Accounting
This course defines methodologies for accurately recording business transactions and presenting them in financial statements that explain the economic conditions of a business as a basis of decision making by both external stakeholders, including owners and creditors, and by managers within the organization. Prerequisite: MAT 81, MAT 91, or satisfactory ACCUPLACER score. Three credits.

16 WEEK: Aug. 27 – Dec. 16
2016 MW 10-11:50 am Staff MNB 230
2014 TR 1-2:50 pm Staff MNB 230

ACCT 222

Principles of Managerial Accounting
Managerial Accounting is the analytical use of Financial Accounting Information. Covered in Principles of Accounting I, to make decisions to maximize the short and long term profitability and stability of an organization. This course provides comprehensive coverage of tools for making management decisions and the organizational structures that support them. Prerequisite: MAT 81, MAT 91, or satisfactory ACCUPLACER score. Three credits.

16 WEEK: Aug. 27 – Dec. 16
2019 TR 11 am-12:50 pm Staff MNB 230

ACCT 220

Intermediate Accounting I
Study problems that may arise in the valuation of current assets, current liabilities, plant and equipment, and intangible assets. Computerized spreadsheet used. Prerequisite: ACCT 202, ACCT 212, or ACCT 222. Three credits.

16 WEEK: Aug. 27 – Dec. 16
2014 TR 11 am-12:50 pm Staff MNB 230

ACCT 230

Cost Accounting
16 WEEK: Aug. 27 – Dec. 16
4019 T 7-9:45 pm Staff MNB 230

ACCT 261

Accounting Applications on the Microcomputer
Students are introduced to electronic spreadsheet concepts on Windows XP and work with commercial accounting software. Basic accounting principles are reinforced. The hands-on approach is utilized to provide learning experiences with financial applications representing realistic business situations. Emphasis is placed on the extensive and increasing impact of the computer in financial and managerial accounting. Prerequisite: ACCT 222. Three credits.

12 WEEK: Sep. 24 – Dec. 16
3012 M 6-8:45 pm Staff MNB 230

ACCT 265

Income Tax Accounting
Practice filing the Federal Income Tax using Turbo Tax software. Prerequisite: ACCT 202, ACCT 212, or ACCT 222. Three credits.

12 WEEK ONLINE: Sep. 24 – Dec. 16
7717 TBA TBA Staff N/A

ALLIED HEALTH

AH 110

Medical Jurisprudence and Ethics
Legal and ethical aspects of healthcare delivery including confidentiality, records, medical evidence, release of information, malpractice, negligence, and licensure. Two credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7767 TBA TBA Staff N/A

AH 130

Medical Terminology
Students become acquainted with the language of medicine. Students must have access to a computer connected to the Internet. Various assignments throughout the semester will be posted on Canvas. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1570 TR 8-9:20 am Staff MNB 256
12 WEEK ONLINE: Sep. 24 – Dec. 16
7839 TBA TBA Staff N/A

AH 135

Allied Health Pharmacology
Students are assisted in learning the pharmacological actions and behavioral effects of alcohol, other sedative/hypnotics, narcotics, hallucinogens, and stimulants. Special focus is given to the classification of drugs, metabolism, drug interactions, behavioral pharmacology, tolerance, and medical emergencies. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1571 TR 9:30-10:50 am Staff MNB 256

ALLIED HUMAN SERVICES

ADC 106

Fundamentals of Chemical Dependency Treatment
This course is the foundation course for all addiction counselors and other caregivers treating the substance dependent population. Drug use and the abuse spectrum, definitions and perceptions, characteristics of addiction and dependency, patterns of use, disease model, and treatment modalities are reviewed. Three credits.

16 WEEK: Aug. 27 – Dec. 16
106, ADC 201

ADC 201

Chemical Dependency Counseling Skills
Students are prepared to be addiction counselors, placing special emphasis on establishing and maintaining a therapeutic relationship that enables the client to abstain from substance use and abuse and achieve a healthy life. Training focuses on the skills of interviewing, active listening, confrontation, defense mechanisms, communications skills, transference, transitions in the counseling relationship, and increasing client responsibility. Prerequisites: ADC 106, ADC 108. Three credits.

8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7991 TBA TBA Staff N/A

ADC 202

Assessment and Treatment Planning with Chemically Dependent Clients
Students are prepared to begin developing the skills required to perform the core functions of screening,
CREDIT SCHEDULE OF CLASSES SUMMER/FALL 2018

16 WEEK: Aug. 27 – Dec. 16
3252 R 6-8:40 pm Staff MNB 258

AHS 103
Group Dynamics: Small Group Analysis
Students are given an opportunity to develop an understanding of group functions and interpersonal relations within the group. Techniques of role-play, psychodrama, sociodrama, and conflict management are practiced. During the lab experience, the group studies itself and puts communication and sensitivity skills to work. Information on the nature of small group-pressures and operations of group standards is included. Three credits.

16 WEEK: Aug. 27 – Dec. 16
3250 W 6-8:30 pm Staff MNB 124

8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
7105 TR 1-3:20 pm Staff MNB 258

AHS 104
Activity Therapies

8 WEEK ACCELERATED II: TBD
7201 TR 1-3:30 pm Staff MNB 306

ART

ART 101
Beginning Drawing

16 WEEK: Aug. 27 – Dec. 16
1359 TR 11am-12:20 pm Staff LSB 238

ART 105
Fundamentals of Design

16 WEEK: Aug. 27 – Dec. 16D
1356 F 12:2-5:00 pm Staff MNB 062A

ART 106
Art in the Culture

Students are introduced to a cross-section of the visual arts in current Western culture including works created within Baltimore and Maryland. Consideration is given to artists working within and outside the ethnic and racial mainstreams of our time. A selection of two- and three-dimensional projects plays a key role in supporting the development of skills and the understanding of course material. Prerequisite: ENG 82 or RENG 92. Three credits.

12 WEEK: TBD
3101 R 5:30-8:55pm Staff MNB 065A

ART 207
Basic Ceramics

The basic materials, techniques, and vocabulary associated with clay work are surveyed. Emphasis is placed on hand building with an introduction to the pottery wheel. Instruction includes lecture and demonstrations. Oxidation kiln firing is available. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1368 F 9 am-12 pm Staff MNB 193

ART 225
Introduction to Film

The history of cinema from silent films to the present is reviewed. Movies—a combination of big business, cultural myth, and technical artistry—provide cogent insight into modern culture and its beliefs, values, and morals. This course explores that insight. Important films are viewed and then followed by oral or written activity. Prerequisites: ENG 82 or RENG 92. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1370 TR 11am-12:30 pm Staff MNB 154

8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7749 TBA TBA Staff N/A

BIOLOGY

BIO 101
General Biology

This introductory survey course covers the chemistry of life, cells, membrane transport, cellular respiration, and photosynthesis as well as major organ systems in humans. This course is intended for students who need a basic course prior to taking a higher-level biology course. Transfer students and Business Administration majors should take a four-credit lab science course. Prerequisites: MAT 80; ENG 82 or RENG 92. Three credits.

16 WEEK Z-COURSE: Aug. 27 – Dec. 16
1740 MW 10:30-11:55 am Staff LSB 306
1741 TR 11 am-12:25 pm Staff LSB 240
3867 F 5:30-8:20 pm Staff LSB 304
3872 M 7-9:50 pm Staff LSB 304

16 WEEK ONLINE: Aug. 27 – Dec. 16
7719 TBA TBA Staff N/A

BIO 102
Principles of Biology

This is a competency-based one-semester lecture/laboratory course covering the major principles of biology. Topics include biochemistry, cell biology, respiration, photosynthesis, genetics, evolution, ecology, reproduction, and energetics. Recommended for science and non-science majors who plan to transfer to four-year institutions and universities. Prerequisites: MAT 81 and ENG 82, RENG 92 or appropriate ACPIPLACER scores. Four credits.

16 WEEK: Aug. 27 – Dec. 16
1742 TR 8-9:25 am Staff LSB 304
1751 MW 10:30-11:55 am Staff LSB 356
1012 TR 11 am-12:25 pm Staff LSB 356
1013 TR 2-3:25 pm Staff LSB 356
7000 MW 9-10:25 am Staff BIOP 230
3003 F 5:30-8:20 pm Staff LSB 241
3870 W 6-8:45 pm Staff LSB 304

16 WEEK ONLINE: Aug. 27 – Dec. 16
7757 TBA TBA Staff N/A
BIO 102L
Principles of Biology Lab
16 WEEK: Aug. 27 – Dec. 16
1731 F 8-10:50 am Staff LSB 356
3004 S 9-11:50 am Staff LSB 354
1743 T 1-3:45 pm Staff LSB 354
1745 F 1-3:50 pm Staff LSB 354
1759 M 1-3:50 pm Staff LSB 354
1016 W 2-4:45 pm Staff LSB 356
3890 T 4-6:50 pm Staff LSB 354
7002 M 11am-1:50 pm Staff BIOP 205
3874 R 5:30-8:20 pm Staff LSB 354

BIO 107
Anatomy and Physiology
A comprehensive study of the human body is provided from its biochemical and sub-cellular aspects through tissues, organ systems, and their integration. Skeletal, muscular, and nervous systems, including special sense organs, are studied. Circulatory, respiratory, digestive, urinary, and reproductive systems are considered. A survey of embryology and development is included. Special emphasis is on the human body from its biochemical and sub-cellular function of the human body. It covers in detail the Anatomy and Physiology I and II. Special emphasis is on the human body from its biochemical and sub-cellular aspects through tissues. Special emphasis is on the integumentary, skeletal, muscular, nervous, and endocrine systems. The lecture and laboratory are correlated to provide an overview of the interrelationships of normal human anatomy and physiology. Note: Students who are proficient in anatomy and physiology may take a Departmental Challenge Exam for course credit. Prerequisites: BIO 101 or BIO 102. Four credits.

16 WEEK: Aug. 27 – Dec. 16
3902 S 9-11:45am Staff LSB 120
1733 MW 9:30-10:55am Staff LSB 120
1758 TR 11am-12:25pm Staff LSB 120
7007 TR 9:30-10:55am Staff BIOP 228
3880 TR 5:30-6:55pm Staff LSB 241
3882 MW 6-7:25pm Staff LSB 120

16 WEEK ONLINE: Aug. 27 – Dec. 16
7828 TBA TBA Staff N/A
Students must buy an online access code for this course.

12 WEEK: Aug. 27 – Oct. 20
3895 MW 6-7:45pm Staff LSB 323
Students must enroll in the 12-week lab. BIO 202L, section 3896 (see below).

BIO 202L
Anatomy and Physiology I Lab
16 WEEK: Aug. 27 – Dec. 16
1734 MW 8-9:25 am Staff LSB 415
1763 TR 9:30-10:55 am Staff LSB 415
3903 S 12:30-3:35 pm Staff LSB 415
1025 TR 1:30-2:55 pm Staff LSB 415
1770 MW 1:30-2:55 pm Staff LSB 415
7009 TR 11am-12:25 pm Staff BIOP 213
1771 MW 4:30-5:50 pm Staff LSB 415
3881 TR 7-8:25 pm Staff LSB 415
3883 MW 7:30-8:55 pm Staff LSB 415

12 WEEK: Sep. 24 – Dec. 16
3896* MW 8-9:40 pm Staff LSB 419
*BIO 202L section 3896 is a 12-week lab class for students enrolled in BIO 202 section 3895 lecture only

BIO 203
Anatomy and Physiology II
This course provides a continuation of BIO 111 designed to provide up-to-date principles of the Cardiovascular, Lymphatic, Respiratory, Digestive, Excretory (urinary), and Reproductive systems. Embryology, Genetics, and Immunology are included. A consideration of the effects of stress on normal anatomy and physiology is interwoven throughout the course. BIO 203 requires lecture and lab: day lecture/day lab, evening lecture/evening lab. Prerequisites: BIO 111 or BIO 202. Four credits.

16 WEEK: Aug. 27 – Dec. 16
1764 MW 9:30-10:55am Staff LSB 241
1765 TR 9:30-10:55am Staff LSB 241
3884 MW 6-7:25pm Staff LSB 241
7010 TR 5:30-6:55pm Staff BIOP 228
BIO 203 requires a lecture and a lab: day lecture/day lab, evening lecture/evening lab.

16 WEEK ONLINE: Aug. 27 – Dec. 16
8003 TBA TBA Staff N/A
Students must buy an online access code for this course.
of DNA in several hosts and the application and impact of this technique on human lives. Three credits.

16 WEEK: Aug. 27 – Dec. 16
7017  TR  12:1-20 pm Staff BIOP 225

**BTC 105**
**Techniques of Instrumentation for Biotechnology**
Students are introduced to instruments commonly used in biotechnology. Theoretical as well as practical experiences are included in the following areas: chromatography (PC, TLC, HPLC), electrophoresis, fluorescence, microscopy, tissue culture, PCR, and other specialized instruments. The students are also oriented to techniques that include maintenance, calibrations, and equipment logs. Prerequisites: CHE 101; BTC 103; BIO 102. Four credits.

16 WEEK: Aug. 27 – Dec. 16
7025  T  1:30-3:55 pm Staff BIOP 225

**BTC 105L**
**Techniques of Instrumentation for Biotechnology Lab**

16 WEEK: Aug. 27 – Dec. 16
7026  R  1:30-3:55 pm Staff BIOP 225

**BUSINESS ADMINISTRATION**

**BUAD 100**
**Introduction to Business**
The purposes and functions of the main business disciplines are reviewed. Use of lectures, case studies, and/or computerized learning guides aid the student in developing an awareness of the relationships among business functions. The content aids in choosing a vocation, helps business majors select a field of concentration, and gives students a familiarity with business practices and terms. Students must have an inexpensive, small calculator. Prerequisite: ENG 82 or RENG 82. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1000  MW  10-10:50 am Staff MNB 312
1003  TR  11 am-12:25 pm Staff MNB 304
8758* TR  8:30-10:50 am Staff TBA
4000  T  5:30-8:15 pm Staff MNB 318

12 WEEK ONLINE: Sep. 24 – Dec. 16
7770  TBA TBA Staff N/A

*BUAD 100 section 8758 is an Accelerated I course for Year-Up students only. Students must contact Dr. Bob Iweha at 410-462-7637.

**BUAD 112**
**Computers for Business Management**
An introduction to the use of desktop, stand-alone computers, and computer terminals for nonprofessional users is provided. The theory of operation and the history of computers are studied to better grasp operational procedures encountered in the workplace. Emphasis is placed on the use of applications programs rather than the writing of new programs. PowerPoint, database, and word processing programs are operated by students. This course is designed to make the average citizen computer literate. Passing this course with a "C" or better fulfills the College’s Computer Literacy Requirement. Prerequisite: ENG 82 or RENG 82. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1500  MW  8-9:25 am Staff MNB 302
8743* MW  9-11:30 am Staff MNB 164
2021  MW  9:30-10:55 am Staff MNB 302
2022  MW  9:30-10:55 am Staff MNB 302
2031  MF  12:30-1:55 pm Staff MNB 162
1023  TR  2:30-3:55 pm Staff MNB 252
4025 W  5:30-8:15 pm Staff MNB 326

16 WEEK ONLINE: Aug. 27 – Dec. 16
7800  TBA TBA Staff N/A

12 WEEK: Sep. 24 – Dec. 16
3022  S  9 am-12:45 pm Staff MNB 327

8 WEEK- ACCELERATED II: Oct. 22 – Dec. 16
7231  MW  2-4:30 pm Staff MNB 327

**BUAD 207**
**Business Law**
This course provides an introduction to law and the manner in which it regulates business activity. Topics include statutory and case law, legal rights, contracts, and sales. Prerequisites: ENG 101 and sophomore standing (30 credits or more). Three credits.

16 WEEK: Aug. 27 – Dec. 16
1027  MWF  10-11 am Staff MNB 318

16 WEEK ONLINE: Aug. 27 – Dec. 16
7718  TBA TBA Staff N/A

**BUSINESS COMPUTER APPLICATIONS**

**BCAP 104**
**Introduction to Operating Systems: DOS/Windows**

16 WEEK: Aug. 27 – Dec. 16
1027  MWF  10-11 am Staff MNB 318

16 WEEK ONLINE: Aug. 27 – Dec. 16
7833  TBA TBA Staff N/A

**BCAP 126**
**Comprehensive Spreadsheets**
Students develop the skills necessary to plan, build, test, and document spreadsheets. The power of the Microsoft Excel features used for calculating, charting, and managing data is emphasized. Students learn advanced tasks such as analyzing “what if” alternatives, combining worksheet results, pasting worksheet solutions into other Windows applications, auditing, data validation, and solving complex problems. Case problems provide students opportunities to apply what they have learned to solve realistic business problems. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1547  MW  11 am-12:50 pm Staff MNB 327
3538  M  5:30-9:20 pm Staff MNB 327

**BCAP 136**
**Database Management Systems**
This course introduces the concept of managing a database using a current version of database software. It covers beginning through advanced database skills. Topics include maintaining and querying a database, designing forms and reports, filtering, and creating charts and PivotTable forms from databases. Additional features presented include creating custom toolbars and menus, using workgroup features such as database replication, and writing Visual Basic code. Students are introduced also to Web features emphasizing the seamless integration between data source and Web pages. The text used is approved by Microsoft as courseware for the Access Expert level Microsoft Office Specialist Certification Examination. Prerequisite or Corequisite: BCAP 104 or permission of the PC Applications Specialist Program Coordinator. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1550  TR  11am-12:50 pm Staff MNB 327
3540  T  5:30-9:20 pm Staff MNB 327

**BCAP 270**
**Introduction to Help Desk Support**
This course is an introduction to the popular and evolving field of Help Desk Support. Students learn about technical as well as customer service issues related to help desk support. Topics covered include end user computing, computer user support, product evaluation strategies and standards, user needs analysis and assessment, installation of end user computer systems, training computer users, documentation for end users, computer facilities management, help desk operation, customer service skills for user support, troubleshooting computer problems, common support problems, and information resources for user support. Students are also introduced to leading help desk support software. Prerequisites: BCA 104 or BCAP 104. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7710  TBA TBA Staff N/A

**CHE 101**
**General Chemistry I**
The fundamental principles, laws, and theories of chemistry are introduced. Topics include the nature of chemistry, matter and thermochemistry, physical and chemical change, states of matter, measurement, heat and temperature, density, stoichiometry, inorganic nomenclature, atomic structure, historical development of the atom, the periodic table, and
gases. **Note:** Students without high school chemistry are urged to take CHE 103 before attempting this course. Placement tests are available to assess the skills of prospective students. CHE courses require lecture and lab. **Prerequisites:** MAT 82 or MAT 92 and ENG 82 or RENG 92 or appropriate ACCUPLACER scores. Four credits.

**CHE 105**  
**Introduction to Biochemistry**  
The basics of organic chemistry and biochemistry are surveyed. Topics include the nature of organic compounds, functional groups, carbohydrates, lipids, proteins, enzymes, vitamins, hormones, drugs, and nucleic acids. This course is primarily for students enrolled in the Dental Hygiene Program but is open to others. This course does not have a laboratory component. **Prerequisite:** CHE 103 or equivalent. Two credits.

**CHE 213**  
**Organic Chemistry I**  
A formal study of carbon compounds is presented with emphasis placed on the correlation of structure and chemical reactivity. This course is the first of a two-semester sequence in organic chemistry normally taken by pre-medical, biotechnology, physician assistant, nursing, pre-pharmacy, biology, biochemistry or chemistry, pre-dental, and prechemical engineering majors. Topics normally treated during the first semester are a review of general chemistry, bonding, and Lewis structures. The first semester of Organic Chemistry starts with a review of fundamentals of General Chemistry leading to topics in Organic Chemistry such as alkane, alkene, alkyne and amine. **Prerequisite:** CHE 101; CHE 102 recommended. Four credits.

**CHE 213L**  
**Organic Chemistry I Lab**  
16 WEEK: Aug. 27 - Dec. 16  
1802 M 3:30-6:20 pm Staff BIOP 231  
This lecture class requires students to be simultaneously registered for a CHE 213L lab.

**CHE 214**  
**Organic Chemistry II**  
This course continues CHE 203: Organic Chemistry I. It involves further study of the structure and reactivity of organic compounds. This course is the second of a two-semester sequence in organic chemistry for some biotechnology, premedical, pre-pharmacy, pre-dental, biology, chemistry, biochemistry, pre-chemical engineering students, etc. Topics normally treated during the second semester are stereochemistry, optical activity, alcohols, carboxylic acids and their derivatives, organic nitrogen compounds, aromatic chemistry, organic synthesis, and the qualitative identification of unknowns. Techniques learned during the first semester are put to practical use during the second semester. **Prerequisite:** CHE 213. Four credits.

**CHE 214L**  
**Organic Chemistry II Lab**  
16 WEEK: Aug. 27 - Dec. 16  
1811 T 8-9:20 am Staff LSB 306
Students taking online, hybrid and Z-courses must have internet access and be computer literate.
CONSTRUCTION SUPERVISION

CON 101
Introduction to Construction
This course explores the properties of various materials used in construction such as wood, steel, brick, concrete, plastic, glass, soils, and other materials. It also explores the relationships and roles of the participants in the construction process, from architect to subcontractor. The effect of construction management on manpower, equipment, material, time, and money is covered. Also presented are the role of computer software in the construction industry and an overview of construction equipment and machinery. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Corequisites: CON 102; CON 103, ENG 101. Three credits.

12 WEEK: Sep. 24 – Dec. 16
2098 M 2:50-5:25 pm Staff MNB 175

CON 104
Construction Methods and Materials

12 WEEK: Sep. 24 – Dec. 16
4227 R 5:30-9:20 pm Staff MNB 175

CON 200
Cooperative Education
Students have the opportunity to apply knowledge in a supervised work environment related to their academic programs or career interests. Three hundred hours of paid work and 16 classroom hours are required. Career exploration and work readiness skills are covered in the classroom. Prerequisites: 2.0 G.P.A.; completion of 15 credits; completion of specific courses in the student’s program; permission of the student’s program head and the Co-Op Coordinator. Three credits.

16 WEEK: Aug. 27 – Dec. 16
8736 W 8:30-10:45 am Staff MNB 118

COP 200 section 8736 is a contract course for Year-Up students only. Students must contact Dr. Bob Iweha at 410-462-7637.

CRIMINAL JUSTICE

CRJ 101
Introduction to Criminal Justice
Students are given an overview of the field of criminal justice in the context of our social, cultural, political, and economic system. The course introduces students to the history of and social response to crime. It examines the origins of and fundamental concepts associated with law enforcement and corrections. The structure and functions of State and Federal courts are reviewed and current issues in criminal justice are explored. CRJ 101 provides law enforcement and correctional administration students a solid foundation for future coursework, research, and practice in the field. It is an excellent opportunity for interested students in other fields of study to familiarize themselves with the criminal justice system and its far-ranging impact on society. Three credits.

16 WEEK: Aug. 27 – Dec. 16
2761 TR 9-10:20 am Staff MNB 175
4562 R 6-8:45 pm Staff MNB 120

CRJ 102
Report Writing for Criminal Justice Personnel

16 WEEK: Aug. 27 – Dec. 16
2764 TR 11 am-12:20 pm Staff LSB 323

CRJ 104
Fundamentals of Law Enforcement

8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7804 TBA TBA Staff N/A

CRJ 107
Institutional Treatment of Offenders
The growth and development of U.S. correctional institutions are explored in relation to theories of institutionalization of offenders. Inmate management and rehabilitation programs are examined in detail. Functions of personnel, research and evaluation methodologies, and prediction tables are covered. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
8736 W 8:30-10:45 am Staff MNB 118

CRJ 292
Criminal Justice Internship
This course is for non-practitioner students, who are assigned to an agency by the academic adviser and the fieldwork coordinator. Assignments include observation of agency and staff functions, staff-client interaction, observing and recording data, and analysis of the agency. A weekly seminar supplements fieldwork. Prerequisites: CRJ 291. Three credits.

16 WEEK: Aug. 27 – Dec. 16
4564 T 6-8:45 pm Staff MNB 258

DENTAL HYGIENE

DH 130
Dental Materials

16 WEEK: Aug. 27 – Dec. 16
1480 F 8-9:50 am Staff LSB 237
DH 130 requires lecture and lab. Students are required to purchase all lab supplies.

DH 130L
Dental Materials Lab

16 WEEK: Aug. 27 – Dec. 16
1481 R 8-10:50 am Staff LSB 102
1482 T 8-10:50 am Staff LSB 102

DH 142
Histology and Embryology

16 WEEK: Aug. 27 – Dec. 16
1483 T 2:30-4:20 pm Staff LSB 237

DH 143
Fundamentals of General and Oral Pathology

16 WEEK: Aug. 27 – Dec. 16
1484 R 2:30-3:20 pm Staff LSB 255

DH 150
Pre-Clinical Dental Hygiene

16 WEEK: Aug. 27 – Dec. 16
1485 MF 11-11:50 am Staff LSB 255

DH 150 requires lecture and lab. Students are required to purchase all lab supplies.

DH 150L
Pre-Clinical Dental Hygiene Lab

16 WEEK: Aug. 27 – Dec. 16
1486 M 9-10:50 am Staff LSB 104
1487 W 9-10:50 am Staff LSB 104

DH 230
Oral Pathology

16 WEEK: Aug. 27 – Dec. 16
1488 M 8-9:50 am Staff LSB 237

DH 231
Pharmacology

16 WEEK: Aug. 27 – Dec. 16
1490 W 8-9:50 am Staff LSB 237
Baltimore City Community College

CHE 103 or equivalent or BIO 107

Prerequisites

The course is accepted for transfer into four-year nursing programs. Dietary Guidelines for Americans. This course is accepted for transfer into four-year nursing programs. Emphasis is on the prevention of nutrition related disorders by the application of the information for the nutrition care of others for optimum health and treatment of disease, are those for whom the course is planned. Course content includes the nutrients, their functions in the body, food as a source of the nutrients, and the nutritional needs throughout life. Emphasis is on the prevention of nutrition related disorders by the application of the Dietary Guidelines for Americans. This course is accepted for transfer into four-year nursing programs. Essentials include setting limits, building self-esteem, helping children handle emotions, and learning through play. Students are required to participate in guided observations of individual children. ECE 112 fulfills one-half of the Maryland State Department of Human Resources minimum training requirements for child day care senior staff certification. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7728 TBA TBA Staff N/A

EARLY CHILDHOOD EDUCATION

ECE 111

Principles and Practices in Early Childhood Education

This course develops an understanding of the roles and accountabilities of the early childhood education profession, as well as history, theory and standards-based education for developmentally appropriate practices and programs. It includes curriculum and methods for planning developmentally appropriate activities and environments to enhance children’s cognitive, emotional, physical and language development that includes methods to foster respect and appreciation for cultural diversity. Three credits.

12 WEEK ONLINE: Sep 24 – Dec 16
7790 TBA TBA Staff N/A

DENTAL SCIENCE

DS 100

Oral Anatomy and Physiology

16 WEEK: Aug. 27 – Dec. 16
1496 MF 12:30-1:20 pm Staff LSB 306

DS 100 requires lecture and lab. Students are required to purchase all lab supplies.

DS 100L

Oral Anatomy and Physiology Lab

16 WEEK: Aug. 27 – Dec. 16
1497 F 2-5 pm Staff LSB 102
1498 W 2-5 pm Staff LSB 102

DIETETIC TECHNICIAN

DNT 200

Nutrition for Health Sciences

This course is designed for the student with some background in the physical and biological sciences. Allied health professionals, who need detailed information for the nutrition care of others for optimum health and treatment of disease, are those for whom the course is planned. Course content includes the nutrients, their functions in the body, food as a source of the nutrients, and the nutritional needs throughout life. Emphasis is on the prevention of nutrition related disorders by the application of the Dietary Guidelines for Americans. This course is accepted for transfer into four-year nursing programs. 

Prerequisites: CHE 103 or equivalent or BIO 107 or BIO 111 or BIO 112 or permission of instructor or concurrent with one of the above. Three credits.

16 WEEK: Aug. 27 – Dec. 16
3013 W 7-9:45 pm Staff MNB 128
16 WEEK ONLINE: Aug. 27 – Dec. 16
7702 TBA TBA Staff N/A

Maryland State Child Day Care Training Certification: Child Growth and Development, Part I

Students are provided with a broad overview of normal child growth and development from birth to twelve years, with particular emphasis on the period from two to five years. Developmental delays and disturbances are described. Also discussed are basics in terms of guiding the learning of the young child in order to promote optimum development both at home and in a group setting. The topics include setting limits, building self-esteem, helping children handle emotions, and learning through play. Students are required to participate in guided observations of individual children. ECE 112 fulfills one-half of the Maryland State Department of Human Resources minimum training requirements for child day care senior staff certification. Three credits.

16 WEEK: Aug. 27 – Dec. 16
8724 TR 1:30-3:06 pm TBA N/A
8 WEEK ACCELERATED I HYBRID: Aug. 27 – Oct. 20
7119 S 8 am-12:45 pm Staff MNB 256
8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7106 TBA TBA Staff N/A

ECE 112 section 8724 is a contract course for Bais Yaakov students only.

ECE 113

Maryland State Child Day Care Training Certification: Programs and Activities, Part II

A broad overview is provided of the child day care environment for the development of appropriate physical, psychosocial, and cognitive skills of children from birth to twelve years. Key program components such as indoor and outdoor play, transitions, parent involvement, and program scheduling are covered. Philosophical bases of developmentally appropriate curricula in both home and group settings are examined. Students have the opportunity to observe different program types and the application of principles of learning. In addition, students are given opportunities to demonstrate beginning-level competence in planning and implementing activities for children. ECE 113 fulfills one half of the Maryland State Department of Human Resources training requirements for child day care senior staff certification. Three credits.

8 WEEK ACCELERATED II: Oct. 22 – Dec. 16
7234 S 8 am-12:45 pm Staff MNB 256

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7214 TBA TBA Staff N/A

ECE 114

Caring for Infants and Toddlers

A broad overview of normal growth and development from birth to three years with particular emphasis on the period from birth to two years is covered. Basics of planning activities for infants and toddlers in order to promote optimum development both at home and in a group setting are discussed. The topics include setting limits, building self-esteem, helping children handle emotions and learning through play. Students are required to participate in guided observations of individual children and programs. This course also meets the requirements for those students who need additional credits beyond the 64-hour Maryland State Child Day Care Training Certification. Prerequisite: ECE 100. Three Credits.

8 WEEK ACCELERATED I: Aug. 27-Oct. 20
7110 MW 12-2:40 pm Staff MNB 256

ECE 117

Guiding Behavior in Young Children

A broad overview of normal growth and development from birth to three years with particular emphasis on the period from birth to two years is covered. Developmental delays and disturbances are described. Basics of planning activities for infants and toddlers in order to promote optimum development both at home and in a group setting are discussed. The topics include setting limits, building self-esteem, helping children handle emotions and learning through play. Students are required to participate in guided observations of individual children and programs. This course also meets the requirements for those students who need additional credits beyond the 64-hour Maryland State Child Day Care Training Certification. Prerequisite: ECE 100. Three Credits.

8 WEEK ACCELERATED I: Aug. 27-Oct. 20
7110 MW 12-2:40 pm Staff MNB 256

ECE 112

Maryland State Child Day Care Training Certification: Child Growth and Development, Part I

Students are provided with a broad overview of normal child growth and development from birth to twelve years, with particular emphasis on the period from two to five years. Developmental delays and disturbances are described. Also discussed are basics in terms of guiding the learning of the young child in order to promote optimum development both at home and in a group setting. The topics include setting limits, building self-esteem, helping children handle emotions, and learning through play. Students are required to participate in guided observations of individual children. ECE 112 fulfills one-half of the Maryland State Department of Human Resources minimum training requirements for child day care senior staff certification. Three credits.

16 WEEK: Aug. 27 – Dec. 16
8724 TR 1:30-3:06 pm TBA N/A
8 WEEK ACCELERATED I HYBRID: Aug. 27 – Oct. 20
7119 S 8 am-12:45 pm Staff MNB 256
8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7106 TBA TBA Staff N/A

ECE 112 section 8724 is a contract course for Bais Yaakov students only.
observations of individual children and programs. This course also meets the requirements for those students who need additional credits beyond the 64-hour Maryland State Child Day Care Training Certification. Prerequisite: ECE 100. Three credits.

8 WEEK ACCELERATED II: Oct. 22 – Dec. 16
7219 MW 12-2:40 pm Staff MNB 256

ECE 211 Nutrition Health & Safety for Children
The health, nutrition and safety needs of young children between the ages of birth to eight years old is examined in the school and home environment. Childhood diseases and symptoms are examined as well the role of the adult in providing healthy, nutritional and safety needs of children which include emergency preparedness. Three credits.

12 WEEK: Sep. 24 – Dec. 16
1592 MW 3-4:20 pm Staff MNB 118

ECE 217 Planning and Administering Programs for Children
An overview of the planning and administration of a childcare program is provided. Students examine the procedures for license and registration, plan space, and equip a program based on the ages served and the regulatory guidelines. Topics include licensing and regulation, space/facility planning, business plan, business resources, staff considerations, needs assessment, program components, and understanding parents and employers. Each student plans a program for children to meet an identified need. Prerequisites: ECE 100 and ECE 101; or ECE 112 and ECE 113; DHR Office of Child Care Licensing and Regulation Senior Staff Certification; or permission of the instructor. Three credits.

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7794 TBA TBA Staff N/A

EDUCATION

EDU 215 Developmental Process and the Acquisition of Reading Competency
This course explains the process of language development, including the impact of phonemic awareness, and how the brain responds to reading instruction. Students will learn about the latest brain research and the relationship and role of each component of language acquisition to reading development. Students will discuss the interactive nature of the reading process and analyze the effects of phonemic awareness and phonics on developing readers. Finally, students will analyze the essential connection of language development, reading acquisition, and writing. Three credits.

12 WEEK ONLINE: Sep 24 – Dec 16
7844 TBA TBA Staff N/A

EDU 225 Effective Assessment and the Teaching of Reading
This course shows students a variety of assessment techniques, processes, and instruments that can be used to guide instruction in reading. Class participants will learn about diagnostic teaching techniques in the areas of literacy. Students will learn how to use data from state and local assessments to make educational decisions. Students will also learn effective methods of reporting assessment results to all the relevant stakeholders such as parents, school personnel and the community. Three credits.

12 WEEK ONLINE: Sep 24 – Dec 16
8244 TBA TBA Staff N/A

EDU 235 Methods of Teaching Reading in Secondary Content Areas, Part I
This course outlines the essentials of the reading process for application of appropriate reading methodology in secondary content courses. Students will be introduced to methods and strategies to incorporate content area reading instruction into secondary courses. Students will also learn how to assess reading skills and provide appropriate motivational reading activities to improve the learner’s performance in content areas. Three credits.

12 WEEK ONLINE: Sep 24 – Dec 16
7206 TBA TBA Staff N/A

ELECTRONICS TECHNOLOGY

ELC 120 DC Circuits Analysis
12 WEEK: Sep. 24 – Dec. 16
2106 M 10:30 am-12:40 pm Staff LSB 418

ELC 120L DC Circuits Analysis Lab
12 WEEK: Sep. 24 – Dec. 16
2107 W 10:30 am-1:40 pm Staff LSB 418

EMERGENCY MEDICAL TECHNICIAN

EMSP 104 Emergency Medical Technician
This 192 hour pre-hospital care provider course meets Maryland State and National Registry of EMTs requirements leading to eligibility for certification as an Emergency Medical Technician and will include the latest State of Maryland Medical Protocols for EMS Providers. The 192 hours is broken down into 168 hours of prescribed course instruction and 24 hours of field training. Six additional hours are required for certification testing. Course emphasis is on recognition of signs and symptoms of illness and injury and appropriate emergency care procedures. Topics include: fundamentals of emergency medical service, patient assessment, airway
management oxygen therapy, and resuscitation, medical emergencies, bleeding control and wound management, stabilization of fractures, and spinal injuries, medical emergencies, lifting and moving patients, IV maintenance, and administration of approved medications. Nine credits.

16 WEEK: Aug. 27 – Dec. 16
1990 MTR 9-11 am Staff MNB 211
3094 MTR 6-8 pm Staff MNB 211

EMSP104L is the patient care skills lab related to EMSP104. Lab classes are intermixed with didactic classes in this course. Students registering for EMSP104 must register for one of the EMSP104L patient care skills labs scheduled on the same days at the same time.

EMSP 104L

EMSP LAB
16 WEEK: Aug. 27 – Dec. 16
1991 MTR 11 am-12:30 pm Staff MNB 224
1992 MTR 11 am-12:30 pm Staff MNB 202
1993 MTR 11 am-12:30 pm Staff MNB 204
3097 MTR 8-9:30 pm Staff MNB 224
3099 MTR 8-9:30 pm Staff MNB 204

ENGINEERING TRANSFER

EGN 101
Engineering Graphics
This course introduces students to the elements of graphics communication, visualization, analysis, and basic engineering design principles. At the end of the class, students should be able to use Lego Mindstorm Robotics Platform to design, visualize, simulate, test and redesign a robot. Prerequisite: MAT 128. Corequisite: MAT 129. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1830 W 2-4:45 pm Staff LSB 244

EGN 102
Statics
16 WEEK: Aug. 27 – Dec. 16
1831 TR 2:30-3:55 pm Staff LSB 240

RENG 92
Reading & Writing Skills II
The third course in the three-tiered sequence of developmental writing and reading courses. This course focuses on composition of logical and well-developed expository and persuasive essays and reading competency skills. Furthermore, it introduces students to the essentials of MLA documentation and format. Grammar, mechanics, sentence structure, and reading comprehension are stressed in relation to the skills of composing and understanding essays. Students are charged four billable hours. Prerequisite: ENG 81, RENG 91, or appropriate ACCUPLACER scores.

16 WEEK: Aug. 27 – Dec. 16
1085 TR 8-9:25 am Staff MNB 130
1076 * MWF 9-10:25 am Staff MNB 130
1079 S 9am-10:25 am Staff MNB 130
1081 TR 11am-12:25 pm Staff MNB 151
1083 MW 11am-12:45 pm Staff MNB 130
1104 TR 2-3:45 pm Staff MNB 162
8722 ** MTWR 2-2:50 pm Staff MNB 125

*Section 1076 is a pilot section of RENG 92. Students will receive special assistance, with focus on college-level preparedness. Students must first meet with Associate Dean Melvin Brooks (410) 462-8558, MNB 168C for permission to join this class.

**Section 8722 is a course for Year-Up students only. Students must contact Dr. Bob Itweha at 410-462-7637.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7836 TBA TBA Staff N/A

12 WEEK: Sep. 24 – Dec. 16
1082 MWF 9:30-10:50 am Staff MNB 122
1080 TR 10 am-12:15 pm Staff MNB 125
1103 MWF 1-2:25 pm Staff MNB 151
3030 TR 5:30-7:30 pm Staff MNB 151

12 WEEK HYBRID: Sep 24 – Dec 16
3029 S 9-10:50 am Staff MNB 122

8 WEEK ACCELERATED I Z-COURSE: Aug. 27 – Oct. 20
7136 S 9-10:30 am Staff MNB 164
7135 F 6-7:30 pm Staff MNB 162

8 WEEK ACCELERATED II: Oct. 22 – Dec. 16
7282 MWF 2-3:40 pm Staff MNB 164
7873 MWF 4:5-30 pm Staff MNB 162

8 WEEK ACCELERATED II HYBRID: Oct. 22 – Dec. 16
3067 TR 7:8-45 pm Staff MNB 162

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7754 TBA TBA Staff N/A
7823 TBA TBA Staff N/A

ENG 101
English Writing
This course offers classroom instruction and practice in the skills necessary to write effective informative and persuasive essays, to understand the primary principles of scholarly inquiry and research, and to use the conventions of documentation. Students learn to use the conventions of standard written American English to establish a clear purpose in their writing, to develop their purpose with adequate and pertinent evidence, and to adapt their presentations to a range of audiences. The preparation of regularly scheduled essays is required, as is revision and editing of instructor-evaluated work. Prerequisite: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1280 MWF 8-8:55 am Staff MNB 122
1292 TR 8-9:20 am Staff MNB 164
1281 MWF 9-9:55 am Staff MNB 128
1287 TR 9:30-10:50 am Staff MNB 312
1334 TR 9:30-10:50 am Staff MNB 160
1282 MWF 10-10:55 am Staff MNB 124
7300* MWF 10-10:55 am Staff MNB 154
3234 S 12:30-3:30 pm Staff MNB 128
1288 TR 1-2:20 pm Staff MNB 128

*Section 7300 is an Honors course for Granville T. Woods Scholars. Permission of coordinator is required for registration.

16 WEEK ONLINE HYBRID: Aug. 27 – Dec. 16
7762 TBA TBA Staff N/A

16 WEEK ONLINE HYBRID: Aug. 27 – Dec. 16
3232 M 5:30-8:30 pm Staff MNB 160

12 WEEK: Sep. 24 – Dec. 16
8140 ** TR 3:30-5 pm Staff MNB 130

**Section 8140 is a 12-week contract course for students in the P-TECH (Pathways in Technology Early College High School) program. To register for this course you must contact Ms. Brittany Stephens, Program Coordinator at 410-462-8392 or bstephens@bccc.edu.
8 WEEK ACCELERATED I ONLINE HYBRID:  
Aug. 27 – Oct. 20

8761 TR 11 am-12:20 pm Staff MNB 328
8764 TR 12:30-1:50 pm Staff MNB 328
8763* MTWR 2-2:50 pm Staff MNB 125
7228 F 6-7:30 pm Staff MNB 164
*Sections 8763 and 8764 are for Year-Up students only. Students must contact Dr. Bob Iweha at 410-462-7637.

8 WEEK ACCELERATED II: Oct. 22 – Dec. 16

7208 S 9-10:30 am Staff MNB 164
7209 TBA TBA Staff N/A
7232 TR 1-2:30 pm Staff MNB 160
7233 S 11 am-12:30 pm Staff MNB 160
8 WEEK ACCELERATED II ONLINE HYBRID: Oct. 22 – Dec. 16

8762 TBA TBA Staff N/A
8763 TBA TBA Staff N/A
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16

7208 S 9-10:30 am Staff MNB 164
7209 TBA TBA Staff N/A
7232 TR 1-2:30 pm Staff MNB 160
7233 S 11 am-12:30 pm Staff MNB 160
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16

7208 S 9-10:30 am Staff MNB 164
7209 TBA TBA Staff N/A
7232 TR 1-2:30 pm Staff MNB 160
7233 S 11 am-12:30 pm Staff MNB 160

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ENG 200

**Introduction to Literature**  
The four literary forms—poetry, drama, the short story, and the novel—are studied. Major emphasis is on teaching students to read critically and to write critical essays based on the analysis of various literary works. **Prerequisite:** ENG 101. Three credits.

16 WEEK: Aug. 27 – Dec. 16

1348 TR 12:30-1:50 pm Staff MNB 124
1295 MW 1:30-3 pm Staff MNB 158
3045 T 5:30-8 pm Staff MNB 312

16 WEEK ONLINE: Aug. 27 – Dec. 16

1296 TBA TBA Staff N/A
7817 TBA TBA Staff N/A

8 WEEK ACCELERATED I: Aug. 27 – Oct. 20

7118 F 6-7:30 pm Staff MNB 158

8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20

7825 TBA TBA Staff N/A

8 WEEK ACCELERATED II ONLINE HYBRID: Oct. 22 – Dec. 16

7233 S 11 am-12:30 pm Staff MNB 160

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16

7824 TBA TBA Staff N/A

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ENG 205

**The Woman in Literature**  

8 WEEK ACCELERATED II: Oct. 22 – Dec. 16

7232 TR 1-2:30 pm Staff MNB 160

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ENG 210

**African American Literature**  

16 WEEK ONLINE: Aug. 27 – Dec. 16

7811 F 6-7:30 pm Staff MNB 158

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16

7835 TBA TBA Staff N/A

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ENVIRONMENTAL SCIENCE

**ES 110**  

**Environmental Science**  

The ways in which water supplies, food supplies, energy supplies, air quality, housing safety, pest control, and public sanitation affect man's external environment and environmental health are examined. **Prerequisites:** MAT 81 or MAT 91; ENG 82 or RENG 82. Three credits.

12 WEEK: Sep. 24 – Dec. 16

1010 TR 10-11:50 am Staff LSB 354

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**FASHION DESIGN**

**FASH 101**  

**Apparel Technology**  

This course stresses the fundamental skills in the construction of apparel with emphasis on the development of professional proficiency. Garments are created by both hand and machine methods with technical perfection being the goal. Students must have access to an industrial or domestic sewing machine for use out of class. Three credits.

16 WEEK: Aug. 27 – Dec. 16

2502 TR 9-11:50 am Staff MNB 220

FASH 103

**Fashion Design Concepts**  

16 WEEK: Aug. 27 – Dec. 16

2503 W 9-11:50 am Staff MNB 220

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FASH 108

**Survey of Textiles**  

This course presents an overview of textiles with an emphasis on the factors that produce successful garments. Consideration is given to modern textile innovations, the identification of fabrics, and the comparison of fibers for specific uses. Three credits.

16 WEEK: Aug. 27 – Dec. 16

2514 M 9-11:50 am Staff MNB 214

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**FASH201**  

**Technical Fashion Illustration**  

7123 TBA TBA Staff N/A

16 WEEK: Aug. 27 – Dec. 16

2509 MW 1-3:35 pm Staff MNB 220

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**FASH206**  

**Fashion Entrepreneurship**  

16 WEEK ONLINE: Aug. 27 – Dec. 16

7837 TBA TBA Staff N/A

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**GEOGRAPHY**

**GEO 102**  

**Elements of Cultural Geography**  

12 WEEK ONLINE: Sep. 24 – Dec. 16

7768 TBA TBA Staff N/A

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HEALTH

HEA 102
First Aid and Safety
This course is the Red Cross Standard Safety and First Aid course. Students are certified in CPR. Red Cross certificates are awarded upon successful completion. Possession of a current American Red Cross completion card fulfills the requirements of this course. One credit.
16 WEEK: Aug. 27 – Dec. 16
1610 F 12-1:50 pm Staff PEC 122

HEA 205
Human Sexuality
Health-focused perspectives on sexuality, based on psychological, physiological, and sociological concepts are explored. The information assists students with making informed sexuality-related choices. Content includes origins of sexuality, gender roles, relationships, reproductive, and sexual health. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1042 MWF 10-10:55am Staff PEC 124
16 WEEK ONLINE: Aug. 27 – Dec. 16
7816 TBA TBA Staff N/A
7822 TBA TBA Staff N/A

HEALTH AND LIFE FITNESS

HLF 167
Jogging
16 WEEK: Aug. 27 – Dec. 16
1621 M 12:30-1:45 pm Staff PEC 124

HLF 201
Personal and Community Health
16 WEEK: Aug. 27 – Dec. 16
1052 TR 9-10:20 am Staff PEC 124
1610 F 12:30-1:45 pm Staff PEC 124
1050 TR 12:30-1:50 pm Staff PEC 122
8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7775 TBA TBA Staff N/A
7776 TBA TBA Staff N/A
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7239 TBA TBA Staff N/A

HLF 210
Physical Fitness and Health
Students are provided with knowledge about the role of exercise, and a wellness approach to health and fitness. Assessment instruments are used to develop a personal physical fitness program. Participation in class discussions and fitness activities are included. Two credits.
16 WEEK: Aug. 27 – Dec. 16
1623 TR 9-10:20 am Staff PEC 122
16 WEEK ONLINE: Aug. 27 – Dec. 16
7756 TBA TBA Staff N/A
8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
7191 S 8-11:40 am Staff PEC 122
8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7777 TBA TBA Staff N/A

HEALTH INFORMATION TECHNOLOGY

HIT 120
Health Information Systems
Note: In order to register for HIT courses, students must be admitted to either the HIT or Coding Special-
izations: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
16 WEEK ONLINE: Aug. 27 – Dec. 16
7765 TBA TBA Staff N/A
8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
3466 MW 6-8:30pm Staff MNB 258

HIT 120L
Health Information Systems Lab
16 WEEK ONLINE: Aug. 27 – Dec. 16
7251 TBA TBA Staff N/A

HIT 132
CPT-4 Coding Principles and RVUs/APGs
16 WEEK: Aug. 27 – Dec. 16
3150 R 6-7:50 pm Staff NRS 100

HIT 226
Coding Practicum II
16 WEEK: Aug. 27 – Dec. 16
Examinations for online classes will be given on campus.
3152 M 6-7:50 pm Staff NRS 100

HIT 226L
Coding Practicum II Lab
16 WEEK: Aug. 27 – Dec. 16
3153 W 6-7:50 pm Staff NRS 100
Examinations for online classes will be given on campus.

HISTORY

H 101
History of African Civilization I
The history of Africa from the early hominids to modern times is traced. Major political, economic, and social trends are included in the survey. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1869 MW 8-9:20 am Staff MNB 312
1870 TR 8-9:20 am Staff MNB 128
16 WEEK ONLINE: Aug. 27 – Dec. 16
7765 TBA TBA Staff N/A
8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
3466 MW 6-8:30pm Staff MNB 258

H 102
History of American Civilization II
The settlement of America and its people, from the Age of Exploration, and the conclusion of the Civil War, is surveyed. Major political, economic, and social trends are included in the study. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
3470 S 8-10:30 am Staff MNB 306
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7251 TBA TBA Staff N/A

H 110
History of African American Civilization I
The history of the African American people from the anthropological origins of humankind, through ancient and medieval African history, to the colonial experience in the Americas, up to the mid-19th century is traced. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1874 TR 9:30-10:50 am Staff MNB 318
16 WEEK ONLINE: Aug. 27 – Dec. 16
7747 TBA TBA Staff N/A
8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
1873 MW 1-3:45 pm Staff MNB 258

Students taking online, hybrid and Z-courses must have internet access and be computer literate.
History of African American Civilization II
The African-American historical experience from 1860 to the present, is studied. This part of the survey includes a detailed study of the economic, social, cultural, and political life of African-Americans in the United States. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
8 WEEK- ACCELERATED II: Mar. 19 - May 20
7244 MW 1:3-4:50 pm Staff MNB 312

World History I
Study world culture from prehistoric times through the Renaissance. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1885 MW 11 am-12:20 pm Staff MNB 258
16 WEEK ONLINE: Aug. 27 – Dec. 16
7707 TBA TBA Staff N/A

World History II
Learn about world development from the Protestant Reformation to modern times. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1887 MW 9-11:30 am Staff SB 304
8 WEEK ACCELERATED II: Mar. 19 - May 20
4037 W 7:30-9:20 pm Staff LSB 307

HUMANITIES

Survey of Art, Literature, and Music
The interrelationships of art and music, including African and Eastern influences, are introduced. Historical perspective is provided by a preliminary investigation of selected social, political, and artistic current events. The interrelationships among these areas and their significance to contemporary life are emphasized. Class trips to local museums are included. Prerequisite: ENG 101 or appropriate ACCUPLACER scores. Three credits.
12 WEEK ONLINE: Sep. 24 – Dec. 16
7807 TBA TBA Staff N/A

Literature and Healing: Moral, Ethical, and Legal Implications
This course offers students the opportunity to access and to analyze moral and ethical principles which apply to different health-related issues expressed in literary works. Issues such as patient abuse, mental illness, highly infectious viral diseases, depression, physical diseases, death, and other related issues will be considered from the practical perspective of literature, psychology and philosophy students as well as students in the biotechnology and allied health fields. These specific issues will be presented through the study of novels, books, and articles from which principles and dilemmas regarding the content may have evolved as well as the critical and analytical study of literary selections in which these issues are evident. Prerequisite: ENG 101. Three credits.
12 WEEK ONLINE: Sep. 24 – Dec. 16
7856 TBA TBA:TBA Staff
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
7808 TBA TBA Staff N/A

INFORMATION TECHNOLOGY: NETWORKING

ITNT 235
Networking with TCP/IP
Students are introduced to computer communication protocols. Principles such as architecture, layering, multiplexing, addressing mapping, and routing are discussed along with such topics as Internet protocols and subnet and supernet extensions. This course prepares students for the professional world of computer communications. Three credits.
16 WEEK: Aug. 27 – Dec. 16
1170 MW 9-10:50 am Staff LSB 307
3266 R 6-8:50 pm Staff LSB

INFORMATION TECHNOLOGY: SECURITY ASSURANCE

ITSA 125
Security Fundamentals, Principals and Ethics
This course provides a broad view of the entire field of information security with a structured methodology that can be used to implement information security in an organization that has little or no formal information security procedure in place; a study of ethics and moral philosophy as a means for providing a framework for ethically grounded decision making in the information age.
16 WEEK: Aug. 27 – Dec. 16
4037 W 5:30-7:20 pm Staff LSB 307
16 WEEK ONLINE: Aug. 27 – Dec. 16
Section 8740 is a contract course for Year-Up students only. Students must contact Dr. Bob Ivesha at 410-462-7637.
8740 TBA TBA Staff N/A

ITSA 125L
Security Fund Lab
16 WEEK: Aug. 27 – Dec. 16
8741* W 3:30-5:20 pm Staff LSB 307
4038 W 7:30-9:20 pm Staff LSB 307

*Section 8741 is an online contract course for Year Up students only. Students must contact Dr. Bob Ivesha at 410-462-7637.

ITSA 233
Ethical Hacking
16 WEEK: Aug. 27 – Dec. 16
3260 T 5:30-7:20 pm Staff LSB 307

ITSA 233L
Ethical Hacking Lab
16 WEEK: Aug. 27 – Dec. 16
3261 T 7:30-9:20 pm Staff LSB 307

ITSA 245
Cyber Security Implementation
This course teaches students how to develop an overall security program necessary to protect data and secure mobile users as information migrates from mainframe computers and application servers to Web-enabled applications. It covers computing, communications, and social networking; and presents methods to secure systems against the risks, threats, and vulnerability associated with Web-enabled applications’ accessibility through the Internet. Three credits.
16 WEEK: Aug. 27 – Dec. 16
3268 F 5:30-7:20 pm Staff LSB 307

ITSA 245L
Cyber Security Implementation Lab
16 WEEK: Aug. 27 – Dec. 16
3269 F 7:30-9:20 pm Staff LSB 307

ITSA 255
Information Systems Security
Systems administrators are provided with knowledge of the approaches intruders use to gain access to the system. Concepts of vulnerability of the system exploited by the intruder through threats of interruption, interception, modification, and fabrication are discussed. The use of firewalls and other preventive approaches to the security of a UNIX-based network environment are examined in detail. Three credits.
16 WEEK: Aug. 27 – Dec. 16
4121 M 6:30-9:15 pm Staff MNB 30

LAB ANIMAL SCIENCE

LS5101
Laboratory Communication Skills
This course is designed to introduce students to proper laboratory management in correspondence using email, telephone and journal formats. Software applications, journal reading, writing, and presentations will be addressed. Journal papers will be assigned individually to address the area of concentration. Basic terminology used in biomedical labs will be introduced. Three credits.
8 WEEK ACCELERATED II ONLINE:
Mar. 19 – May 20
7055 TBA TBA Staff N/A
This course is designed to teach students how to (1) master mathematics for preparation of solutions and dilutions, and other science related procedures; (2) use Excel and computer network for laboratory applications; and (3) use search engines and biomedical research databases to locate subject specific information. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7056 TBA TBA Staff N/A

**LEGAL ASSISTANT**

**PLA 101**

**General Law I**

This course is a prerequisite to all other PLA courses. Students are introduced to the content of common and statutory law and common legal terminology. Corequisite: ENG 101. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7047 TBA TBA Staff N/A

**PLA 105**

**Legal Writing**

7809 TBA TBA Staff N/A

12 WEEK ONLINE: Sep. 24 – Dec. 16
7704 TBA TBA Staff N/A

**MANAGEMENT**

**MGMT102**

**Principles of Supervision**

Management functions and principles applicable to the supervisory level of management are introduced. Leadership skill, teamwork, and customer satisfaction are emphasized. This course is designed for those who want to become supervisors or want to improve their present levels of supervisory skills and knowledge. Extensive use of role-playing and the case study method are employed to give students a chance to apply the principles and techniques of supervision as they apply in different situations. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1024 MF 12-1:25 pm Staff MNB 318
16 WEEK ONLINE: Aug. 27 – Dec. 16
7801 TBA TBA Staff N/A

**MGMT170**

**Small Business Management**

Designed for people starting, operating, or managing a small business, this course gives an overview of entrepreneurship, management of an on-going business, launching a new venture, and preparation of a business plan. Market research and customer satisfaction are emphasized. Case study, role-playing, and guest lecturers from the business community supplement text material. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1033 MWF 11 am-12 pm Staff MNB 312
16 WEEK ON LINE HYBRID: Aug. 27 – Dec. 16
3016 W 6-8:35 pm Staff MNB 318

**MGMT180**

**Personal Financial Management**

Students are introduced to the principles of financial planning, and the resources necessary to achieve financial success. The financial planning process includes budgeting, cash management, using credit cards, borrowing, tax management, major expenditures, risk management, investments, and retirement and estate planning. After completing this course, students understand the importance of establishing financial goals, and the steps in the financial planning process. Prerequisite: MAT 82 or MAT 92. Three credits.

12 WEEK ONLINE: Sep. 24 – Dec. 16
7715 TBA TBA Staff N/A

**MAT 86**

**Integrated Pre-Algebra and Introductory Algebra**

This course covers fractions; decimals; exponents; percent; real numbers and algebraic expressions; solving and graphing linear equations; polynomials; and factoring. Word problems and the use of calculations to solve them are stressed throughout the course.

16 WEEK: Aug. 27 – Dec. 16
1638 MWF 9-10:30 am Staff MNB 258
1652 TR 9-11:15 am Staff MNB 121
1640 TR 10 am-12:15 pm Staff LSB 213
1646 MW 1-3:15 pm Staff LSB 243
1651 TR 1-3:15 pm Staff LSB 256
1644 TR 2-4:15 pm Staff LSB 238
3117 TR 5:30-7:45 pm Staff LSB 246

Students taking online, hybrid and Z-courses must have internet access and be computer literate.
MAT 86M
Modular Integrated Algebra
A modularized curriculum will be used in order to offer students the opportunity to progress more quickly or slowly through self-paced modules that will include online and instructor support in a computer lab.

16 WEEK: Aug. 27 – Dec. 16
1654 MW 10:11:30 am Staff LSB 246

MAT 87M
Integrated Elementary and Intermediate Algebra
This course combines the content of Elementary and Intermediate Algebra to provide a review of signed numbers, algebraic expressions, linear equations, applications of linear equations, inequalities and graphing, exponents, polynomials, special products, factoring, quadratic equations, application of quadratic equations, roots and radicals. This course is specifically designed for non-STEM majors. It is a pre-requisite for MAT 107, MAT 113, or MAT 114. Students will have the opportunity to progress more quickly or slowly through Elementary and Intermediate Algebra through self-paced modules that will include online and instructor support in a computer lab. This course is for students going on to either MAT 107, MAT 113, or MAT 127. Prerequisite: Students must have passed MAT 80 with a "B" or better or ACCUPLACER score in Elementary Algebra between 52-62.

16 WEEK: Aug. 27 – Dec. 16
2219 MWF 9:10-3:30am Staff LSB 245
2207 TR 12:30-2:45pm Staff LSB 246
2209 MWF 2:3-3:30pm Staff LSB 246
2211 MW 5:30-7:45pm Staff LSB 245
2213 TR 5:30-7:45pm Staff LSB 245

16 WEEK ONLINE: Aug. 27 – Dec. 16
7769 TBA TBA Staff N/A

MAT 91
Elementary Algebra
This course covers the following topics: real numbers and operations on real numbers; absolute value; evaluations; grouping symbols; combining like terms; linear equations in one and two variables; literal equations; laws of exponents; scientific notation; graphs of linear equations in two variables; and finding equations of a line given slope and y-intercept, slope and a point, or two points. A discussion of slopes of parallel and perpendicular lines is presented. Operations on polynomials, factoring, and solutions to quadratic equations by factoring are also covered. Word problems and the use of calculators to solve them are stressed throughout the course. Prerequisite: MAT 80 or appropriate ACCUPLACER score.

16 WEEK: Aug. 27 – Dec. 16
1658 MWF 8:9-9:15am Staff LSB 240
1806 TR 9:10-10:50am Staff LSB 252
1659 MWF 9:30-10:45am Staff LSB 256
1664 MF 11am-12:30pm Staff LSB 237
1668 TR 1-2:50pm Staff LSB 252
1809 TR 2-4:30pm Staff LSB 243
3800 TR 5:30-7:20pm Staff LSB 240
3803 MW 6:7-8pm Staff LSB 237

16 WEEK ONLINE: Aug. 27 – Dec. 16
7701 TBA TBA Staff N/A

MAT 91M
Modular Elementary Algebra
This course covers the following topics: real numbers and operations on real numbers; absolute value; evaluations; grouping symbols; combining like terms; linear equations in one and two variables; literal equations; laws of exponents; scientific notation; graphs of linear equations in two variables; and finding equations of a line given slope and y-intercept, slope and a point, or two points. A discussion of slopes of parallel and perpendicular lines is presented. Operations on polynomials, factoring, and solutions to quadratic equations by factoring are also covered. Word problems and the use of calculators to solve them are stressed throughout the course. Students will have the opportunity to progress through self-paced modules that will include support in a computer lab. Prerequisite: MAT 80 or appropriate ACCUPLACER score.

16 WEEK: Aug. 27 – Dec. 16
1835 TR 9-10:50am Staff LSB 245

MAT 92
Intermediate Algebra
This course covers operations on algebraic expressions; variation; rational equations; irrational equations; solutions to quadratic equations by completing the square, by the square root property, and by the quadratic formula; and solutions of quadratic inequalities. Absolute value equations and inequalities and finding equations of straight lines meeting specific criteria are emphasized. Graphs of linear inequalities in two variables, of linear inequalities in one variable, and of parabolas are also included. Functions and real world applications of them are emphasized throughout the course. Prerequisites: MAT 81, MAT 91, or appropriate ACCUPLACER score.

16 WEEK: Aug. 27 – Dec. 16
1685 TR 9:30-10:55 am Staff LSB 238
3561 S 10 am-12:45 pm Staff LSB 240
1684 TR 11 am-12:25 pm Staff LSB 306
1693 TR 12:30-1:55 pm Staff LSB 237
1688 MW 2:30-3:55 pm Staff LSB 241
7068 MW 9:30-10:55 am Staff BIOP 229
3825 MW 5:30-6:55 pm Staff LSB 243
7621 F 5:30-8:15 pm Staff LSB 237
The course focuses on trigonometry and analytic geometry. Topics include trigonometric functions and their graphs, right angle and oblique triangle trigonometry, applications of trigonometry, trigonometric equations, inverse trigonometric functions, addition, subtraction and multiple-angle formulas, De Moivre’s theorem, the conic sections (parabolas, ellipses, and hyperbolas), parametric equations, polar coordinates. This course includes a discussion of sequences and series. A graphing calculator is required. 

Prerequisite: MAT 128 or appropriate ACCUPLACER score. Four credits.

16 WEEK: Aug. 27 – Dec. 16
1698 TR 11:30 am-1:20 pm Staff LSB 255
3132 TR 5:30-7:20 pm Staff LSB 252

16 WEEK ONLINE: Aug. 27 – Dec. 16
7714 TBA TBA Staff N/A
NUR 120
Introduction to Nursing Practice
This is the foundation course for the Nursing Programs. The purpose is to assist the ADN and PN nursing students in developing the intellectual, interpersonal, and technical skills that are basic and essential to the provision of effective client care utilizing the nursing process. This course is directed toward the study of basic human needs and normal physiological adaptations to stress as one moves along the health–illness continuum. Principles and concepts related to communication, nutrition, pharmacology, and selected technical nursing skills are taught. Issues in nursing practice and nursing education are introduced using the historical approach. Students are given the opportunity to practice in the nursing skills laboratory before carrying out planned nursing care to selected clients in a hospital setting under the direct guidance of nursing faculty. Prerequisites: PRE 100; minimum grade of C in BIO 202, BIO 203, BIO 212, NUR 111. Corequisite: ENG 101; NUR 120; PSY 101. Eight credits.

16 WEEK: Aug. 27 – Dec. 16
1420 MR 8:30-11:30 am Staff NRS 201
NUR 120 requires lecture and lab. Course coordinator will assign students to appropriate clinical.

NUR 120L
Introduction to Nursing Practice Lab
16 WEEK: Aug. 27 – Dec. 16
1421 TW 7 am-3:30 pm Staff HOSP
1422 TW 7 am-3:30 pm Staff HOSP
1423 TW 7 am-3:30 pm Staff HOSP
1424 TW 7 am-3:30 pm Staff HOSP
1446 TW 7 am-3:30 pm Staff HOSP
1447 TW 7 am-3:30 pm Staff HOSP
1448 FS 7 am-3:30 pm Staff HOSP

NUR 122
Medical-Surgical Nursing of Adults I
Students focus on caring for adults with pathophysiology related to common nutritional problems, regulatory and protective mechanisms, genitourinary problems, and musculoskeletal disorders. Multisystem stressors including cancer, surgery, immuno-suppression, and homeostatic imbalance are also surveyed. Consideration is given to factors that influence adult development and health practices such as age, beliefs, resources, and cultural background. Using a holistic approach, students give supervised client care in acute health care settings. The nursing process is used to formulate a plan of care, set priorities, and make clinical decisions. Prerequisites: Pre 100; ENG 101; PSY 101; minimum grade of C in BIO 202, BIO 203, BIO 212, NUR 111, NUR 120. Corequisites: PSY 104; SOC 101. Eight credits.

16 WEEK: Aug. 27 – Dec. 16
1426 MR 11:30am-2pm Staff NRS 201
NUR 122 requires lecture and lab. Course coordinator will assign students to appropriate clinical.

NUR 122L
Medical-Surgical Nursing of Adults I Lab
16 WEEK: Aug. 27 – Dec. 16
1430 TW 7 am-3:30 pm Staff HOSP
1433 TW 7 am-3:30 pm Staff HOSP
1434 TW 7 am-3:30 pm Staff HOSP
1435 TW 7 am-3:30 pm Staff HOSP
1436 TW 7 am-3:30 pm Staff HOSP
1437 TW 7 am-3:30 pm Staff HOSP
1438 TW 7 am-3:30 pm Staff HOSP
3093 SN 7a m-3:30 pm Staff HOSP

NUR 216
Perspectives and Issues in Nursing
16 WEEK ONLINE: Aug. 27 – Dec. 16
1444 TBA TBA Staff N/A

NUR 218
Maternal and Child Health Nursing
This course assists students in providing holistic, family-centered care to child-rearing and child-bearing families. Human development from conception through adolescence are emphasized. Cultural patterns that influence parenting styles are examined. The role of the nurse in health promotion and maintenance, assessment, identification of appropriate strategies, and provisions of safe and competent nursing care of mothers, infants, children, and adolescents is the primary focus. Nursing care is provided in a variety of health care settings, including hospitals and community agencies. Educational methods include lecture, discussion, student presentations, interactive computer assisted interactives and case studies. Prerequisites: PRE 100; ENG 101; PSY 101; PSY 104; SOC 101; minimum grade of C in BIO 111, BIO 112, BIO 212, NUR 111, NUR 120, NUR 122 or NUR 125, NUR 218, NUR 222. Corequisite: NUR 216. Eight credits.

16 WEEK: Aug. 27 – Dec. 16
1473 MR 8:30-11 am Staff NRS 313
This course requires lecture and lab; the course coordinator assigns appropriate clinical.

NUR 220L
Medical-Surgical Nursing of Adults II Lab
16 WEEK: Aug. 27 – Dec. 16
1474 TW 7 am-3:30 pm Staff HOSP
1475 TW 7 am-3:30 pm Staff HOSP
1476 TW 7 am-3:30 pm Staff HOSP

NUR 222
Care of the Client with Mental Health Problems
The holistic view of humans is emphasized when nursing care is provided to the client who is mentally ill or emotionally disturbed. This view is built upon the conceptual framework of the Department of Nursing, which believes that nursing is a "learned scientific discipline with both theoretical and practical components." Particular emphasis is on the bio psychophysiological aspects of mental wellness, mental illness, and how these factors predispose one to psychopathological response and how they precipitate it. Prerequisites: PRE 100; ENG 101; PSY 101; PSY 104; SOC 101; minimum grade of C in BIO 111, BIO 112, BIO 212, NUR 111, NUR 120, NUR 122 or NUR 125. Corequisites: NUR 218. Four credits.

8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
7128 MR 9 am-12 pm Staff NRS 313
This course requires lecture and lab; the course coordinator assigns appropriate clinical.
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NUR 222L
Care of the Client
with Mental Health Problems Lab

8 WEEK ACCELERATED I: Aug. 27 – Oct. 20
7129 TW 7 am-1 pm Staff HOSP
7130 F 7 am-1 pm Staff HOSP

8 WEEK ONLINE: Aug. 27 – Dec. 16
8748 TBA TBA Staff N/A

PARAMEDICINE

EMSP 115
Paramedic I
This is the first of a series of five courses completion of which meet the National EMS Education Standards leading to eligibility to take the National Registry of Emergency Medical Technicians Paramedic examination. Course emphasis is on topics preparing the student for paramedic education including history of emergency medical services) duties and responsibilities of the paramedic) human pathophysiology) patient assessment) emergency pharmacology and basic patient care skills. The course will include the latest State of Maryland Medical Protocols for EMS Providers.

16 WEEK: Aug. 27 – Dec. 16
EMSP 115L

EMSP 203
Paramedic Bridge I
This course is the 1st of a series of paramedic courses developed to allow current licensed Maryland Cardiac Rescue Technicians to advance to Paramedic certification by the National Registry of Emergency Medical Technicians. Course emphasis is on topics preparing the student for paramedic practice including enhanced knowledge history of emergency medical services, duties and responsibilities of the paramedic, human pathophysiology, patient assessment, emergency pharmacology, and pathophysiology, assessment and management of medical emergencies. The course will include the latest State of Maryland Medical Protocols for EMS Providers.

16 WEEK: Aug. 27 – Dec. 16

PHI 104
Logic and Critical Thinking

16 WEEK: Aug. 27 – Dec. 16
1888 TR 9-10:20 am Staff MNB 310

PHI 105
Introduction to Professional Ethics

16 WEEK ONLINE: Aug. 27 – Dec. 16
7859 TBA TBA Staff N/A

PHYSICAL THERAPIST ASSISTANT

PTT 112
Introduction to Physical Therapist Assisting

Corequisites: PTT 112, PTT 120 and PTT 120L.

16 WEEK: Aug. 27 – Dec. 16
1450 T 1-3 pm Staff MNB 116

PTT 120
Physical Therapist Assisting Procedures I

Corequisites: PTT 120, PTT 120L and PTT 112.

16 WEEK: Aug. 27 – Dec. 16
1439 M 10 am-12 pm Staff MNB 116
PHYSICS

PHY 101
Fundamentals of Physics I
The laws and principles of physics are surveyed for the liberal arts or pre-professional science student. The course emphasizes measurement, optics, kinematics, dynamics, equilibrium, and energy. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores; MAT 128. Four credits.

PHY 102
Fundamentals of Physics II
The focus is on fluids, elasticity of matter, waves, electricity, magnetism, and modern physics. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores; MAT 128. Four credits.

PHY 203
General Physics I
16 WEEK: Aug. 27 – Dec. 16
1844 TR 10:11-11:45 am Staff LSB 402

PHY 203L
General Physics I Lab
16 WEEK: Aug. 27 – Dec. 16
1845 F 1-3:45 pm Staff LSB 402

PHYSICAL SCIENCE

PSHC 110
Physical Science
This course, a laboratory directed, inquiry based course designed to meet the Category III General Education requirement (Biological and Physical Sciences), is required in several education majors and is for in-service teachers. The course presents fundamental concepts and principles related to the physical sciences. The main topics are properties of matter (mass, area, volume, density), heat, electric circuits, light and motion. A journal is maintained and a written project is required. Students do laboratories in collaborative groups. Significant short inquiry based laboratories are used, supported by short lectures and demonstrations. Computers are used for some of the laboratories, demonstrations and as part of the required project. Prerequisites: MAT 82 or MAT 92; ENG 82 or RENG 92; or appropriate ACCUPLACER scores. Four credits.

16 WEEK: Aug. 27 – Dec. 16
3848 T 5:30-8:15pm Staff LSB 402

PSY 101
Introductory Psychology
Students are introduced to the scientific study of behavior and a survey of the physiological, emotional, intellectual, and social forces that influence the development of human behavior. Prerequisites: ENG 82, RENG 92, or appropriate. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1896 TR 8-9:20 am Staff MNB 318
1894 TR 9-10:20 am Staff MNB 258
1900 MW 10-11:20 am Staff MNB 310
1899 TR 11am-12:20 pm Staff MNB 124
7307 TR 1-2:20 pm Staff MNB 256
1891 TR 2-3:20 pm Staff MNB 310
1895 TR 4-5:20 pm Staff MNB 256
8143 TWR 3:15-4:25 pm Staff TBA

PSY 104
Developmental Psychology
This course deals with evolving growth and emerging behavior patterns from birth through old age. Films and observations are included. Prerequisite: PSY 101. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1905 TR 11 am-12:20 pm Staff MNB 302
1921 MW 11 am-12:20 pm Staff MNB 128

16 WEEK ONLINE: Aug. 27 – Dec. 16
7736 TBA Staff N/A
7714 TBA Staff N/A

8 WEEK ACCELERATED I ONLINE: Oct. 22 – Dec. 16
7812 TBA Staff N/A

PSY 201
Introduction to Abnormal Psychology
An understanding of adaptive and maladaptive behavior and social attitudes toward mental health/illness is provided. Local resources for the assistance of the emotionally disturbed are surveyed. Prerequisite: PSY 101. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
7830 TBA Staff N/A

16 WEEK ONLINE: Aug. 27 – Dec. 16
8279 TBA Staff N/A

PSY 204
Developmental Psychology
This course deals with evolving growth and emerging behavior patterns from birth through old age. Films and observations are included. Prerequisite: PSY 101. Three credits.

16 WEEK ONLINE: Aug. 27 – Dec. 16
8279 TBA Staff N/A
### ROBOTICS

**RBT 101**  
**Introduction to Robotics**  
This course is designed to introduce students to basic robotics/mechatronics concepts through lectures and implementation of those concepts on Lego NXTs. Students will start with the Lego NXT training missions, then move on to challenges, and finally a class competition. By the end of the class, students should be able to design, simulate, build, and program a robot with concepts of robotics/mechatronics. Three credits.  
12 WEEK: Sep. 24 – Dec. 16  
1065 TR 10:30 am-12:50 pm Staff LSB 418

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### SOCIETY

**SOC 101**  
**Introduction to Sociology**  
The study of society is introduced with emphasis on sociological concepts, methods, and theories about social structures and processes. Included in this overview of sociology is analysis of social organization, culture, socialization, social inequality, and social change. Note: Students completing SOC 101 should not take the four-credit introductory course, SOC 120. **Prerequisites**: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.

**SOC 102**  
**Sociology of Education**  
The course focuses on sociological concepts, methods, and theories about education and the learning process. **Prerequisites**: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.  
16 WEEK: Aug. 27 – Dec. 16  
1908 MW 9:00-10:50 am Staff MNB 256  
1916 TR 9:00-10:50 am Staff MNB 114  
1910 MW 10:30-11:50 am Staff MNB 160  
1917 TR 11:00-12:20 pm Staff MNB 306  
1919 TR 2:30-3:50 pm Staff MNB 256  
8144 TWR 3:15-4:35 pm Staff TBA  
7628 W 6:30-8:30 pm Staff MNB 158  
8147 TWR 4:30-5:50 pm Staff TBA

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### SPECIAL EDUCATION

**SED 220**  
**Special Education: An Overview**  
Special education, the population it serves and the history of special education are explored. Federal and State regulations are emphasized. Each exceptionality is presented in terms of group characteristics, accepted category definitions, causes of disorder, and developmental assessment and identification techniques. The course focuses on the need for early identification of special children. The physical and psychosocial needs of special children and how their exceptionality affects their families, teachers, and peers are presented. Students are introduced to appropriate educational techniques and to individualized instructional approaches in the special education setting. **Prerequisites**: ENG 101. Three credits.  
8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16  
7204 TBA TBA Staff N/A

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### SCIENCE

**SCI 100**  
**Elements of Earth Science**  
Students are introduced to the study of the earth, presenting basic concepts from astronomy, cartography, geology, meteorology, and climatology. **Prerequisites**: MAT 81 or MAT 91; ENG 82 or RENG 91, or appropriate ACCUPLACER scores. Three credits.  
16 WEEK ONLINE: Aug. 27 – Dec. 16  
7997 TBA TBA Staff N/A

**SCI 106**  
**Introductory Oceanography**  
The life of the sea is studied in terms of its interactions with the rest of the environment. Lectures, labs, and field trips explore oceanic phenomena. **Prerequisites**: MAT 81 or MAT 91; ENG 82 or RENG 91, or appropriate ACCUPLACER scores. Three credits.  
12 WEEK ONLINE: Sep. 24 – Dec. 16  
7787 TBA TBA Staff N/A
SPEECH

SP 101
Fundamentals of Speech Communication
Human communication in theoretical and experiential frameworks are investigated. Communication theory, interviewing, and informative and persuasive speaking are studied. Students prepare and present informative and persuasive speeches based on classic models. Theory, preparation, appropriate form, and delivery are studied and evaluated. Each student is responsible for at least one formal interview and three speeches. Prerequisites: ENG 82, RENG 92, or appropriate ACCUPLACER scores. Three credits.

16 WEEK: Aug. 27 – Dec. 16
1005 MW 9:10:30 am Staff MNB 160
1268 TR 9:10:30 am Staff MNB 122
1271 MW 11 am-12:30 pm Staff MNB 118
1274 TR 11 am-12:30 pm Staff MNB 158
1309 TR 1:2:30 pm Staff MNB 158
7720 TR 1:2:30 pm Staff MNB 154
1327 MW 2:3:30 pm Staff MNB 160
1312 TR 3:4:30 pm Staff MNB 158
8141 TR 3:30:5 pm Staff MNB 154
3245 R 6:8:50 pm Staff MNB 158
3246 T 6:8:50 pm Staff MNB 158
3247 M 6:8:50 pm Staff MNB 158
3248 T 6:8:50 pm Staff MNB 154

8 WEEK ACCELERATED I ONLINE: Aug. 27 – Oct. 20
7713 TBA TBA Staff

8 WEEK ACCELERATED II ONLINE: Oct. 22 – Dec. 16
8012 TBA TBA Staff

SURGICAL TECHNOLOGY

SGT 101
Instrumentation
SGT 101 requires lecture and lab.

16 WEEK: Aug. 27 – Dec. 16
1410 T 12:2:50 pm Staff NRS 205

SGT 101L
Instrumentation Lab
16 WEEK: Aug. 27 – Dec. 16
1411 T 9:11:50 am Staff NRS 205

SGT 201
Hospital Clinical II
16 WEEK: Aug. 27 – Dec. 16
1406 TR 7 am-3:30 pm Staff HOSP

SGT 205
More Advanced Surgical Procedures
16 WEEK ONLINE: Aug. 27 – Dec. 16
7723 TBA TBA Staff N/A

SGT 205L
More Advanced Surgical Procedures Lab
16 WEEK: Aug. 27 – Dec. 16
1409 M 9:11:50 am Staff NRS 205

TELECOMMUNICATIONS

TEL 100
Introduction to Business Telecommunications
12 WEEK: Feb. 16 - May 24
4142 W 5:30:9 pm Staff LSB 306

PHTT260
PHTT
Corequisites: PHTT260, PTT 240 and PTT 240L.

16 WEEK: Aug. 27 – Dec. 16
1456 T 8 am-5 pm Staff CLIN TBA

PHTT260L
PHTT L
Corequisites: PHTT260, PTT 240 and PTT 240L.

1457 F 8 am-5 pm Staff HOSP

RESP113
RESP

16 WEEK: Aug. 27 – Dec. 16
1185 MT 8-9:20 am Staff MNB 213

RESP115
RESP
Students must register for the lecture and lab.

16 WEEK: Aug. 27 – Dec. 16
1186 W 8-9:50 am Staff MNB 215

RESP115L
RESP

16 WEEK: Aug. 27 – Dec. 16
1188 RF 7 am-3:30 pm Staff TBA
1189 RF 7 am-3:30 pm Staff TBA
1190 RF 7 am-3:30 pm Staff TBA