



ACC 100 Financial Accounting I**3 Credits**

This is an introductory course in accounting that will allow students to develop a basic understanding of the language of business. Topics include the accounting cycle, accounting terminology and principles, special journals, current assets including merchandise inventory and current liabilities, cash and internal controls together with the construction and analysis of financial statements.

Course Equivalent: AC100, AC101, ACC 101

ACC 110 Financial Accounting II**3 Credits**

This course introduces students to accounting procedures utilized in the issuance and redemption of both equity and debt securities. The valuation of plant assets, natural resources and intangibles. Students will explore the various forms of business ownership such as partnerships and corporations, including analysis of the Income Statement, Balance Sheet and Statement of Cash Flows. Other topics discussed will include the accounting for investments and the time value of money.

Pre-Requisite: ACC 100 - Financial Accounting I

ACC 200 Intermediate Accounting I**3 Credits**

The course focuses on financial accounting standards and prepares the student with the tools to apply the standards. The coverage starts with the conceptual framework and then concentrates on the four financial statements. This course concludes with an in-depth look at the sections of the balance sheet.

Pre-Requisite: ACC 110 - Financial Accounting II

ACC 201 Intermediate Accounting II**3 Credits**

This course is a continuation of ACC 200 and continues with the conceptual framework as it applies to the liabilities and stockholders' equity sections of the Balance sheet. The student then focuses on special accounting issues in accounting and concludes with the Statement of Cash Flows.

Pre-Requisite: ACC 200 - Intermediate Accounting I

ADJ 260 Principles of Digital Forensics **3****Credits**

This course will introduce students to principles of digital forensics. The essentials covered in this course will include computer system storage fundamentals, operating systems and data transmission, computer network architecture, digital forensics best practices, proper evidence collection and storage, and federal rules and criminal codes. Upon successful completion of this course, students will be ready to proceed in more advanced and technical courses such as computer forensics, mobile device forensics, and malicious code forensics.

Minimum Credits Required:45.00

ADJ 261 Information Security Essentials**3 Credits**

Students are provided an introduction to network security, compliance and operations security, threats and vulnerabilities, as well as application data, and host security. Moreover, topics such as access control, identity management, and cryptography are covered. This course is designed to prepare students to undertake CompTIA Security+ examination upon completion.

Minimum Credits Required:45.00

AHI 100 Fine**Arts 3 Credits**

This course is intended to provide an introduction to the fine arts, including painting, sculpture, architecture, music, modern opera, and poetry. Focus is placed on the historical, religious, and political significance of the art studied. Students are expected to recognize major developments in Western thought and culture from the early Renaissance to modern art of the 20th century. Students are asked to visit museums and attend productions as well as other cultural events.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

AHI 102 Art History II - Renaissance to the**Modern 3 Credits**

This course will provide a survey of art history of the Western World for the Renaissance through the 20th century, including painting, sculpture, and architecture. Focus of our study will be placed on the historical, religious, political and cultural significance of the art we examine. Students will be expected to recognize major developments in Western Art from the 15th - 20th century and to identify major artists and their individual contributions to Western civilization. Students will be asked to attend a tour of the Museum of Fine Arts, Boston.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

ANT 103 Anthropology of Health and Illness**3 Credits**

The purpose of this course is to place health and illness in a sociocultural context. Culture affects attitudes, beliefs, and techniques of healing and vice versa. Theories, practices, and institutions in relation to global and local cultural groups will be examined. Cross-cultural similarities and differences in birth, aging, disability, death, etc., will be discussed in various cultural myths, and alternative approaches to healing and illness are studied in various cultural settings.

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 102

AUD 101 Audio Theory and Recording



3 Credits

In this course, students are introduced to the basic skills, theories and production techniques used in multi-track music recording and production. Topics include studio recording console design and operation, microphone design theory and application, digital tape machines, patch bay, signal flow, and basic mixdown techniques.

**Pre-Requisite: MAT 098 - Fundamentals of Algebra Or
Pre-Requisite: MAT 104 - Intermediate College Algebra Or
Pre-Requisite: MAT 160 - Pre-Calculus Or Test
Placement: Math Placement \geq 104**

AUD 104 Studio Recording

3 Credits

Students apply, develop and expand on skills learned in AUD101 by recording projects with musicians. Much of the course focuses on audio processing tools and techniques. Specific topics include dynamic processors, digital effects, SMPTE synchronization, equalization, analog tape recorders, time code, automated mixdown, and recording session protocols and procedures.

**Pre-Requisite: AUD 110 - Desktop Audio I And
Pre-Requisite: AUD 103 - Live Sound Engineering**

AUD 106 Critical Listening 3

Credits

This course provides aspiring music producers with the ability to hear and identify the key features of a balanced, artful, and professional music mix. Through educational drills, analysis of classic recordings, and comparison of different mixing styles, students will be able to identify width and depth, free range, dynamics, and mix approaches used in various music selections.

AUD 110 Desktop Audio I

3 Credits

This course introduces students to the theories, practices, and tools used in digital audio production. Binary number systems, analog to digital converters, cables, connectors, digital protocol formats, file formats, sampling rate, bit depth and delivery media. Students will gain a working knowledge of Pro Tools 10 and complete projects involving editing, recording, mixing and post scoring video.

Pre-Requisite: AUD 101 - Audio Theory and Recording

Course Equivalent: AUD 102

AUD 112 Desktop Audio II

3 Credits

Desktop Audio II will introduce students to intermediate and advanced Digital Audio Workstation (DAW) techniques, through continue exploration of the industry standard Pro Tools software. Upon completion of the course students should have a proficiency in tracking, editing and mixing techniques required in today's studio workflow.

Pre-Requisite: AUD 110 - Desktop Audio I

AUD 200 Midi and Synthesis

3 Credits

Students learn advanced desktop audio applications MIDI (Musical instrument digital interface) protocol and Audio Synthesis. Topics include hard disk recording, sampling and editing, signal processing and MIDI in multimedia. Advanced skills will be developed using synthesizers and samplers. Students will study the elements of sound and how they apply to simple and complex waveforms, envelopes, LPOs, filters and keyboard architecture.

Pre-Requisite: AUD 110 - Desktop Audio I

AUD 210 Logic Pro Studio

3 Credits

Using Logic Pro Studio, one of the industry standard digital production software packages, students will explore beginning, intermediate and advanced production techniques of audio recording and importing, editing and manipulation, virtual instruments and plug-ins, and other application interface. Students will demonstrate increasing proficiency with Logic Pro Studio through individual and team based projects.

Pre-Requisite: AUD 110 - Desktop Audio I

AUD 220 Advanced Audio Theory

3 Credits

This course continues the study of the principles of audio signals and the equipment used to record, process, and distribute audio content. Sound in acoustical form is discussed to introduce students to issues related to studio acoustics. Students expand their understanding of signal flow and advanced audio systems by creating and reading complex block diagrams. The course is an in depth study of concepts and equipment used in all facets of audio production: signal processors, dynamic range, distortion, analogue recording and SMPTE time code.

Pre-Requisite: AUD 101 - Audio Theory and Recording

AUD 300 Sound Design

3 Credits

Sound Design represents the technical and artistic issues related to incorporating and manipulating sound into recordings and multimedia, such as web sites, video games and virtual worlds. Additionally, students will explore the practical skills and theoretical knowledge that is applied when using both linear and non-linear sound design techniques used on film and video.

Pre-Requisite: AUD 110 - Desktop Audio I

AUD 310 Advanced Live Sound Engineering

3 Credits

This course is designed to give students both advanced theoretical and practical application of audio recording in the unique and specialized area of Live Sound. Students will explore challenges such as audience noise, mic placement for the audience and venue structure. The course will be taught alternating between a class room setting and on location. Under the direction of the instructor, students will produce concert recordings throughout the semester.

Pre-Requisite: AUD 103 - Live Sound Engineering



AUD 320 Advanced Studio Recording**3 Credits**

The course focuses on recording techniques used in multitrack music production. Subjects include advanced signal flow, overdubbing, recording session management, time code, studio procedures, console operation, signal processing, analytical and critical listening skills, close, distant, and stereo mic techniques for a variety of musical instruments, and basic mixdown strategies. Students participate in in-class recording sessions and engineer recording projects.

Pre-Requisite: AUD 104 - Studio Recording

AUD 340 Commercial Audio Installation**3 Credits**

This course provides students with the skills that are necessary to obtain work in the audio and video installation field. Residential and commercial AV installation including HD TV, surround sound, high and low voltage and multi-zone AV systems, mobile AV formats and high-end retail systems will be discussed. Students will learn how to coordinate projects involving contractors, vendors, designers and retailers to create and maintain these audio and video systems. In addition, students will begin to develop a vocabulary of common audio definitions, concepts and expressions.

Pre-Requisite: AUD 220 - Advanced Audio Theory

AUD 350 Mixing**3 Credits**

This course provides students with an understanding of the synchronization of different mediums with digital audio and sampling techniques in order to create professional quality mixed tracks. Building on the foundational skills introduced in Advanced Studio Recording, students will explore a variety of mixing styles, editing techniques, processors, and effects using multitrack recordings in arranging and equalizing pre-recorded vocal and instrumental tracks.

Pre-Requisite: AUD 320 - Advanced Studio Recording

Course Equivalent: AUD 203

AUD 400 Mastering**3 Credits**

Students will explore issues related to the process of mastering audio for multiple formats including vinyl, CDs, and digital music in a recording studio. While working with studio personnel, students will cover issues dealing with level management, dynamic range, frequency response, surround equipment, and multichannel audio formats, among others.

Pre-Requisite: AUD 320 - Advanced Studio Recording

AUD 405 Advanced Production**3 Credits**

Advanced Audio Production is an in-depth study of audio/sound/hearing and the application of audio principles and acoustic physics. Other topics include digital editing, mixing and multi-tracking; studios and acoustics; equipment needs such as consoles, microphones, speakers and recorders; the processing of

signals; and on-location recording. Students learn through lecture/discussion as well as through hands-on usage of advanced equipment.

Pre-Requisite: AUD 220 - Advanced Audio Theory

AUD 410 Mixing and Mastering**3 Credits**

In this course, students will explore and apply technical and aesthetic challenges within the mixing and mastering stages of recording. Through hands-on projects, the theoretical knowledge learned in prior classes is reinforced and expanded. Students will analyze the pros and cons of working solely on a computer as opposed to a more traditional hardware-based approach, as well as to design a studio using either approach. Finally, students will assess the differences between mixing and mastering, along with methods to use the two synergistically.

Pre-Requisite: AUD 320 - Advanced Studio Recording

BIO 100 Survey of Life**Sciences 3 Credits**

This course introduces fundamental topics in the biological and physical sciences for the purpose of increasing general scientific literacy in basic anatomy, physiology, biology, and chemistry. Specific areas of focus are an overview of cell theory and membranes; major human body systems with an emphasis on homeostasis physiology; genetics and heredity; basic atomic structure and biological macromolecules; states of matter and chemical reactions; and scientific reasoning.

BIO 101A Introduction to**Biology 4 Credits**

Students learn the fundamentals of biology by surveying the biological sciences. Introduction to Biology discusses the science of biology, the origin of life, the cellular and genetic basis for life, and the principles of ecology, evolution, and the diversity of life. Laboratories supplement or complement the lectures through experimentation, demonstration, discussion, field trips, and video. Students learn (1) what the science of biology is and how it is studied; (2) about the chemistry of life; (3) how cells live and reproduce; (4) how genes work and how traits that are controlled by genes are inherited; (5) about diversity of life and how it is produced by evolution; and (6) how organisms interact with their environments.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement \geq 101

Course Equivalent: BIO 101/BIO 101L

BIO 107 Fundamentals of Nutrition**3 Credits**

The student will study contemporary issues in nutrition. This includes the key to good health in relation to diet and disease prevention, the nutrient composition of foods, and nutrition across the lifespan with an emphasis on health promotion and wellness during pregnancy, childhood, adolescence, adulthood, and aging. This interdisciplinary perspective will include social, behavioral, and public health policies and their effect on the health and well-being of society. The application of scientific principles to food



storage and preparation including meal planning) with emphasis on nutritional and sanitary dimensions of food handling practices is discussed.

Pre-Requisite: ENG 101 - English I Or
Pre-Requisite: ENG 102 - English II Or
Test Placement: English Placement >= 102

BIO 107L Fundamentals of Nutrition Lab**1 Credit**

This laboratory course is designed to accompany the Fundamentals of Nutrition course. In the lab, students will conduct studies linked to major concepts in nutrition. They will have experiences to apply scientific methodologies in the investigation of nutritional issues.

Co-Requisite: BIO 107 - Fundamentals of Nutrition

BIO 108 Introduction to Environmental Science**3 Credits**

This course introduces concepts of and scientific methodologies related to environmental science. Students will explore interactions between organisms and their environments. Identification of major environmental challenges, such as: population growth, diminishing resources (e.g. food, water, and sustainable energy), pollution and global change will be examined. Students will be able to critically examine these issues, identify causes and propose solutions to these challenges.

BIO 108L Introduction to Environmental Science Lab**1 Credit**

This lab course is designed to accompany the Introduction to Environmental Science course. In the lab, students will conduct studies linked to major concepts in environmental science. They will have experiences to apply scientific methodologies in the investigation of environmental issues.

Co-Requisite: BIO 108 - Introduction to Environmental Science

BIO 200A Fundamentals of Anatomy and Physiology**3 Credits**

This course provides an overview of anatomy and physiology by introducing students to the human body's structure and function. Students are introduced to essential anatomical terminology, cell theory, basic tissue types and homeostasis. The major body systems are examined including integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, gastrointestinal, urinary and reproductive systems.

Pre-Requisite: ENG 099A - Basic English for College And Test
Placement: English Placement >= 101

BIO 201A Anatomy and Physiology I**4 Credits**

Anatomy and Physiology I begins with the most basic level of organization - the cell - progresses through the study of tissues and then moves on to the study of organs and organ systems. Four organ systems that will be covered include: the integumentary, skeletal, muscular, and nervous systems. This course also includes a 2.5 hour lab.

Pre-Requisite: ENG 101 - English I Or
Pre-Requisite: ENG 102 - English II Or
Test Placement: English Placement >= 102

Course Equivalent: BIO 201/BIO 201L

BIO 202A Anatomy and Physiology II**4 Credits**

Anatomy and Physiology II covers the endocrine, immune, lymphatic, reproductive, digestive, cardiovascular, respiratory, and renal systems. All anatomical and physiological principles under study are emphasized in the laboratory component of this course through the use of scientific models, charts, and tissue specimens. This course also includes a 2.5 hour lab.

Pre-Requisite: BIO 201A - Anatomy and Physiology I

Course Equivalent: BIO 202/BIO 202L

BIO 203A General Microbiology**4 Credits**

This course introduces students to bacteriology, parasitology, mycology and virology. The course will discuss classification, morphology and metabolism of microorganisms with focus on biological principles and the effects on human systems. Topics on host defenses, epidemiology, and approaches to diagnosis, treatment, and prevention of diseases are included.

Pre-Requisite: BIO 202A - Anatomy and Physiology II

Course Equivalent: BIO 203/BIO 203L

BIO 213A Phlebotomy**3 Credits**

This course provides students with the theoretical knowledge and technical skills to perform specimen collection, transport and processing, with a focus on venipuncture and microcollection techniques. Other topics include basic cardiovascular anatomy, introduction to the clinical laboratory, HIPAA, OSHA, safety procedures, vital signs, and point of care testing.

CIN 101 Introduction to Cinema Studies**3 Credits**

This course will broadly survey the history of film including related technology, production techniques, theory, criticism, and historical/cultural context. We will examine form as content, i.e. how composition (the shot) and context (editing) are as significant as character development and plot in creating effects.

CIN 102 Documentary Film**3 Credits**

Truth may not be stranger than fiction, but in the hands of a skilled documentary filmmaker it can be at least as a powerful. Long before television discovered the reality fad, documentary films were informing, persuading and even manipulating audiences. This course will examine the development of the documentary tradition in film from critical and historical perspectives through the exploration of important filmmakers, movements and trends.



CIS 103 Computer and Information Systems**3 Credits**

This course introduces students to practical skills necessary to be successful in an era of digital revolution. Topics include the evolution of the computer, technology convergence, and the internet. A large portion of the course is devoted to the hands-on experience and proficiency development in Internet and library research, use of spreadsheet tools for modeling simple business problems, database creation for illustrating simple database design and data manipulation, as well as form and report design. The course also introduces advanced features of common digital presentation tools.

Course Equivalent: CIS 102

CIS 109 Intermediate Office and Web Applications**3 Credits**

An intermediate level course on office productivity applications focusing on spreadsheets, databases and web applications for document sharing and workflow support. Emphasis is placed on tools and applications operating on a cloud service model. Students gain in-depth knowledge of these tools and apply them throughout the course to solve typical business use cases.

Pre-Requisite: CIS 103 - Computer and Information Systems

Course Equivalent: CIS 108

CIS 112 Concepts of Project Management**3 Credits**

This course introduces students how to organize large-scale projects in a productive and efficient manner. Content includes how to develop goals and objectives, market research, target audiences, create technical specifications, design marketing strategies, budget, schedule, supervise task relationships, manage resources, deal with conflict resolution, and continued project maintenance. Upon completion students will have a working knowledge of concepts as well as industry-standard project management software.

Pre-Requisite: CIS 103 - Computer and Information Systems
And

Pre-Requisite: MAN 101 - Introduction to Business

CIS 123 Enterprise End User Support**3 Credits**

Enterprise End User Support provides students with the foundational and hands-on knowledge in the installation, upgrading, and migration of desktop systems in an enterprise environment. The course will focus on issues of network connectivity, security, maintenance, and mobile computing

Pre-Requisite: CIS 103 - Computer and Information Systems

CIS 124 Network Fundamentals**3 Credits**

Network Fundamentals provides students with much of the knowledge required to operate, troubleshoot and manage computer networks. The course will cover the essential elements of the ways in which computers are connected through wired and wireless networks,

including the fundamentals of peripherals, cloud computing and various web-based platforms.

Pre-Requisite: CIS 103 - Computer and Information Systems

Course Equivalent: CIS 120

CIS 202A Introduction to Servers **3****Credits**

This course teaches students the fundamentals of planning and implementing a server desktop in a wired and wireless environment. Students will receive instructions and practice in the implementation, management, and maintenance of active directory and network infrastructure. Students will be exposed to troubleshooting of the most popular desktop and networked applications in a multiple platforms environment.

Pre-Requisite: CIS 103 - Computer and Information Systems

CIS 209 Advanced Business Applications**3 Credits**

This is a project-based course designed to familiarize students with the complexities of using computers in the solution to business problems. The course makes extensive use of complex business cases. Students are required to work in small teams or individually to resolve each assigned case. Students learn to communicate with the instructor or with each other in a complete virtual work environment.

Pre-Requisite: CIS 103 - Computer and Information Systems

Course Equivalent: CIS 207

CIS 210 Introduction to Programming**3 Credits**

Introduction to programming provides students with a fundamental understanding of the nature and uses of computer programming. The course introduces procedural coding concepts using modern programming languages. It focuses on the four control flows, file input and output and array processing. Emphasis is on developing algorithms to solve a wide variety of business problems. This course will require students to engage in problem analysis and design, coding, testing and debugging programs in Java.

Pre-Requisite: CIS 103 - Computer and Information Systems

Course Equivalent: CIS 208

CIS 220 Computer Design/Fashion Concepts**3 Credits**

In this course, students are introduced to the technique of using the computer as a design tool through conceptualization and creation of design artwork on the computer with specific emphasis on marker making and grading.

Pre-Requisite: FAD 102 - Flat Pattern Design II

CIS 222 Object-Oriented Programming



3 Credits

This course provides the beginning programmer with a guide to developing structured program logic. The course begins by offering a language independent introduction to logic using object-oriented principles. It reviews key programming concepts, including arrays, and files, and enforces good style, modern conventions, and logical thinking. Advanced chapters cover object-oriented issues such as event-driven programming, exceptions, and the Unified Modeling Language (UML). The course emphasizes current techniques in object oriented program analysis, design and programming. Such topics as encapsulation, information hiding, inheritance and polymorphism are studied in class assignments and programming exercises. The Java programming language is utilized along with the UML modeling language.

Pre-Requisite: CIS 210 - Introduction to Programming
Course Equivalent: CIS 225

CIS 300 Web Applications Development - Client Side 3 Credits

A study of the knowledge required to develop the server-side of interactive web applications in order to meet business needs. Focus will be made on current technology languages and tools such as PHP, Ruby, and ASP.Net or any other language on the market.

Pre-Requisite: CIS 210 - Introduction to Programming

CIS 301 Web Applications Development - Server Side 3 Credits

Web Applications Development-Server Side will emphasize the concepts of the Object-Oriented paradigm such as objects, classes, and inheritance. Students will be able to develop object-oriented software applications to solve business problems. Additionally, students will learn how to access databases.

Pre-Requisite: CIS 210 - Introduction to Programming

CIS 305 Network Infrastructure and Security 3 Credits

Network Infrastructure and Security will provide students with detailed understanding of the theoretical and practical uses and limitations of computer networks. This class will provide students with the knowledge and skills to configure and manage an Exchange Server messaging environment. This course will offer instruction in guidelines, best practices, and considerations for Exchange Server configuration and deployment. The course will also include the exploration of wireless, virtual, and cloud-based networks.

Pre-Requisite: CIS 210 - Introduction to Programming And
Pre-Requisite: CIS 124 - Network Fundamentals

Course Equivalent: CIS 304

CIS 313 Enterprise Systems and Integration 3 Credits

Students learn about Enterprise Systems as well as the process for implementing them. This course provides an overview of Enterprise Resource Planning (ERP) systems, and shows how ERP systems are used to support business processes, make effective business decisions, and support business strategies. The course focuses on

enterprise systems architecture and integration as well as their selection, implementation and project management issues. Students use a popular enterprise system to demonstrate portions of a fully functional ERP system for a company as they run through typical business process scenarios.

Pre-Requisite: CIS 103 - Computer and Information Systems
Course Equivalent: CIS 312

CIS 315 Programming for Business Analysis 3 Credits

This course introduces students to programming in Python for business analysis. Emphasis is placed on the concepts and techniques relevant to the use of structured data sets. Therefore, portion of the course deals with data loading and wrangling. The course reviews fundamental programming concepts and introduces some relevant aspects of key data analytics libraries: Pandas, Matplotlib and NumPy. The aim of the course is to acquaint students with enough resources found in the Python programming language and libraries to address common business problems requiring data analytics.

Previous Course Code: CIS 330
Pre-Requisite: CIS 210, CIS 103, MAT 200

CIS 320 Operating Systems 3 Credits

This course examines the principles, techniques, and trends of contemporary operating systems such as Windows and Unix. The course will also explore the basic concepts of design and development of operating systems.

Pre-Requisite: CIS 313 - Enterprise Systems and Integration

CIS 321 Internet Analytics 3 Credits

Students will explore how internet analytics is taking a greater role in business analysis and decision making. Specifically, students will gain an understanding of the strategic and operational nature of internet analytics tools and technologies. Students will be introduced to web data sources such as web blogs, Big Data, social media data. Common key performance indicators and internet analytics tools will be presented and utilized. The practical focus will be on analyzing and interpreting data in order to address specific decision-making scenarios.

Pre-Requisite: CIS 315 Programming for Business Analysis

CIS 325 Applied Analytics 3 Credits

Applied analytics introduces students to the use of different data analysis techniques to address specific business related decisions. The objective is to produce insights from this analysis in a manner suitable to assist non-experts to more accurately plan a major activity, quantify risk or decide on competing alternatives. The course covers descriptive data mining techniques such as cluster analysis and association rules; and predictive data mining such as regression and classification methods. Finally, the course introduces students to data visualization techniques.

Pre-Requisite: CIS 315 or CIS 330



CIS 327 User Interface Design and Evaluation**3 Credits**

This course focuses on the design of effective user interfaces. Students in the course will learn how the design, implementation, and evaluation of a human computer interface fits into a comprehensive software development life cycle. This course begins with selected aspects of human cognition and behavior as they apply to user interface design. Students will learn how to perform task analysis, construct scenarios and storyboards, as well as models of typical user interfaces, how to build and evaluate prototypes, and how to evaluate finished user interfaces for software systems.

Pre-Requisite: CIS 210 - Introduction to Programming

***CIS 330** Programming for Business Analytics**3 Credits**

This course introduces students to programming in Python for business analysis. Emphasis is placed on the concepts and techniques relevant to the use of structured data sets. Therefore, portion of the course deals with data loading and wrangling. The course reviews fundamental programming concepts and introduces some relevant aspects of key data analytics libraries: Pandas, Matplotlib and NumPy. The aim of the course is to acquaint students with enough resources found in the Python programming language and libraries to address common business problems requiring data analytics.

Pre-Requisite: CIS 210 - Introduction to Programming And Pre-Requisite: MAT 200 - Statistics

***Discontinued Course (Spring2021): See CIS 315**

CIS 335 DataVisualization **3 Credits**

Students learn how to better understand data, and to present the findings from their analysis. It introduces students to design principles for creating meaningful displays of quantitative and qualitative data. Much of the work will be drawn from usable data sets enabling students to focus their time on applying several visualization techniques across multiple platforms. Some topics include storytelling, balance scorecards, dynamic dashboards, infographics, interactive and geospatial displays.

Pre-Requisite: CIS 109 - Intermediate Office and Web Applications

CIS 355 Managing IT Services**3 Credits**

This course focuses on providing a standards-based framework to 1) structure IT-related activities and approaches for supporting and delivering IT services; 2) to enhance the interactions of IT technical personnel with business customers and users, and 3) to increase the quality, reliability, and flexibility of IT services. The primary emphasis of the course is on the ITIL Framework for ITSM, and is oriented toward preparing for the ITIL Foundation Certification Exam.

CIS 400 Database Management Systems**3 Credits**

This course is designed to provide students with the fundamental concepts of relational databases and their applications. Students will learn about conceptualizing data using ERD, designing and normalizing tables, designing and running SQL scripts, DBMS and its

components. The course will also highlight the O.O. databases as well.

Pre-Requisite: CIS 103 & CIS 209

CIS 403 Systems Analysis & Design**3 Credits**

A capstone course for the BS in Information Technology, this course will provide students with the in-depth knowledge and training required to analyze and design information systems in order to solve business problems. The course will dissect all the phases of the SDLC and will explore a range of methodologies used in analysis and design. The course will also highlight some features of O.O Paradigm.

Pre-Requisite: CIS 313 - Enterprise Systems and Integration

Course Equivalent: MAN 403

CIS 404 IT Project Management**3 Credits**

Design, Deployment, and Management with Lab will imbue students with the knowledge and skills needed to manage data communication and establish smaller computer networks. The class provides in-depth training on implementing, configuring, managing and troubleshooting Active Directory Domain Services (AD DS) in Windows Server environments. It covers core AD DS concepts and functionality as well as implementing group policies, performing backup and restore functions, and monitoring and troubleshooting Active Directory-related issues.

Pre-Requisite: CIS 313 - Enterprise Systems and Integration

CIS 405 Cloud Security Risk Management Policy Methods Review **3 Credits****3 Credits**

Students review and analyze the compliance implications of selected cloud security policies and methods with a specific focus on the NIST Risk Management Framework (RMF).

CIS 406 Cloud Security Risk Management Methodology**3 Credits**

Integrating enterprise and cloud systems risk management, students apply NIST Risk Management Framework (RMF) as they complete project deliverables and communicate project results. In addition, students develop in-depth analytic competencies.

Pre-Requisite: CIS 405 - Cloud Security Risk Management Policy Methods Review

CIS 407 Cloud Security Risk Management Practicum I**3 Credits**

In this virtual practicum/internship, focusing on the integrated enterprise/cloud system, students develop the capability to evaluate a test case scenario system, develop a SSP, and select and/or write appropriate security controls. Students then document results.

Pre-Requisite: CIS 406 - Cloud Security Risk Management Methodology



CIS 408 Cloud Security Risk Management Practicum II**3 Credits**

Continuing in the virtual practicum/internship focusing on the integrated enterprise/cloud system, students develop the capability to evaluate system security, analyze system assessment reports to make recommendations for a Plan of Action & Milestones, comply with all Authorization to Operate package requirements, and strategically develop Information System Continuous Monitoring (ISCM).

Pre-Requisite: CIS 407 - Cloud Security Risk Management Practicum I

CIS 409 Cloud Security Vulnerability Management**3 Credits**

Utilizing COTS tools, students assess and analyze enterprise/cloud system vulnerabilities; conduct controlled exploitation; and communicate an effective remediation plan.

Pre-Requisite: CIS 408 - Cloud Security Risk Management Practicum II

CIS 410 Data Warehousing and Business Intelligence**3 Credits**

The course introduces students to the concepts, techniques and major activities involved in data warehousing for business intelligence. The first part of the course lays the foundation for understanding guidelines for modeling and designing data marts and online analytical processing data cubes. The latter part of the course requires students to develop data structures, employ extract-transformation-load logic to heterogeneous data sources, and explore reporting and visualization solutions. Students apply the techniques learned using commercial data warehousing tools.

Pre-Requisite: CIS 400 - Database Management Systems

CIS 420 Data Mining and Predictive Analytics **3 Credits**

The course introduces data mining concepts and tools to enhance managerial decision making. In the first part of the course students learn the Cross-Industry Standard Process for Data Mining (CRISPDM) and apply it to set up workable models and datasets. In the second part of the course, students explore various statistical techniques such as linear and logistic regression, in addition to decision trees and clustering. Association rules are also reviewed. The course concludes with the application of data visualization techniques and tools to represent business scenarios.

Pre-Requisite: CIS 325

CIS 425 Mobile Applications and Frameworks - Android**3 Credits**

In this project-based course, students will investigate the issues surrounding application development for Android platforms. This includes addressing specific techniques for building applications that account for the ways in which mobile apps differ from traditional desktop or web-based apps, including: constrained resources, small screen sizes, varying display resolutions, intermittent network connectivity, specialized sensors, and security restrictions. We will also look at best practices for making mobile applications flexible:

using HTML and XML-based layouts, managing multimedia, storing user data, networking via NFC, Bluetooth, and WiFi, determining device location and orientation via position sensors, deploying applications, and gracefully handling shutdowns and restarts to the application. Finally, we will explore embedding web components in applications, showing maps with the Google Maps plug-in, and storing local data with SQLite.

Pre-Requisite: CIS 222 - Object-Oriented Programming

CIS 427 Mobile Applications and Frameworks - iOS**3 Credits**

This course will address application development on iOS Platforms starting with a review of the main languages for iOS: Objective C (the old language) and Swift (the new language), along with an introduction to the available tools such as Xcode, Interface Builder, and Swift Playgrounds. We will address designing apps for usability using prototyping and concepts from human-computer interaction as well as designing for efficiency and performance, given the platform. The primary frameworks currently in use will be introduced, including: CoreData, SpriteKit, SceneKit, MapKit, and Notifications, among others. Finally, after a number of app development projects, students will prepare the app for deployment, considering Localization and Internationalization, Accessibility, and iTunes Connect. By the end of the class, students will also understand the process of publishing apps to the App Store.

Pre-Requisite: CIS 222 - Object-Oriented Programming

CIS 450 Software Finance, Metrics and Cost Estimation**3 Credits**

This course focuses on IT product and service selection based on financial considerations including return on investment, time cost of money, depreciation, and system life. It includes key measurements for software development and project management, and a methodology for selecting the best measurements. Integration of information technology is an economic concern to the organization considering new information technologies. This course centers on these fundamental financial integration considerations, then addresses key measurements needed for software development and maintenance projects. This course is quantitative in nature.

Pre-Requisite: CIS 404 - IT Project Management And Pre-Requisite: FIN 201 - Finance

CIS 496 Information Technology Management Capstone**3 Credits**

In this project-based course, students will propose a project management-oriented project, either based upon or acting upon a real software system development effort, demonstrating what they have learned during the Information Technology Project Management concentration, and throughout the B.S.I.T. program. Students will manage a portion of a large project, or an entire smaller project of their choosing with instructor approval.

Pre-Requisite: CIS 404 - IT Project Management And **Co-Requisite:** CIS 450 - Software Finance, Metrics and Cost Estimation



CIS 497 Solution Development Capstone**3 Credits**

This project-centered course applies conceptual and technical knowledge acquired over the entire program of study to develop an IT-based solution for a specific problem, organizational need or case study. Students apply planning principles, design and implementation techniques to bring about the solution, some aspects of which may be in prototype form. A requirement of the course is to produce a tangible deliverable that can be demonstrated, presented or applied to the situation in question. This course should be taken as the last course in the concentration.

Minimum Credits Required:100.00

Course Equivalent: CIS 495

COM 101 Public Speaking**3 Credits**

This is a course in the fundamentals of effective oral and nonverbal communication that develops a greater ease in expressing one's thoughts effectively. The course focuses on both formal and informal public-speaking exercises.

Course Equivalent: EN105, SP132

COM 102 Mass Media**3 Credits**

This course will provide students with a general overview of Mass Media. The course provides a comprehensive understanding of the history, theory, terminology, technologies, and practice of mass media both locally and globally. Emphasis is placed on print media (newspapers, magazines, journalism) and audiovisual media (radio, recording, television, film, and computers). Students will gain a greater understanding of the pervasive role of the media in their lives and the society in which they live.

CRE 101 Critical and Evaluative Reading**3 Credits**

This course is designed to help students examine the relationship of critical reading and critical thinking. Students will learn to apply critical analysis and logical reasoning to a wide range of texts. The course emphasizes the application of reading skills in the interpretation, analysis, criticism, and advocacy of ideas encountered in academic reading. Students will develop their skills in critical reading, logical reasoning/thinking, reflective judgment, and problem-solving.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

CRI 101 Introduction to Criminal**Justice 3 Credits**

This course examines the United States criminal justice process from law enforcement to the administration of justice through corrections. It discusses the history and philosophy of the system and introduces various career opportunities. Additionally, this course will provide a background for more in-depth study in later Criminal Justice courses.

CRI 102 Criminal Law**3 Credits**

This course studies the general principles of criminal liability, including the justification of punishment, general concepts fact and fault, principles of justification and excuse, the significance of resulting harm, and accountability for acts of others. Certain specific crimes, such as murder and manslaughter, are also examined.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 104 Introduction to Cyber Security and Risk Management **3****Credits**

This course will introduce students to the technologies, processes, and practices that are utilized to protect computer devices, data systems, and information from theft and/or attack. Additionally, students will be introduced to the fundamentals of vulnerability analysis, mitigation, and related components of risk management in the computer age.

CRI 106 Introduction to Security **3****Credits**

This course is designed to introduce students to the fundamental principles of physical, personnel, information, industrial, national and homeland security. Particular emphasis will be placed on historical development, current technologies and approaches as well as future challenges. This course will lay the groundwork for more in-depth examination of the topic areas in the upper level security courses.

CRI 110 American Court Systems**3 Credits**

This course focuses on the dynamics of the courthouse (Juvenile, Appellate, Federal, and State). It will examine the procedural requirements for judicial processing of criminal offenders, concepts of evidence sufficiency, standards of proof, due process, and constitutional safeguards.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 202 Corrections **3****Credits**

This course introduces students to the profession, industry, and academic discipline of corrections. It presents how the correctional system really works as far as the operation of corrections in the United States. It focuses on the structure of correctional systems, the operations of correctional institutions and programs, the evolutionary and political development of corrections, and the goals of corrections in today's society. Job opportunities in corrections are explored throughout the course.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 203 Function of Police in Modern Society**3 Credits**

This course examines the police role and law enforcement policy in the total justice process. Police organizations, personnel issues, management and operations, as well as coordination and



consolidation of police service, police integrity, and community relations are covered.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 204 Civil Rights and Liberties **3 Credits**

The protection of individual rights under the Constitution with emphasis on the Bill of Rights and the Due Process and Equal Protection Clauses are covered in this course. Specific topics to be discussed are rights of the defendant, racial discrimination, sex discrimination, and Congressional protection of civil rights.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 205 Criminal Investigation and Procedure **3 Credits**

This course focuses on the Fourth, Fifth, and Sixth Amendments, the right to be free from unreasonable search and seizure, the privilege against self-incrimination, and the right to counsel. The need to protect the public and enhance law enforcement efficiency and individual defendants from abuse at the hands of the state will be examined.

Pre-Requisite: ENG 101 - English I And

Pre-Requisite: CRI 101 - Introduction to Criminal Justice Or

Pre-Requisite: ENG 102 - English II And

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 206 Fundamentals of Computer Crime **3 Credits**

This course will provide students with the foundational components of computer crime including historical development of laws and legal principles that have developed in response to the computer age in our society. Additionally students will explore the unique criminal justice challenges posed in policing a virtual world and agencies that have been charged with this oversight.

Pre-Requisite: ENG 101 - English I And

Pre-Requisite: CRI 104 - Introduction to Cyber Security and Risk Management Or

Pre-Requisite: ENG 102 - English II And

Pre-Requisite: CRI 104 - Introduction to Cyber Security and Risk Management

CRI 208 Juvenile Justice **3 Credits**

This course is designed to introduce students to the origin and development of the juvenile justice system, specifically the juvenile court. Emphasis is placed upon laws, juvenile offenders and police involvement, diversion programs, detention, adjudication, after care, foster homes, non-delinquent children in the justice system and juvenile gangs.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 209 Homeland Security

3 Credits

This course introduces students to the fundamental components of Homeland Security. It includes consideration of domestic and foreign terrorism, the roots of anti-American sentiment in the world, 9/11, the measures taken after 9/11 and the USA PATRIOT ACTs I and II. The role, structure and positions within the Homeland Security Department will also be explored, focusing on career opportunities for graduates.

CRI 210 Communications in Criminal Justice **3 Credits**

This course will introduce students to both forensic communication techniques and general communication standards within the various fields of criminal justice. This course will provide students with practical skills in reading body language, lie detection, forensic interviewing, criminal interrogation and the mechanics and science of report writing. This course will focus, specifically, on the latest science in the field of forensic communications, practical applications in the field, standards for admissibility in judicial settings as well as moral and ethical considerations.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 214 Physical and Personnel Security **3 Credits**

This course is designed to introduce students to the principles of physical security within the context of specific operations and facilities. Planning, design, and modern security techniques and devices will also be covered.

Pre-Requisite: CRI 106 - Introduction to Security

CRI 215 Forensics **3 Credits**

This course focuses on the scientific methods applied to the gathering and preservation of criminal evidence as well as the role of the forensic scientist. It includes such topics as forensic photography, trace evidence, ballistics, bloodstain pattern analysis, toxicology, tool marks, footwear marks, tire marks, hair and fiber analysis, serology, instrumental analysis, forensic pathology and odontology. The course will cover extraction, amplification and profiling of nuclear and mitochondrial DNA.

Pre-Requisite: BIO 101A - Introduction to Biology And

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

Course Equivalent: CRI 217

CRI 217 Forensics **3 Credits**

This course focuses on the scientific methods applied to the gathering and preservation of criminal evidence as well as the role of the forensic scientist. It includes such topics as forensic photography, trace evidence, ballistics, bloodstain pattern analysis, toxicology, tool marks, footwear marks, tire marks, hair and fiber analysis, serology, instrumental analysis, forensic pathology and odontology. The course will cover extraction, amplification and profiling of nuclear and mitochondrial DNA.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

Course Equivalent: CRI 215



CRI 218 National Security and Intelligence Investigations
3 Credits

This course will introduce students to the United States Intelligence Community and the role the member organizations play in intelligence gathering operations and the maintenance of national security. Students will examine human, technical and counter intelligence activities and learn how investigations are conducted to identify and neutralize threats to national security.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice

CRI 220 Examining the CSI Effect
3 Credits

In this course, students will have the opportunity to explore the emergence of criminal justice-based entertainment in the United States from the late 1800's to today, and examine the effects modern influential phenomenon-such as the CSI Effect, criminal 'edutainment', and media sensationalism-have had on jurisprudence in the United States. Students will explore these phenomena's combined impact on the criminal justice system by evaluating televised fictional representations, delving into infamous landmark cases, critically examining documentaries, working with assigned texts, and engaging in written assignments.

Pre-Requisite: ENG 102 - English II

CRI 299 Criminal Justice
Internship **2 Credits**

A professional internship or equivalent professional project of at least 120 hours is required for Criminal Justice majors. Students will create and execute an internship plan that is appropriate in consideration of their previous work history, skills, and future career aspirations.

CRI 299S Criminal Justice Internship Seminar
1 Credit

The criminal justice internship seminar is designed to provide students with the opportunity to bridge the gap between classroom knowledge and the business world. This course prepares students for obtaining a supervised internship or related professional project. In preparation, students will strengthen professional, interpersonal, and work performance skills, develop an understanding of professional behavior and ethics, utilize computer and related business skills, and obtain a networking opportunity and/or employment.

CRI 301 White Collar and Cyber Crime
3 Credits

This course will focus on two unique areas of crime that pose particular challenges for the security and law enforcement professional. These crimes are often committed by individuals, groups and, at times, corporations that are considered respectable and sometimes elite members of our society. This course will examine topic areas such as financial fraud, embezzlement and computer hacking as well as current trends and technologies associated with information security.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice And Pre-Requisite: CRI 102 - Criminal Law

CRI 304 Victim's
Rights **3 Credits**

Students will explore the history of the victim's rights movement and the legal rights of victims in the criminal justice system. Students will examine the experiences of victims in the criminal justice system. The services needed by, and available to, victims will be discussed.

Pre-Requisite: CRI 204 - Civil Rights and Liberties

CRI 305 Incarceration, Rehabilitation, and Reentry **3 Credits**

The goal of this course is to familiarize students with theoretical models of recidivism and rehabilitation. Reentry initiatives at the federal, state and local levels will be examined. Students will critically evaluate reentry programs and policies. Students will explore the challenges facing offenders as they reenter society after incarceration. Special issues faced by released offenders, including mental health, substance abuse, employment and socioeconomic issues, will be examined.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice And Pre-Requisite: CRI 202 - Corrections

CRI 306 Power and Force in America
3 Credits

One of the greatest challenges in a democracy is the balance of power and the exercise of force. As participants in a democracy our interactions with government and each other are defined by power relations and the reality that some will hold more power than others and have obligations to exercise that power by way of force to keep the democracy strong. Power relations, however, invite conflict and questions associated with how power is acquired, shared, and exercised. Criminal Justice students will be considering careers that will place them at the center of these power relations and in many cases give them the authority to exercise force on behalf of the government. This course will provide students with the ability to evaluate the realities of these career positions within a framework of power relations.

Minimum Credits Required:45.00

CRI 312 Criminological Theories **3 Credits**

This course examines the major criminological theories and their origins. Students will critically analyze the theories, study the research related to the theories, and evaluate policy decisions that are based on these theories.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice And Pre-Requisite: SOC 206 - Sociology of Deviance

CRI 316 Sustainable Justice **3 Credits**

The United States currently ranks first relative to the number of individuals incarcerated per capita. This status has led many to ask whether our current criminal justice processes and the associated levels of incarceration are sustainable over the long term. This course will explore the fundamental concepts of, and recent movement towards, building a sustainable approach to social and criminal



justice. Particular emphasis will be placed on the question of which criminal justice approaches hold the most promise to deliver both national and global sustainable justice.

**Pre-Requisite: ENG 102 - English II And
Pre-Requisite: CRI 101 - Introduction to Criminal Justice**

CRI 322 Gender and Crime

3 Credits

This course will examine offending and victimization patterns of women in the United States. Treatment of women in the justice system, as offenders, victims, and criminal justice professionals will also be explored.

**Pre-Requisite: SOC 101 - Sociology And
Pre-Requisite: SOC 207 - American Diversity**

Course Equivalent: SOC 322

CRI 401 Quantitative and Qualitative Data Analysis **3 Credits**

This course will provide students with an introduction to use of standard statistical software used to conduct analysis of criminal justice data. Students will learn how to assess quantitative and qualitative data, and how to present findings from research.

**Pre-Requisite: MAT 104 - Intermediate College Algebra Or
Pre-Requisite: MAT 160 - Pre-Calculus Or
Test Placement: Math Placement >= 160 Or
Minimum Credits Required:60.00**

CRI 402 Applied Ethics in Criminal Justice **3 Credits**

In this course, students will explore ethical decision making in the context of law enforcement, courts, private security and corrections. Students will apply various codes of ethics, including the American Bar Association Standards of Professional Responsibility, American Jail Association Code of Ethics, the American Correctional Association Code of Ethics, International Association of Chiefs of Police Code of Ethics, the ASIS Code of Ethics, and the ethical code of the Academy of Criminal Justice Sciences to different factual scenarios. The relationship between law and ethics will also be explored.

Pre-Requisite: CRI 101 - Introduction to Criminal Justice And Pre-Requisite: SOC 207 - American Diversity

CRI 405 Mobile Digital Forensics **3 Credits**

This course will provide students with comprehensive training in the use of MSAB's XRY mobile digital forensics platform. Particular focus will be placed on maintain integrity in the data extraction process, creating a forensic audit trail, documenting chain of custody, secure reporting, and presenting digital evidence in court. Upon successful completion of the course, students will receive a three year certification by MSAB in Mobile Digital Forensics. Please note that there is an additional fee for this course.

Minimum Credits Required:60.00

CRI 422 Comparative Criminal Justice

3 Credits

This course will explore different criminal justice systems throughout the world. Students will compare various systems on different political, legal, social and global factors. Students will also contrast crime rates among selected countries.

**Pre-Requisite: CRI 101 - Introduction to Criminal Justice And
Pre-Requisite: ENG 102 - English II And
Minimum Credits Required:60.00**

CRI 425 International Justice and Human Rights

3 Credits

Throughout history we have been faced with the reality that, internationally, there is disagreement as to what constitutes justice and which human rights, if any, should be universal. These disagreements are tied to differences in culture, religion, law, economics and systems of justice. This course will explore this area and the many organizations that combine to pursue international justice and universal human rights.

**Pre-Requisite: ENG 102 - English II And
Pre-Requisite: SOC 101 - Sociology**

CRI 450 Criminal Justice Senior Seminar

3 Credits

This capstone course in criminal justice will incorporate materials from earlier courses. Theoretical issues and current topics in criminal justice will be explored. Students will integrate ethics, law, statistics, public policy in a final research project that the students will present as a paper and presentation. Requires permission of the Criminal Justice Program Chair.

Pre-Requisite: RSC 201 - Research Methodology

CRI 499 Criminal Justice Internship II **3 Credits**

This upper level course will build upon skills developed in the student's earlier internship/professional project and courses. Students will conduct 120 hours at a criminal justice internship site in the private or public sector or a related professional development experience. Students will learn about informational interviews, explore potential job opportunities, and develop their job interviewing skills.

CSS 101 Critical Thinking for the Healthcare Profession **3 Credits**

This course will help students develop skills related to critical thinking, learning, and problem solving thereby allowing students to improve their performance in both academic and non-academic areas. Students will develop strategies for effective oral and written communication, note and test taking, and the retrieving, acquiring, and storing of information. Finally, students will learn time management and organizational skills.

**Pre-Requisite: ENG 099A - Basic English for College Or
Pre-Requisite: ENG 101 - English I Or
Pre-Requisite: ENG 102 - English II Or
Test Placement: English Placement >= 101**



ECO 101 Microeconomics

3 Credits

This course examines the economic problems of the household, the firm, and the individual industry. Principles are developed to explain household consumption decisions, along with firm and industry production decisions. Topics include perfect competition, monopoly, and the government's role in economic welfare.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or Test

Placement: Math Placement >= 160

ECO 102 Macroeconomics

3 Credits

Emphasis is placed on issues relating to the level of output, employment, income, and inflation. Topics include international trade, money, the federal budget deficit, the labor force, and comparative economic systems.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or

Test Placement: Math Placement >= 160

ECO 103 History of Economic Thought

3 Credits

This course provides a broad account of economic ideas from ancient times to the present, and gives the student powerful insight into the historic contributions which have helped shape contemporary economic theories.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

ECO 104 The Global Economy

3 Credits

This course focuses on the advent of the Global Economy, its political, social, and cultural implications. It addresses its positive and negative aspects, as well as the ways that this phenomenon is perceived at home and in the various parts of the world.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

ECO 270 Economics and Finance in Healthcare

3 Credits

The course is designed to impart a practical understanding of introductory economic and financial management concepts, techniques, and vocabulary as they apply to health care organizations. Students will gain an appreciation for the roles of financial and cost-based approaches to strategic management of all types of entities within the medical field.

ELECHU Humanities Elective

3 Credits

ELECJA Justice Administration Elective

3 Credits

ELECSS Social Science Elective

3 Credits

ENG 099A Basic English for College

3 Credits

This course is for students who have demonstrated a need for more focused work in the fundamentals of grammar, composition, and reading based on the English placement exam administered upon entry to Bay State College. Students focus on punctuation, grammar, reading comprehension, and writing skills.

Course Equivalent: ENG 099/ENG 099L

ENG 101 English

I 3 Credits

In this course, students will develop the writing, analytical, and grammar skills necessary for producing college-level essays. Students are introduced to practical strategies that they can use to think critically, read analytically and respond effectively in writing. The course will cover basic principles of transactional writing and the documentation of source material, as well as a review of some essential grammatical principles.

Pre-Requisite: ENG 099A - Basic English for College Or

Test Placement: English Placement >= 101

ENG 102 English II 3

Credits

In this course, students build upon the analytical and writing skills developed in ENG 101 with the goal of creating more extensive and sophisticated college papers. Through close reading and analysis of selected texts, students will develop the research and compositional skills necessary for higher level work. An annotated bibliography and a research paper are required.

Pre-Requisite: ENG 101 - English I Or

Test Placement: English Placement >= 102

Course Equivalent: EG113, EN 102

ENG 125 Writing and Civic Responsibility 3

Credits

This writing intensive course gives special emphasis to the theme of American society and culture - their roots, development, nature, and impact. Throughout the course, students will explore and engage with social, cultural, economic, and political diversity in the United States. Students will examine how issues of race, class, gender, and sexuality have impacted American policy, culture, and the experience of its citizens.

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 102



ENG 206 Writing and Cultural Diversity **3**

Credits

In this course, students read, analyze, and write about the literature of historically underrepresented groups (including, but not limited to, African American, Latino/a, Caribbean, Native American, Asian American, and LGBTQIA), as well as writings by and about populations traditionally defined by class, religion, ability, gender, and sexuality. In addition to weekly reading responses, students will complete several reflective and/or expository essays, and they will produce a college-level research paper.

Pre-Requisite: ENG 102 - English II

ENT 102 Introduction to the Music Industry **3**

Credits

This course focuses on music entertainment career opportunities. It will include how to work with artists, producers, engineers, managers, promoters, artist managers and songwriters. Students will be introduced to club and venue management including concerts, nightclubs and booking agencies as well as to the day-to-day operations of a modern recording studio business. Class topics will also explore artist and music management including marketing, promotion, financial analysis, music production and the legal aspects of the music industry.

ENT 105 Sports Entertainment

3 Credits

Students will explore all aspects and venues associated with the sports entertainment industry. The course will also focus on the marketing of sports, the role of media and sports, sports and the entertainment complex, the financing of sports teams and stadiums, the growth of women's sports and the significance of international sports.

ENT 106 Venue Management

3 Credits

This course introduces the students to the functions, procedures and systems necessary to plan, develop, operate and maintain indoor/outdoor performance entertainment venues, such as a club, a sound stage, or a theater. Emphasis is on the importance of the venue manager's role in maintaining the physical plant and grounds for maximum safety, comfort, and profitability.

Course Equivalent: ENT 103

ENT 110 The Business of Music

3 Credits

This course will provide an overview of common business practices, goals and strategies of the music industry. Students will analyze and discuss theoretical and practical concepts pertaining to how the music business works in financial, legal, global, and artistic terms. Students will explore a variety of key business skills (finance, leadership, organizational management, marketing and entrepreneurialism) as applied to essential music industry management and apply common business practices to the field which includes live performance, touring and booking, copyright, music publishing, and the recorded music industry as well as their related companies.

Course Equivalent: ENT 101

ENT 200 The Film and Television Industry

3 Credits

This course will examine the film and television industry from the perspective of the producer. Students will explore how producers put together film and television productions, from inception to exhibition, focusing on the stages of production (development, preproduction, production, post-production, distribution and exhibition) and the various distribution outlets available for film and television, including both domestic and international markets. Students will explore a variety of legal, financial, management and accounting practices currently used by the film and television industry.

ENT 210 Concert Promotion Management

3 Credits

The focus of this course is to address the promotion needs of all live music concerts at different venues, from the initial planning stages to follow-through after the concert. Live music concerts from small shows to large arena productions will be examined for similarities and differences in their promotion needs at each stage of the development process. This course will address recognizing specific needs for live music concert promotion and troubleshooting for problems throughout process. Students will work collaboratively on student-generated and student-run live music concerts at a professional venue as part of their overall grade.

Course Equivalent: ENT 201

ENT 220 CAD Design for Entertainment

3 Credits

This course is an introduction to the operation and application of computer-aided drafting and design utilizing Auto CAD software. Students will understand the principles of CAD design as it relates to stage, lighting, sound, and venue design utilizing drawing and editing commands that are implemented into class projects.

ENT 240 Introduction to Lighting **3 Credits**

This course is an introduction to lighting principles, instruments, colors, electrics, control boards, graphics, and conventional techniques used in theatrical and concert lighting.

ENT 250 Artist Management

3 Credits

This course is focused on the management of musical artists. Topics include (but are not limited to): management style, business relationships, setting up a management company, career planning for artists, publicity for artists, budgeting and identification of the potential sources of revenue in artists' careers - via recording, touring, publishing, sponsorships, merchandise, etc. Through analysis of contracts used between artists and managers, students will explore basic negotiation techniques and the typical deal points in such agreements.

Pre-Requisite: ENT 102 - Introduction to the Music Industry



ENT 260 Corporate A/V**3 Credits**

This course will offer an introduction to corporate Audio Visual and Event Technologies. Student will utilize current technology to move beyond the world of concert production and incorporate AV services in corporate settings including staging, projection, visual components, exhibition, networking, and corporate training.

ENT 299 Entertainment Internship**2 Credits**

This course is designed to have the student apply the knowledge obtained in the classroom to a work situation in their field of study. The student will work at an approved site and create a portfolio that will include a journal reflecting the student's experiences; a list of publications and web-sites that pertain to their profession; an interview with a management person within the organization; a completed professional resume and cover letter.

ENT 299S Entertainment Internship Seminar**1 Credit**

This seminar course prepares students with Sophomore standing for the process of researching, skill marketing, and securing internships in the Entertainment industry. Students meet weekly to work on their self-marketing materials (resume, cover letters, and mock interviews) and to research key entertainment industry positions. Students are expected to secure, with departmental approval, an appropriate internship for the following semester.

ENT 300 Music Industry Marketing and Promotion**3 Credits**

This course will explore the principles, applications and ethics of marketing and promotion as it applies to the music industry. Students will study case studies of marketing for emerging, midlevel and established artists and their recordings, tours, merchandise, etc., and explore how companies in the music industry plan and execute promotional campaigns for radio play, live concerts, and album releases. As part of this course, student will design, research and develop their own marketing campaigns for a musical artist.

**Pre-Requisite: ENT 102 - Introduction to the Music Industry And
Pre-Requisite: MKT 210 - Principles of Marketing**

ENT 301 Entertainment and Services Marketing**3 Credits**

Entertainment and Services Marketing is designed to provide students with the ability to analyze and solve complex and current entertainment business and marketing problems through the use of case studies. Students will study the marketing initiatives of select entertainment content producers and professional sports teams and associations and their effectiveness in reaching marketing goals. This course requires students to exercise critical thinking and creative problem-solving skills in real life entertainment business situations.

**Pre-Requisite: MKT 210 - Principles of Marketing And
Pre-Requisite: ENT 102 - Introduction to the Music Industry And
Pre-Requisite: ENT 110 - The Business of Music**

ENT 320 Tour Management**3 Credits**

This course will provide an extensive overview of Tour Management as it relates to the commercial music industry. It will explore the role of the Tour Manager and how they function as a unique part of an Artist Management team. This course will cover everything from the conception to the conclusion of touring including routing, budgeting, hiring personnel, marketing and advertising, accounting and settlements, tour support services, and dealing with issues and problem-solving on the road.

Pre-Requisite: ENT 210 - Concert Promotion Management

ENT 335 The Recorded Music Industry**3 Credits**

This course focuses on various aspects of the recorded music industry. It will include information on the inner workings of record labels, major labels, independent labels, recording contracts, the recording process, careers in the recording industry, and the day-to-day operations of a modern recording studio business. Students will be introduced to the history of record labels, the present state of record labels in today's music industry, and what the future holds for these companies. Class topics will also explore marketing, promotion, financial analysis, working with artists and producers, and the legal aspects of the recorded music industry.

Pre-Requisite: ENT 102 - Introduction to the Music Industry

Course Equivalent: ENT 331

ENT 350 Concert Production Management**3 Credits**

Concert Production Management will focus on the producing and managing of concerts, in both large and small venues. In addition to issues of event management, contracts and riders, union regulations and public safety issues, students will explore the technical requirements of common lighting, staging and audio techniques necessary to bring a concert to a successful conclusion. Topics will include designing lighting plots, audio set-ups, and setting up and breaking down staging.

**Pre-Requisite: ENT 102 - Introduction to the Music Industry And
Pre-Requisite: ENT 110 - The Business of Music And
Pre-Requisite: ENT 106 - Venue Management**

ENT 353 Film/TV Production Management**3 Credits**

This course examines the behind the scenes decisions that a production manager makes when producing for film, television, and theater. The focus is on the business skills and knowledge needed to plan, fund, and execute a production. Although some of the topics covered will involve the technical equipment used in a production, it is not a studio based course and no filming or editing will be required. Topics include planning and finance, hiring cast and crew, task description, personnel assessment, operation and evaluation.

Pre-Requisite: ENT 200 - The Film and Television Industry



ENT 400 Entertainment Management Practicum**3 Credits**

This course involves hands on instruction in putting together an entertainment production. Bachelor students will take an active part in planning, managing and promoting a peer- based production, an individual production and a Bay State sponsored production. The course will develop and reinforce skills that students acquire through their prior course work, including internships.

Pre-Requisite: ENT 350 - Concert Production Management

ENT 425 Copyright and Music Publishing**3 Credits**

This course is focused on the music publishing industry. Students will explore the various sources of revenue from the sale of music in the areas of recordings, film, commercials, television, print, digital, ringtones, video games, Broadway shows and foreign uses and how the placement of music in these venues is facilitated. Through analysis of contracts used between publishers and songwriter, students will explore basic negotiation techniques and the typical range of income for such publishing opportunities. The course will review students' knowledge of copyright for music and sound recordings. Students will also explore the following topics: A&R functions of a publisher, royalty computation, current issues, and how to start their own music publishing business.

Pre-Requisite: LAW 140 - Entertainment Law and Ethics And

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus And

Pre-Requisite: LAW 140 - Entertainment Law and Ethics

ENT 495 Senior Seminar & Projects**3 Credits**

Senior Seminar & Projects is a capstone course and is taken in the last semester of the Bachelor student's program. The students will use all previously acquired Entertainment Management course knowledge to evaluate critical business decisions for their fields of interest, and in doing so, create their own model business entity. Each Bachelor student will present their progress weekly and share their insights and suggestions with their peers. Note: Bachelor students and juniors with permission of the Department Chair.

ENT 499 Entertainment Management Internship II**3 Credits**

This higher level internship course builds on the skills and experiences acquired by students in both their class work and their prior internship, but would require the students to focus on specific EM disciplines such as marketing, management, promotion, etc., distinguishing it from the more generalized ENT299. Note: BS students only.

Pre-Requisite: ENT 299 - Entertainment Internship

FAD 101 Flat Pattern Design**I 3 Credits**

This course introduces students to the basic sloper and dart manipulation. Students visualize various designing and construction techniques while developing the basic concept types of skirt, bodice, sleeve, etc.

FAD 102 Flat Pattern Design**II 3 Credits**

In this course, students are exposed to advanced use of the master pattern. This course includes structure for sleeve and body styling, designs of collars, and the further development in the use of the slack sloper.

Pre-Requisite: FAD 101 - Flat Pattern Design I

FAD 103 Clothing Construction**3 Credits**

Clothing Construction stresses the basic professional techniques in the production of designers' first samples. Through this class, students gain insight into the relationship between creative design and quality of the finished product.

FAD 104 Clothing Construction**II 3 Credits**

In this course, students learn to custom-fit clothing, as well as the techniques of industrial construction, while developing design concepts.

Pre-Requisite: FAD 103 - Clothing Construction

Course Equivalent: FD104

FAD 105 Principles of**Draping 3 Credits**

This comprehensive course provides students with the fundamental principles in developing basic silhouettes by draping and pattern making techniques. Students will further explore the characteristics of drapability of fabric and its effect on the development of silhouette and style. An original garment is designed and executed in fabric based on the categories studied.

FAD 120 Technical Design for the Fashion Industry**3 Credits**

Students will learn the fundamental and advanced techniques specific to fashion design and merchandising using relevant software such as Adobe Photoshop and Illustrator. Course assignments emphasize digital design development sketching techniques, color stories, line planning, silhouette, and fabric design. Students will utilize these software programs to digitally produce innovative, cohesive individual collections based on various product categories. Work will be done individually and includes one-on-one support as well as group critiques.

FAD 210 Fashion Illustration/Portfolio**Development 3 Credits**

This course introduces students to the world of fashion art. Emphasis is placed on the creation of a lady's fashion figure and on the design of the clothing being shown. In addition, some attention is given to men and children figures. Classes consist of technical demonstrations, workshops, and individual guidance designed to assist students in developing their style.



FAD 230 Creative Fashion Design I**3 Credits**

In this course, students will learn about the design process and how to bring their original ideas to fruition. We will study the elements of visual design such as line, space, color, pattern, and texture and how they are applied to fashion design. Students will learn fundamental construction skills and the design process. Throughout the course, students will learn how to use the basic slopers to develop patternmaking, and couture finishing garments translating their visual conceptions into finished three-dimensional pieces using both non-textiles and fabric. Students are responsible for the development of all designs that are to be fashion show ready.

Pre-Requisite: FAD 104 - Clothing Construction II And Pre-Requisite: FAD 102 - Flat Pattern Design II

FAD 232 Advanced Creative Fashion with Couture**3 Credits**

Students develop more intricate designs into finished projects and emphasis is placed on personal interpretation of projects in couture design. This class is an advanced level fashion construction class. Students who have demonstrated an aptitude for working with intricate textiles are offered an opportunity for skill development beyond what is covered in Creative Fashion I. Students will work with a variety of fabrics and patterns and apply advanced construction techniques to design projects that would relate to figure analysis. Work will include completion of independent fashion projects in bridal or evening wear, and costume. Advanced applications such as hand embroidery, beading, ruching, corset making, and silk screen printing will be learned. The design and construction of specialty products (accessories) will also be explored. Students are responsible for the development of all designs that are to be fashion show ready.

Pre-Requisite: FAD 230 - Creative Fashion Design I

FAD 301 Flat Pattern Design/Construction III **3****Credits**

Students explore advanced construction and drafting methods for custom suit tailoring. Students learn design and construction of a tailored ensemble using traditional tailoring methods that include pad stitching, foundation shaping, special lapel and collar treatments and finishes.

Pre-Requisite: FAD 231 - Creative Fashion Design II

FAD 310 Textile Design**3 Credits**

Students learn to use Adobe Illustrator and Photoshop (CAD) to create original textile designs. Based on market trend research, students create digital designs for printed and woven textiles, using a variety of layouts, repeats, and color palettes. Color theory, as it relates to textiles, is emphasized. Students produce visualizations of their designs and printed presentations for their portfolio, as well as creating a garment using an original printed textile.

Pre-Requisite: SCI 240 - Textile Science And Pre-Requisite: FAD 120 - Technical Design for the Fashion Industry

Course Equivalent: FAM 313

FAD 320 Wearable Art**3 Credits**

This course will lead students through an exploration of the intersections between art and fashion, from the 19th century through the present. They will view, discuss, and analyze a variety of wearable artworks and their meaning, touching upon themes such as symbolism, identity, politics, commerce, history, and individual expression. In the studio component of this class, students will design, pattern, and construct two pieces of wearable art: a conceptual garment and a garment for performance. In this advanced level class, students will build upon the skills they have learned in Creative Fashion I & II, honing their patternmaking and construction skills and strengthening their concepts behind their designs.

Pre-Requisite: FAD 231 - Creative Fashion Design II

FAD 495 Senior Fashion Project**II 3 Credits**

This course serves as the second semester of the two-semester capstone in the Design concentration for the BS in Fashion Merchandising program. Students will conceptualize, design, create, and present a series of garments to demonstrate their design concepts, project management, and technical skills.

Pre-Requisite: FAM 490 - Senior Fashion Project I

FAM 101 Fashion Merchandising**3 Credits**

This course presents basic theoretical and practical knowledge required to favorably commence a career in merchandising. The course emphasizes the consumer, financial planning, buying, and merchandising. Topics covered include consumer behavior, fashion elements, planning, fashion merchandising techniques and practices, negotiating, and information systems.

FAM 105 Contemporary Designers and Trends**3 Credits**

This course provides an overview of contemporary designers, their inspirations and their place in the fashion industry. Topics covered include licensing, branding, design, and market strategies.

FAM 107 Visual Merchandising**3 Credits**

Students are introduced to the material, tools, and techniques used in visual merchandising. This background is reinforced with exposure to the work of leading professionals in the field. Emphasis is placed on giving students maximum opportunity to design and implement their own window and point-of-purchase displays. Concepts used in the design of posters, signage, sales environments, and exhibits are also explored.

FAM 110 Fashion Show Production**3 Credits**

Producing a fashion show of professional caliber is the learning tool in this course. Students leave nothing to chance as they experience the creative, organizational, and promotional aspects of a major production. Students also learn to coordinate clothing and accessories to achieve a total look appropriate to the



individual. Special attention is placed on problem solving and understanding the function of the professional coordinator.

FAM 120 Merchandise Marketing and Control**3 Credits**

In this course, fashion and retail students acquire an understanding of the financial aspects of merchandise planning and management by learning the procedures for purchasing and pricing merchandise, planning inventory levels, formulating a six-month plan, and calculating sales projections.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or Test

Placement: Math Placement >= 160

FAM 208 Creative Fashion Presentation**3 Credits**

Based on the knowledge acquired in previous fashion classes, students prepare and present fashion information through shows, clinics and/or written communications. Presentations are based on researching, analyzing, and forecasting fashion trends.

Pre-Requisite: FAM 101 - Fashion Merchandising

FAM 245 Retail Operations/Strategies**3 Credits**

This course examines the various approaches to retailing: a functional approach, which focuses on activities retailers must perform; an institutional approach, which describes the various types of retail establishments and their development; and a strategic approach, which concentrates on planning to meet objectives. The goal of the course is to assist students in becoming successful retail planners and decision makers who are able to successfully adapt to change.

FAM 255 Sustainable Fashion**3 Credits**

Students examine the issues and consequences that face consumers, merchandisers, and designers as they adopt and develop sustainable fashion products. They questions are considered in the framework of people, processes, and environment, exploring systems and practices that impact the environment the least while benefiting people the most.

Pre-Requisite: FAM 101 - Fashion Merchandising

FAM 299 Fashion Merchandising Internship**2 Credits**

This higher level internship experience is especially for students pursuing the Associate Degree in the Fashion industry. This course builds on prior class work and focuses on specific fashion disciplines.

FAM 299S Fashion Internship Seminar**1 Credit**

This seminar course prepares students for the process of securing internships in the Fashion industry. Students meet weekly to compose cover letters, resumes, and thank you correspondence and to research potential internship positions.

FAM 312 Retail Product Development**3 Credits**

Retail Product Development introduces the process of apparel development from idea generation to finished product. The major factors affecting the process such as globalization, technological innovation and ever-changing consumer demand are thoroughly examined. Students will understand how the technical and creative processes in apparel design are structured and managed in the context of a realistic business environment. Particular attention is given to the mastery of business planning and development, creative planning and management, technical design considerations and production planning and distribution.

Pre-Requisite: FAM 101 - Fashion Merchandising And Pre-Requisite: MKT 210 - Principles of Marketing

FAM 315 Styling for the Fashion**Industry 3 Credits**

Styling for the Fashion Industry provides an in-depth look at personal style and the styling of individuals based upon their unique characteristics. Students will study the five fashion personality types, evaluate lifestyles that correspond to each fashion personality, and conduct style evaluations based on criteria for styling individuals, fashion magazine photo shoots, fashion shows, and trunk shows. As a hands-on course, students will be involved in closet and wardrobe evaluation, body type evaluation, and wardrobe selection factors.

Pre-Requisite: FAM 101 - Fashion Merchandising

FAM 316 Fashion and Social Media**3 Credits**

This course is a study of the relevant relationship that social media has on the fashion and retail environment.

Pre-Requisite: MKT 210 - Principles of Marketing And Pre-Requisite: FAM 101 - Fashion Merchandising

FAM 320 Applied Buying Practices**3 Credits**

Applied Buying Practices launches students into the exciting role of being a retail buyer in the fashion industry using a unique application approach that takes students step-by-step through a real-life buying experience. This course walks students through the various steps a new buyer would take to complete a six-month buying plan and a merchandise assortment plan. Students analyze the buying function and the differences of buyers' responsibilities in various types of merchandising organizations as a means of studying the principles, procedures, and techniques practiced by merchandisers of fashion goods in determining what assortments to buy and which resources to select. This course examines how companies in different industries choose goals and strategically position themselves in the business environment.

Pre-Requisite: FAM 120 - Merchandise Marketing and Control



FAM 330 Case Studies in Fashion Merchandising**3 Credits**

Case Studies in fashion Merchandising is designed to provide students with the ability to analyze and solve realistic business and merchandising problems as related to apparel and soft goods industries, primarily using the case method combined with group discussion and exchange of ideas.

Pre-Requisite: FAM 101 - Fashion Merchandising And

Pre-Requisite: MKT 210 - Principles of Marketing

FAM 410 Global Markets**3 Credits**

Global Markets studies the interrelationship between retailers, suppliers and consumers in the global economy. Students will be exposed to international strategic planning concepts and growth strategies. The course presents examples and profiles of major international retailers, including their operational and competitive marketing methodologies. The specific criteria for international retailing success are examined and special attention is paid to the trade, cultural and environmental factors affecting global expansion.

Pre-Requisite: FAM 101 - Fashion Merchandising And Pre-

Requisite: MKT 210 - Principles of Marketing

FAM 490 Senior Fashion Project I**3 Credits**

This course serves as the first semester of the two-semester capstone in the Design concentration for the BS in Fashion Merchandising program. Students will conceptualize, design, create, and present a series of garments to demonstrate their technical skills and convey their artistic visions under the close supervision of the faculty.

Pre-Requisite: FAD 231 - Creative Fashion Design II

FAM 495 Senior Project in Merchandising**3 Credits**

The senior project, a component of the final semester, is designed as an opportunity for students to demonstrate the ability to think and write critically about a retail business-related problem of the student's choice. Extensive, accurate, and timely research, as well as competent writing and independent analysis are emphasized. Note: Department Chair approval required.

FAM 499 Fashion Merchandising Internship**2 Credits**

This higher level internship experience is especially for students pursuing the Baccalaureate Degree in Fashion Merchandising. This course builds on both class work and prior work experiences and focuses on specific Fashion Merchandising disciplines such as product development, global sourcing, retail management, and merchandising marketing.

FAM 499S Fashion Merchandising Internship Seminar**1 Credit**

This seminar course prepares students for the process of securing internships in the Fashion Merchandising industry. Students meet

weekly to compose cover letters, resumes, and thank you correspondence and to research potential internship positions.

FIN 201 Finance **3****Credits**

The principle focus of this course is on decisions and actions that are undertaken in light of the firms' objectives. Certain key concepts and commonly used tools of financial analysis are developed. Included are such topics as ratio analysis and financial control techniques. This material provides a useful overview of finance, and the ideas and terminology developed here facilitate an understanding of all the other parts of the course. Topics to be covered include decisions involving working capital, long-term assets, sources and forms of long term financing, financial structure, and leverage and cost of capital calculations.

Pre-Requisite: ACC 100 - Financial Accounting I And

Pre-Requisite: MAT 200 - Statistics

FIN 301 Managerial Finance**3 Credits**

The principle focus of the course is on the decisions and actions that are undertaken in the light of the firm's business objectives. The course develops a strategic investment model to be used in borrowing, decision-making and evaluation. The course deals with strategic financing decisions and ends with the management of working capital.

Pre-Requisite: FIN 201 - Finance And

Pre-Requisite: ACC 110 - Financial Accounting II

FIN 303 Money and Capital Markets**3 Credits**

This course examines how the banking markets work and international financial integration. There is an examination of different types of financial instruments, investments and the measuring of risk with each of the instruments. The course reviews how the Federal Reserve operates, how it makes policy decisions to change the market or controls the money supply.

Pre-Requisite: FIN 201 - Finance And

Pre-Requisite: ECO 102 - Macroeconomics

FIN 401Investments **3 Credits**

Investments will explore various strategies and vehicles for money management, including equity, real estate and fixed-income investments. Students will become familiar with the major stock exchanges, portfolio theory, valuation and risk management.

Pre-Requisite: ACC 110 - Financial Accounting II And Pre-

Requisite: FIN 201 - Finance

FIN 405 Public and Nonprofit Finance**3 Credits**

This course examines the financial and managerial implications of accounting, budgeting, fundraising, financial planning, and service provision for nonprofit organizations. Topics covered in this course include government and philanthropic funding, investment



strategies, taxation issues, 501C3 status, and the special circumstances of endowed and membership-focused nonprofits.

Pre-Requisite: FIN 201 - Finance

GEO 100 World Geography

3 Credits

This course focuses on the geographic and social features of the Eastern Hemisphere including Europe, Asia, the Middle East, Africa and the South Pacific. It will provide a comprehensive study of the physical and human features of these areas and the interrelationship between them. Historical impact, climate, culture, customs, languages, and the impact of the political and environmental factors on major countries and cities in these areas will be covered.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

HIS 101 American History

3 Credits

A survey of U.S. History from the colonial period to the present, this course provides students with a look at the more significant events, issues, and ideas that have shaped the American republic. The course will also examine the issues and policies that currently influence the lives of the American people and the development of international relations. Students are encouraged to develop analytical and critical thinking skills with which they may better understand ongoing developments in American society.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

HIS 106 History of Fashion **3**

Credits

History of Fashion examines western fashion throughout world history. An overview of social, political, and economic forces that influence fashion is conducted. Examination of current trends in designer clothing and their similarities and contrasts to previous eras provide clarity in understanding contemporary fashions, thus allowing students to become more competent merchandisers, designers, and consumers.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

HIS 201 US History in the 20th Century **3**

Credits

This course will survey major events in the history of the United States during the 20th century. Students will be introduced to different ideas, dynamic personalities, and changing trends in American culture. Emphasis will be placed on America's participation in the Vietnam War, the civil rights movement, and student activism on college campuses. **Pre-Requisite: ENG 101 or ENG 102 or Test Placement: English Placement >= 102**

HOM 101 Hotel Operations

3 Credits

This course allows students to develop an understanding of lodging organizations and operations and the departmental functions at the property level. The interdependence of departments and their impact on the delivery of guest services is discussed in relation to the managerial roles of planning, organization, leadership, and controlling. Special emphasis is also placed on food and beverage management and operations as they relate to the hotel industry.

HSI 299A Health Studies Capstone Experience

2 Credits

This course has a seminar component that will provide students with the tools needed to develop job search skills and eventually succeed in the workplace. A 120-hour Health Studies Internship or final professional project is also required. During the internship, the intern will observe experienced health care professionals at work in order to gain an understanding of the general background operations of a health care institution. The intern will, to an appropriate degree, interact with and provide services to patients and/or clients. All observations and experiences will be documented in a journal. The Internship Coordinator will assist the student in obtaining an internship however, the student is responsible for securing a placement. Students deciding to complete a final professional project will work with the Internship Coordinator to design, implement, and evaluate a plan to research an aspect of health care and/or related fields. This project may include shadowing professionals, attending industry conferences, interviewing industry professionals, etc. It is expected that the project will reflect a minimum of 120 hours of work.

Pre-Requisite: MED 201B - Clinical Procedures I And Pre-

Requisite: MED 102 - Medical Terminology And

Co-Requisite: MED 202B - Clinical Procedures II And Co-

Requisite: MED 151 - Medical Office Procedures

LAW 110 Business Law

3 Credits

This course introduces students to the basic legal concepts and principles of business law. It includes consideration of contracts, property partnerships, and corporations. The Uniform Commercial Code is covered in relation to sales, commercial paper, and riskbearing devices. The case method is used in the application of the legal principles studied.

Course Equivalent: LW137

LAW 140 Entertainment Law and Ethics

3 Credits

This course focuses on the legal and economic perspectives of the entertainment industry. Students study the topics of intellectual property and proprietary rights, project development and production, talent and the guilds, distribution and financing, as well as ancillary rights and related issues. Students also closely analyze a range of contracts and are introduced to the art of negotiation.



LIT 200**Literature 3 Credits**

In this course students analyze and discuss three major literary genres - short story, poetry, and drama. Students write several short critical responses and one analytical essay based on characters, themes, language, and/or structure of the literary works studied. The focus of the readings includes both classic and contemporary works by American, British, and European writers and may include Sophocles, Shakespeare, Henrik Ibsen, Arthur Miller, Lorraine Hansbury, William Faulkner, James Joyce, Flannery O'Connor, Ralph Ellison, James Baldwin, Raymond Carver, John Keats, William Wordsworth, Robert Frost, Emily Dickinson, Sylvia Plath, and Langston Hughes, among others. **Pre-Requisite: ENG 102 - English II**

Course Equivalent: LT122

LIT 211 The American Novel**3 Credits**

This upper-division course traces the development of the American novel from Hawthorne to Morrison. The focus of the class will be on critical reading and writing, as well as placing the literature in a social and historical context. The class is both reading and writing intensive.

Pre-Requisite: LIT 200 - Literature

LIT 231 Drama**3 Credits**

This course will introduce students to the basic elements of drama (plot, character, theme, points of view, symbolism, irony, tragedy and comedy) by exploring both classic and modern forms of drama. It will examine the role of drama in modern society (e.g., as social commentary or as a form of healing therapy for say, victims of abuse). It will also look at new forms of drama, both in the traditional (i.e., theatrical) mode such as types of performance art and the nontraditional mode, such as dramatic play in children.

Pre-Requisite: ENG 102 - English II

LIT 232 Mystery Story As Literature 3 Credits

This course is designed to introduce students to mystery/detective fiction as a separate genre of literature. Through the study of such concepts as point of view, characterization, the elements of voice, narrative time versus real time, pacing, plot, and the withholding of information from the reader (as well from the fictional characters), students will become familiar with mystery/detective fiction as a legitimate and enduring form of literature.

Pre-Requisite: ENG 102 - English II

LIT 233 Science Fiction/Fantasy As Literature 3 Credits

This course examines the structures and conventions of the genre commonly referred to as science fiction. Over the course of the semester, students examine texts of various lengths in order to arrive at a clearer understanding of the evolution of science fiction literature, the major themes of the genre, and the writers who have contributed to establishing and defining this form of literature.

Pre-Requisite: ENG 102 - English II

LIT 234 Disability in Literature**3 Credits**

This course will explore how literary texts portray people with all kinds of disabilities--physical, emotional, social and mental. Studying disability in literature will help us to questions what our culture defines as "normal" and ask us to consider what makes us human. Literature can help us understand the experiences of the disabled, as well as understand our own responses to disability in our own lives and in our culture.

Pre-Requisite: ENG 102 - English II

LIT 236 Short Stories of the World 3 Credits

"Oh, I have now a mania for shortness," wrote Anton Chekhov, one of the greatest short story writers. "Whatever I read - my own or other peoples works - it all seems to me not short enough." What makes a short story different than a novel? Is the short story just shorter? In this course students will read and analyze many of the most outstanding examples of this unique form of fiction from around the world. Authors may include Poe, Tolstoy, Chekhov, Flaubert, de Maupassant, James, Chopin, Joyce, Hemingway, Faulkner, O'Connor, Ellison, Borges, Cheever, Garcia Marquez, Updike, Monroe, Carver, and others.

Pre-Requisite: ENG 102 - English II

LIT 311 The African American Novel**3 Credits**

The purpose of this course is to broaden students' development of the African American novel, from Douglass' influential slave narratives and Chestnut's fiction, through the Harlem Renaissance, and to contemporary works by Toni Morrison and Ralph Ellison. Through close reading and consideration of historical and social factors, students will better understand the particular challenges of African American writers and their contributions to American literature as a whole. The class will emphasize critical reading and writing, as well as student participation.

Pre-Requisite: LIT 200 - Literature Or

Pre-Requisite: LIT 211 - The American Novel Or

Pre-Requisite: LIT 213 - American Poetry Or

Pre-Requisite: LIT 231 - Drama Or

Pre-Requisite: LIT 232 - Mystery Story As Literature Or

Pre-Requisite: LIT 233 - Science Fiction/Fantasy As Literature Or

Pre-Requisite: LIT 234 - Disability in Literature Or

Pre-Requisite: LIT 236 - Short Stories of the World

MAN 101 Introduction to Business**3 Credits**

This course is designed to help students understand the current business community. Presently, business practices are being affected by many other countries because of their trade and business decisions. Emphasis is placed on how the global economy affects small businesses, corporations, labor unions, personnel practices, stock and bond markets, and budget and trade deficits. Upon completion of this course, students will have a greater understanding of, and interest in, business events, both nationally and worldwide. In addition, students will have a better



grasp of future career opportunities available in the business world.

complete reflective assignments designed to maximize the learning process of the practical experience they gain in the internship assignment/project.

MAN 102 Management**3 Credits**

This course prepares students for positions of managerial responsibility, an important aspect of which is responsibility for the action of other people. Emphasis is placed on the four functions of management: planning, organization, leadership, and controlling. Principles relating to decision-making, problem-solving, and interpersonal relationships are developed through group discussions and case studies.

Course Equivalent: MG155

MAN 299S Internship Seminar**1 Credit**

The Internship Seminar provides students with the tool needed to secure and succeed in a business internship. Students will learn to craft and tailor professional resumes and cover letters, develop job search skills, and perfect professional workplace behavior. Students will also explore their career options and identify suitable career paths.

Pre-Requisite: MAN 102 - Management

MAN 105 Introduction to Entrepreneurship**3 Credits**

This course explores the entrepreneurial process from conception to launch of a new venture and outlines managerial strategies for long-term success of new businesses. Students will learn to evaluate the market potential for new ventures, identify the relative merits of various ownership structures, and be exposed to the financial strategies for successful launches of new firms. Students will create a fully articulated business plan as a final project in the course.

MAN 315 Staffing & Recruitment**3 Credits**

Staffing and Recruitment focuses on the fundamental human resource tasks of identifying staffing needs, designing multifaceted recruitment and retention strategies, and hiring appropriate personnel. Students will learn how to utilize varied selection tools, including interviews, ability and personality testing, and experiential evaluation.

Pre-Requisite: MAN 205 - Human Resources Management

MAN 205 Human Resources Management**3 Credits**

This course allows students to develop an understanding of the role of managing human resources. The course explores the importance of recruiting, interviewing, testing, and effectively supervising salaried and hourly employees, negotiation skills, union relations, and performance evaluation. Additional information regarding compensation, benefits, and employee wellness programs are discussed.

Pre-Requisite: MAN 102 - Management

MAN 322 International Management**3 Credits**

International Management introduces the student to the unique challenges of working for a multinational corporation. Students develop knowledge in managing across borders where higher levels of sophistication are needed in the marketing, operations, human resources, and financial management disciplines. Comparisons among political, economic, and technological environments are examined. Students examine the impact of culture on communication, motivation and leading in international settings.

Pre-Requisite: MAN 102 - Management And

Pre-Requisite: ECO 102 - Macroeconomics

MAN 240 Organizational Behavior**3 Credits**

This course examines individual, group, and organizational behavior within various business settings in a culturally diverse workplace. Topics covered include management theory, communication, motivation, leadership, managing rewards, stress management, employee counseling, appraisal, employee disciplinary systems, conflict management, training, and organizational development. Throughout the course, students work individually and in teams on cases and business simulations.

Pre-Requisite: MAN 102 - Management

MAN 324 Healthcare Delivery Systems**3 Credits**

Healthcare Delivery Systems provides students with a comprehensive introduction to the wide range of modes of healthcare provision in the US, including hospitals, clinics, medical offices, long-term care facilities and government healthcare institutions. The course will also explore the role of private insurance providers, government healthcare programs, the biotech/pharmaceutical industry, medical research in healthcare provision and its impact on the healthcare consumer.

Pre-Requisite: MED 102 - Medical Terminology And Pre-

Requisite: MAN 102 - Management

MAN 299 Internship**2 Credits**

Students will complete a minimum of 120 hours on-site in a business internship or career-focused project approved by the Department Chair. Students will create and execute an internship plan that is appropriate in consideration of their previous work history, skills, and future career aspirations. The course instructor will meet with the student and the student's on-site supervisor to identify learning opportunities, gauge the student's progress, and ensure compliance with the policies and procedures of the organization. Students will

MAN 325 Healthcare Financial Management**3 Credits**

Healthcare Financial Management is designed to impart comprehensive understanding of accounting and financial



management concepts, techniques and vocabulary as they apply to health care organizations. The course will develop students' understanding of the principles and practices of financial accounting and the methods for analyzing and using financial accounting information for healthcare decision-making. MAN 325 will focus on issues of managerial finance and cost containment, enabling students to develop the tools to achieve efficiencies in healthcare delivery.

Pre-Requisite: FIN 201 - Finance And

Pre-Requisite: MAN 324 - Healthcare Delivery Systems

MAN 326 Healthcare Regulation

3 Credits

Healthcare Regulation is designed to impart a comprehensive understanding of the nature and implications of governmental and professional regulation of the healthcare sector. Students will gain a thorough comprehension of laws and regulations covering the operation of healthcare organizations, licensing and practice of healthcare professionals and liability. The course will also examine the broader foundations of the US healthcare system in historical and comparative perspective.

Pre-Requisite: MAN 324 - Healthcare Delivery Systems And

Pre-Requisite: LAW 110 - Business Law

MAN 332 Negotiation

3 Credits

This course exposes the student to the basic concepts, principles, and activities involved in all aspects of professional negotiation. Effective negotiation requires analytic vision and interpersonal understanding. The ability to identify key stakeholders, their interests, and power relationships is essential, yet proper implementation is also necessary. This course offers students the opportunity to learn how to analyze negotiations at a more sophisticated level and to develop that understanding through practice. The course will also provide a conceptual framework to diagnose problems and promote agreement, both outside and inside of an organization.

Pre-Requisite: MAN 102 - Management

MAN 342 Managing Diversity in the Workplace

3 Credits

This course seeks to understand the nature, sources and implications of demographic diversity in the current global business environment. Students will gain an understanding of diversity across numerous dimensions, including ethnicity, gender, age, socioeconomic status, religion and disability. The students will develop both an understanding of the benefits of diversity and the skills necessary to succeed in and manage a diverse workplace.

Pre-Requisite: LAW 110 - Business Law

Course Equivalent: MAN 341

MAN 343 Managerial Leadership

3 Credits

This course examines leadership theories from the early trait models to the present. Emphasis is placed on the development of leadership behaviors in the organization setting. Topics include; situational, ethical, transactional, transformational and servant leadership.

Pre-Requisite: MAN 240 - Organizational Behavior

MAN 399 Internship II 3

Credits

Students will complete a minimum of 120 hours on-site in a business internship or career-focused project approved by the Department Chair. Students will create and execute an internship plan that is appropriate in consideration of their previous work history, skills, and future career aspirations. The course instructor will meet with the student and the student's on-site supervisor to identify learning opportunities, gauge the student's progress, and ensure compliance with the policies and procedures of the organization. Students will complete reflective assignments designed to maximize the learning process of the practical experience they gain in the internship assignment/project.

MAN 400 Management of Nonprofits

3 Credits

This course focuses on the particular needs and challenges of healthcare, social-service, and community-service not-for-profit organizations. Topics will include staff and volunteer management, community capacity-building, government and philanthropic funding, and regulatory affairs.

Pre-Requisite: MAN 205 - Human Resources Management

MAN 402 Operational Management

3 Credits

This course introduces the student to the primary tasks, duties, and responsibilities of a firm's operating units. Strategies, tactics, and their impact on marketing and finance are examined. Students learn how the operations management process transforms human, physical, and technological resources into finished products and services. The focus of operations management is decision-making at the operating level of the firm.

Pre-Requisite: MKT 210 - Principles of Marketing And

Pre-Requisite: FIN 201 - Finance

Course Equivalent: MAN 401

MAN 405 Grants and Contracts

3 Credits

This course explores the sources, mechanisms, and strategies of external governmental and philanthropic funding for nonprofit organizations of all types. Topics will include identifying funding partners and opportunities, grant and RFP writing, and performance evaluation of programs.

Pre-Requisite: MAN 400 - Management of Nonprofits

MAN 407 Business and Decision Analysis

3 Credits

This course will center on the analytical methods that decision makers use to gain insight into uncertainty. The course is designed to enable students to develop the skills to utilize the most effective methods for making decisions under conditions of uncertainty. Students will master both quantitative approaches to analyze potential courses of action and intuitive yet statistically grounded methods to enhance the efficacy of a wide range of business decisions.



Pre-Requisite: MAT 200 - Statistics And
Pre-Requisite: CIS 313 - Enterprise Systems and Integration

MAN 412 Strategic Management**3 Credits**

In this course students learn strategy analysis, strategy and policy formulation, policy implementation, and control. Students analyze problems in formulating, implementing, measuring, and adjusting strategy to ensure profitability and/or effectiveness in organizations. The use of a SWOT analysis will be used throughout the semester. The course emphasizes team-based projects designed to build knowledge and skills.

Minimum Credits Required:90.00

Course Equivalent: MAN 411

MAN 415 Training & Development**3 Credits**

Training & Development explores the significance of and best practices for the holistic, ongoing process of bringing employees into a firm, integrating them into an organizational culture, and maximizing their performance as individuals and team members. Students will further their understanding of complementary approaches to creating an efficient, productive, and satisfied workforce at all levels of an organization.

Pre-Requisite: MAN 205 - Human Resources Management

MAN 420 Management of Small Business**3 Credits**

This course provides the fundamentals of effective small business management. Coverage includes such diverse activities as managing growth, pricing, advertising and financial analysis. The course will also deal with major issues of a small business such as technology, crime insurance needs, the family business, ethics and the global marketplace. Students will select a business and develop a business plan for that business.

Pre-Requisite: ECO 101 - Microeconomics And
Pre-Requisite: MKT 210 - Principles of Marketing And
Pre-Requisite: MAN 102 - Management And
Pre-Requisite: ACC 110 - Financial Accounting II

MAN 422 Risk Management**3 Credits**

Risk Management is designed to introduce the student to various aspects of the managerial and strategic decision process concerned with how organizations attempt to identify, quantify, limit and respond to risk. Students will investigate the sources of financial, operational and business risk, determine which factors lie within an organization's control and draw conclusions about effective responses or preventive measures.

Pre-Requisite: MAN 240 - Organizational Behavior And Pre-Requisite: FIN 201 - Finance

MAN 425 Compensation, Benefits, & Employment Law**3 Credits**

Compensation, Benefits, and Employment Law examines the crucial role that employee remuneration and benefits strategies play in determining the success of an organization. The course will also explore key aspects of employment law, including employee and employer rights and responsibilities, equal employment opportunity/discrimination, the American with Disabilities Act (ADA), and employer liability. Students will learn to approach human resource decisions from a strategic perspective, focused on the long-term well-being of an organization and its stakeholders.

Pre-Requisite: LAW 110 - Business Law And
Pre-Requisite: MAN 315 - Staffing & Recruitment

MAN 450 Senior Seminar and Project**3 Credits**

Senior Seminar is the capstone course for all Bachelor of Science in Management students, normally taken in a student's final semester. The course provides students with the opportunity to apply their managerial knowledge in various functional areas, including management, finance, operations, marketing, and information technology to practical real-world issues. To demonstrate this knowledge, students will complete a semester-long comprehensive, detailed strategic analysis of a local business or nonprofit organization, drawing upon a range of primary and secondary source material, under guidance from the professor.

Pre-Requisite: MAN 412 - Strategic Management

MAN 499 Business Internship**3 Credits**

Students will complete a minimum of 120 hours on-site in a business internship or career-focused project approved by the Department Chair. Students will create and execute an internship plan that is appropriate in consideration of their previous work history, skills, and future career aspirations. The course instructor will meet with the student and the student's on-site supervisor to identify learning opportunities, gauge the student's progress, and ensure compliance with the policies and procedures of the organization. Students will complete reflective assignments designed to maximize the learning process of the practical experience they gain in the internship assignment/project.

Pre-Requisite: MAN 299S - Internship Seminar

MAT 098 Fundamentals of Algebra**3 Credits**

This course is designed as an introductory/review Math course. The course will begin with a review of selected arithmetic topics including fractions, decimals and percents, followed by a review of signed numbers, exponents and the order of operations. Basic algebraic topics will also be covered, including simplifying and evaluating variable expressions, solving linear equations in one variable and graphing linear equations in two variables. Real world applications will also be introduced. This is a remedial course and the credits do not apply to graduation. Students who do not complete MAT 098 with at least a C- will not be allowed to take MAT 104. These students must retake MAT 098 and earn a C- to continue to MAT 104.



MAT 100 Concepts and Calculations**3 Credits**

This course is designed for those entering the health professions. Students learn techniques for solving mathematical problems encountered in health related fields. Students become proficient at solving algebraic equations, graphing in two variables, converting measurements using dimensional analysis, calculating a variety of prescribed dosage amounts, determining intravenous flow rates, preparing solutions, and reading measuring instruments.

Pre-Requisite: MAT 098 - Fundamentals of Algebra Or

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or

Test Placement: Math Placement \geq 104

MAT 104 Intermediate College Algebra**3 Credits**

This course reviews and strengthens skills in algebra and logical thinking. The course will begin with a review of linear equations in one and two variables, inequalities and graphing. Additional topics include: literal equations, functions, polynomial, exponential, and rational expressions, factoring, radical expressions and quadratic equations, and absolute value equations. Real world applications will be found throughout the course. Students who have already passed MAT 102 or MAT 103 cannot take this course.

Pre-Requisite: MAT 098 - Fundamentals of Algebra Or

Test Placement: Math Placement \geq 104

Course Equivalent: MA 101, MAT 102

MAT 105 Mathematics and Personal Finance**3 Credits**

This course teaches the concepts, ideas and problem-solving skills associated with personal finance and consumerism. Topics covered include: basic operations and their pertinence to personal finance; percentages and their applications, including markups and markdowns; banking, commissions, payroll, and payroll deductions; interest and an introduction to stocks, bonds, and mutual funds; finance charges, credit scores, and loan amortization. Within these areas, algebraic equations and formulas will be used and developed to find solutions to these real-world topics.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or

Test Placement: Math Placement \geq 160

MAT 107 Applied Math for Nurses**1 Credit**

This course reviews and strengthens skills in basic mathematics and algebra within the context of the nursing field. Students will learn various mathematical techniques used in performing entrylevel nursing dosage calculations such as ratio and proportion methods, formula methods, and dimensional analysis. Calculations involving oral medications, solutions, and parenteral medications, including intravenous medications, will be examined. Additionally, conversions within and between various measurement systems, such as the household metric systems, will be discussed.

Pre-Requisite: NUR 100 - Introduction to Nursing Concepts And

Pre-Requisite: NUR 102 - Health Assessment And

Co-Requisite: NUR 101 - Fundamentals of Nursing

Course Equivalent: MAT 106

MAT 160 Pre-Calculus**3 Credits**

This course continues the study of algebra and covers topics such as complex numbers, linear systems, symmetry, inverses and graphical transformations and an in depth study of functions and their graphs, also including circles, parabolas and ellipses. Specific functions to be covered are linear, exponential, logarithmic, polynomial and rational functions. Trigonometry, right angles, the unit circle and trigonometric functions will also be discussed. If time permits, sequences and series will be studied. Applications and word problems will be found throughout the course.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or Test

Placement: Math Placement \geq 160

MAT 200 Statistics**3 Credits**

This course introduces students to general statistical methods used in collection, presentation, analysis, and interpretation of statistical data. Topics to be covered include frequency distributors, measures distributions, and the application of concepts in statistical methodology. An analysis of research design is also introduced.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or

Test Placement: Math Placement \geq 160

MAT 211 Mathematics for Management**3 Credits**

This course introduces students to the modeling approach in managerial decision-making. The development and creation of mathematical models, solving these models using both by-hand techniques and spreadsheet tools (Microsoft Excel), and interpreting solutions will be emphasized. Sensitivity analysis (PostOptimality Analysis) will also be studied. This course will focus on linear models, but will also include an introduction to decision analysis and the application of probabilities in decision making.

Pre-Requisite: MAT 104 - Intermediate College Algebra Or

Pre-Requisite: MAT 160 - Pre-Calculus Or

Pre-Requisite: MAT 200 - Statistics Or

Test Placement: Math Placement \geq 160

MAT 230 Calculus**3 Credits**

A one-semester class, introducing students to fundamental Calculus. The student will learn to graph basic toolkit functions and determine continuity and limits of said functions. Through the study of the tangent line of rates and change, the derivative will be introduced. Differentiation fundamentals such as power, multiplication, division, and chain rules will be studied. Applications of the derivative such as curve sketching through increase/decrease, concavity analysis, and extrema will be followed by related rate problems. The anti-derivative will be introduced as well as its application towards finding area between curves. To close out the term, the student will examine the derivative and the integral of trigonometric functions. MAT



160 or Instructor's Permission required to enroll in this course.

Pre-Requisite: MAT 160 - Pre-Calculus

MED 100 Introduction to Health Care

3 Credits

This course is an overview of the concepts surrounding health care. Topics include the health care delivery industry, professionalism and communication in the health care setting, medical history and physical assessment, concepts related to health promotion and disease prevention, safety and infection control, first aid and CPR. This course will also expose the student to various employment opportunities and enable them to explore potential career paths in the healthcare industry.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

MED 102 Medical Terminology

3 Credits

This course develops the knowledge of the elements of medical words and the skill to spell and pronounce them, leading to an ability to understand the language of medicine. Emphasis is placed on building medical words from Greek and Latin prefixes, word roots, and combining forms. Also covered is the understanding of the relationship between medical terms and their synonyms in lay usage and the clarification of the meaning of unfamiliar words by analysis of their components.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

MED 103 Introduction to Healthcare

4 Credits

This course provides an overview of the roles and responsibilities of a healthcare professional and an introduction to medical specialties and subspecialties. This course introduces the student to the structures and functions of the healthcare platform which will consist of various topics such as healthcare formalities, the history of medicine, the healthcare team, office environment, professionalism, customer service, effective teamwork, patient satisfaction within the healthcare practice. Students will also learn, effective communication, interpersonal communication, workplace relationships, admission and discharge procedures, constructing and managing patient's healthcare records, HIPAA, confidentiality, time management, professional appearance and conduct, cultural differences, government programs, indemnity's, agreements, listening skills, gossiping at the workplace, patient privacy, deductibles. Body mechanics, workplace violence, OSHA, safety and emergency practices, ergonomics, promoting culture of safety and risk reduction. Outside preparation and study time, in addition to completing the online classroom activities, is required to complete the class assignments. Students will examine the competencies to develop strategies that will contribute to the goals of successful program completion.

Pre-Requisite: ENG 099A - Basic English for College And

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

MED 151 Medical Office Procedures

4 Credits

This course introduces the student to the role of the administrative medical assistant. Topics include general medical office procedures such as telephone etiquette, appointment scheduling, office maintenance, staff management, basic financial management, billing, current procedural terminology, international classification of diseases and filing of insurance claims. Students will be introduced to fundamentals of medical transcription, electronic health records and medical management software programs. Professionalism and communication skills are stressed throughout the course.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

Course Equivalent: MED 150A

MED 161 Medical Coding

3 Credits

This course is designed to familiarize the student with coding procedures necessary to ensure third party payment for services rendered in the medical office. The student will gain detailed knowledge of ICD-10-CM (International Classification of Diseases) and CPT (Current Procedural Terminology) codes, and Level II (HCPCS) coding systems, HCFA-1500 (Health Care Finance Administration) forms, and legal collection procedures. The student will also gain familiarity with provider payment systems of various types of insurance carriers including Health Maintenance, Organizations, Preferred Provider Organizations, as well as federal programs such as Medicare and Medicaid (Mass Health). The medical topics of Medicare fraud, HMOs, and QIOs are also reviewed.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

Course Equivalent: MED 160

MED 162 Health Information and Technology

3 Credits

The focus of this course is the use of technology in healthcare. Students use a web-based electronic medical record education software to complete assignments in this course. Communication methods using technology are addressed. Students gain experience with using the electronic health record (EHR). Healthcare EHR security issues, social media use, and digital healthcare resources are examined. Computer skills proficiency developed as a part of this course.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101



MED 163 Coding: ICD Part 2**3 Credits**

This course continues emphasis on Current Procedural Terminology (CPT) and International Classification of Diseases (ICD-10) coding skills and provides fundamentals of initiating, tracking and processing Medicare, Medicaid, Champus/Champva, Workers' Compensation and Disability Compensation claims, and introduction to Healthcare Common Procedure Coding System (HCPCS) and Diagnosis Related Groups (DRGs). Students will receive an in-depth explanations and examples of CPT, ICD-10-CM, and HCPCS medical coding systems; using the industry standard codebooks and source documents, PowerPoints, reading material and other source documents. Outside preparation and study time, in addition to completing the online classroom activities, is required to complete the class assignments. Students will examine the competencies to develop strategies that will contribute to the goals of successful program completion.

Pre-Requisite: MED 161 - Medical Coding

MED 201B Clinical Procedures I**4 Credits**

This course provides students with the theoretical knowledge and technical skills to perform various clinical procedures, documentation skills and guidelines necessary to assist a physician and a variety of health care providers. Students become familiar with diseases, clinical procedures, and treatments common to various medical specialties. The role of diagnostic imaging, rehabilitation and nutrition in health and disease will be discussed. This course has a laboratory component where students will learn how to assist in ambulatory minor surgical procedures, examinations and procedures in pediatrics, gerontology, OB-GYN, urology and specializations involving different body systems.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

Course Equivalent: MED 201A

MED 202B Clinical Procedures II**4 Credits**

This course is a continuation of Clinical Procedures I and will provide students a deeper understanding of advanced techniques of clinical assisting, diagnostic procedures, and treatments in various medical specialties. Students will be introduced to pharmacology and medication administration. The course will also focus on medical laboratory procedures where students will learn techniques and rationale behind these diagnostics.

Pre-Requisite: MED 102 - Medical Terminology And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: MED 201B - Clinical Procedures I

Course Equivalent: MED 202A

MED 211 Advanced Coding**3 Credits**

The student will build on coding and billing skills learned in previous courses. This course will introduce higher level reimbursement information. Students will gain an understanding of the processes used by reimbursement specialists. This course will introduce obtaining certifications in medical billing and coding.

Pre-Requisite: MED 163 - Coding: ICD Part 2

MED 225 Medical Ethics**3 Credits**

This course exposes students to a wide variety of moral principles currently encountered in medicine today, as well as the ethical questions and controversies arising out of current medical practice. Some topics currently covered are applied human genetic counseling, human experimentation, in-vitro fertilization, surrogate parenting, abortion, euthanasia, medically treating special populations, legal rights of patients and health care providers, informed consent, rights of the handicapped, long-term care, Acquired Immune Deficiency Syndrome, and allocation of medical resources. Aside from personal beliefs, opinions and values, the course will also emphasize the professional behaviors, work ethics, sensitivity to patient diversity and appropriate conduct of medical professionals.

Pre-Requisite: ENG 102 - English II

MED 299B Medical Assisting Internship and Seminar**3 Credits**

This course has a seminar component that will provide students with the tools needed to succeed in an internship, prepare them for a certification exam, and develop job search skills. A 160-hour Medical Assisting Internship is also required. The Internship Coordinators schedule students for experiential learning in a preapproved clinical site and a specified time frame. Students are given the opportunity to apply skills and knowledge learned in all program courses to a clinical setting.

Pre-Requisite: MED 102 - Medical Terminology And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: MED 201B - Clinical Procedures I

Course Equivalent: MED 299A

MKT 207 Advertising and Promotion**3 Credits**

This course, offering an analysis of highly successful local and national advertising campaigns, is coupled with identifying the characteristics of contemporary media. In this course, students develop creative concepts for the advertising of both products and services. Emphasis is placed on understanding the procedures and professionals involved in bringing concepts to reality.

MKT 210 Principles of Marketing**3 Credits**

Principles of Marketing exposes the student to the basic concepts, principles, and activities involved in marketing. Students study the role of marketing in businesses and non-profit organizations. Environmental, societal, demographic, and economic factors affecting marketing and the nature of marketing decisions are also explored. Students will learn how to formulate marketing strategies to analyze marketing opportunities and to develop a



marketing program, emphasizing product, place, price, and promotion. Students will work in teams to select a product and develop a marketing plan for that product.

MKT 213 Consumer Behaviour

3 Credits

Today's consumer landscape is more complex than ever. Thanks to Big Data, we can target consumers based on their specific interests. Multichannel media means that we reach consumers everywhere, from the phones in their pockets to their TV sets, trying to influence them to buy our products. Yet, research shows that most consumers trust recommendations from friends, and not advertising or sales associates. Most buying decisions are more emotional than practical. Traditional psychological approaches still hold sway—even on new media such as social and mobile. In this class, students will learn the basics on consumer psychology. The course explores the many social, cultural, and economic factors that go into buying behavior. Students also learn how Big Data is changing the landscape of how customers interact with brands. Through practical, hands-on activities, students learn how to understand consumers, reach them effectively, and embrace the diverse global consumer landscape.

Course Equivalent: MKT 212

MKT 322 Product Development and Marketing

3 Credits

Developing new products is an exciting role for marketers. In this class, students will learn how new products are created, launched, and marketed. Combining traditional product management with contemporary techniques, this class also shows how to launch a new company based on a product idea. Students will learn how to test out a product idea to ensure it will interest consumers, build the right product that consumers want, and launch the product for maximum chances of success. The class also tackles the development process from a management perspective. Building on the concept of empathy-driven design, this class integrates the creative, technical, and managerial aspects of product design. Students will learn about traditional and contemporary approaches to product management and marketing, including: Product Roadmapping, the Business Model Canvas, User Experience (UX) research, Blue Ocean Strategy, Product Lifecycle Management, and Product Ownership within a Scrum environment.

Pre-Requisite: MKT 210 - Principles of Marketing

Course Equivalent: MKT 321

MKT 323 Sales Principles and Leadership

3 Credits

This course will center on the strategic role of sales and broader marketing principles within the organization. The course will also explore the management of sales functions in diverse organizations. In addition to mastering the principles and techniques of various aspects of sales, students will be expected to understand the role of factors as diverse as technology and e-commerce, CRM strategies and cost analyses in the selling process.

Pre-Requisite: MKT 210 - Principles of Marketing

MKT 326 Brand Management

3 Credits

This class will give students a fundamental understanding of how to build, measure, and manage a brand. This course provides students with insights into how profitable brand strategies can be created and managed by brand management professionals. This class blends marketing theory and practice to provide perspective on corporate marketing and the brand management function.

MKT 327 Social Media Marketing

3 Credits

Social media is rapidly becoming a critical marketing channel for both business-to-consumer (B2C) and business-to-business (B2B) companies. It offers unparalleled opportunities to foster word-of-mouth, engage consumers on mobile devices at the point of purchase, and reach customers with messages that speak to their interests. This hands-on course will build on classic marketing strategies and help students understand the uses of Twitter, Facebook, Instagram, LinkedIn, Pinterest, Meerkat, and others channels in marketing today.

Pre-Requisite: MKT 210 - Principles of Marketing

MKT 328 Digital Marketing 3

Credits

Marketing online has become the essential channel for companies large and small to reach consumers. Today's digital marketing offers consumers personalized offers and unprecedented access to goods and services. It offers companies an unprecedented amount of data, the potential for greater customer loyalty, and more access to markets for niche brands. This course provides students with a comprehensive overview of digital marketing strategy. In this project-driven class, students will work on creating a complete digital marketing plan for select nonprofit or small businesses. In the process, they will learn the core strategies of digital marketing including: digital marketing channels and methods, strategies for reaching consumers online, and planning for integrated digital campaigns.

Pre-Requisite: MKT 210 - Principles of Marketing

Course Equivalent: MKT 325

MKT 330 Content Marketing

3 Credits

Content marketing is the creation of written, visual, and video materials that inform consumers while promoting a company's brand. It's the core competency of a modern marketing organization. Content marketing includes all the written materials on which contemporary inbound marketing depends such as: Social media posts and videos, Website text, Email newsletters, Blogs, Infographics and YouTube content, plus the technical communications used in the high-tech industry, such as whitepapers. In this hands-on class, we'll put our writing, video, and design skills to use creating content marketing that drives visibility, sales, and growth for marketing organizations. Content marketing offers an opportunity for strong writers, video professionals, and designers to become core members of the marketing team. This class will help creative students apply their skills in a business context, while enabling business students to strengthen their ability to produce usable advertisements, videos, and marketing materials.

Pre-Requisite: MKT 210 - Principles of Marketing



MKT 422 International Marketing**3 Credits**

This course deals with the relevance of international marketing. The course starts with the culture of international marketing and the need for understanding of globalization.

Pre-Requisite: MKT 210 - Principles of Marketing

MKT 425 Marketing Research**3 Credits**

This course focuses on and examines the critical need for customer and market information and the tools and methods available to collect and analyze that information. Topics include identification of information needs, market and consumer analysis, methodology for collection of information, and analysis of data relative to marketing issues. Reviews data and key marketing concepts to help students learn more about marketing tools and uses. Use of the Internet will also help demonstrate how to gather market research data more quickly and efficiently.

Pre-Requisite: MKT 210 - Principles of Marketing And

Pre-Requisite: MAT 200 - Statistics

MKT 426 Marketing Analytics**3 Credits**

Data is everywhere today in marketing. Data about consumers, from their last web search to how often they purchase coffee, dictates the types of ads every US consumer sees. Sales data from every store in a chain feeds directly back to the home office, impacting everything from what gets put on sale to the colors of next year's fashions. From tailoring ads to consumers' interests to mining demographic data to determine where to advertise, today's marketers use data for every decision. This course introduces students to the use of data analytics in marketing. It will teach students four core strategies for using data effectively: 1) How to use internal data, such as sales figures and web analytics, to make strategic planning decisions; 2) How to use the large amount of consumer data, part of Big Data, available via Google and other internet companies to effectively target consumers while respecting privacy; 3) How to use competitive data to position brands, set pricing strategy, and predict trends; 4) How to generate new data to measure the ROI of marketing: how measuring data types such as clickthrough rates can help marketers create campaigns that win more sales.

Pre-Requisite: MKT 210 - Principles of Marketing

MKT 427 Customer Experience Management**3 Credits**

Maintaining ongoing relationships with customers is the core of successful management. In this course, students will learn both the strategies and technologies of Customer Experience (CX) Management. We will start by identifying the top strategy frameworks for developing strong customer relationships. We'll then look at how these strategies are implemented via CRM systems, including Hubspot and Salesforce. This class integrates both sales and marketing to cover the complete customer lifecycle, from the moment a customer is acquired to maintaining customer loyalty through effective programs that engage stakeholders based on empathy-driven marketing. We'll learn about messaging, online targeting and optimization, and finding

the most profitable customers. We'll learn how to use the major features of most common CRM systems, leaving students work-ready for roles in outside and inside sales as well as marketing.

Pre-Requisite: MKT 210 - Principles of Marketing

MKT 459 Marketing Strategy**3 Credits**

Marketing Strategy is designed to aid students in understanding the process of research, competitor analysis and long-range planning in the marketing field. Students will gain expertise in identifying and exploiting opportunities for growth and entrance into new or underserved markets. As a capstone project, students will develop a comprehensive marketing plan and strategy for a product or service.

Pre-Requisite: MKT 210 - Principles of Marketing And

Pre-Requisite: FIN 201 - Finance

MOA 299A MOA Capstone 3**Credits**

In this course the student will apply the concepts and skills learned in previous courses in a simulated work-based learning experience. Students will utilize case studies and reimbursement problem sets to develop a portfolio which demonstrates legal and ethical behavior, safety practices, interpersonal and teamwork skills, and mastery of entry level administrative skills including reimbursement practices.

Pre-Requisite: MED 211 - Advanced Coding

MUS 101 Fundamentals of Music**3 Credits**

Students will develop critical listening skills for the analysis of contemporary music recordings by exploring the conventions of basic music theory and the historical and social context of music. Song forms, time signatures, lyrical content, scales, harmony and other topics are covered through classroom lecture, demonstration, and audio examples.

Co-Requisite: ENG 101 - English I

MUS 102 American Music in the 20th Century**3 Credits**

This course is an introductory study of the diverse musical traditions that are part of the American experience. This course surveys American music beginning in the early 20th century with blues, gospel, and American folk music, and progresses through ragtime, jazz, rock, and hip-hop. Indigenous and immigrant music styles will also be explored.

Co-Requisite: ENG 101 - English I

***NUR 100** Introduction to Nursing Concepts**3 Credits**

This course focuses on the foundations of Nursing professionalism and practice including the evolution of the nursing profession. Key concepts are presented in chronological order and include theoretical models of nursing care, critical thinking and nursing process. Current practice is presented within the framework of Quality and Safety Education for Nurses (QSEN). Students will examine the core



competencies and will work in groups to develop beginner strategies that will contribute to the goals of successful program completion and licensure.

***Discontinued Course: See NUR 103**

***NUR 101** Fundamentals of Nursing

7 Credits

Using the quality and safety in education model, this course builds on a foundational understanding of professional nursing by introducing students to elementary cognitive and psychomotor nursing skills required to provide basic care to the adult and geriatric populations. In addition to classroom theory, clinical and laboratory content, students will be required to complete 90 hours of clinical work in adult medical/clinical settings.

Pre-Requisite: NUR 102 - Health Assessment

***Discontinued Course (Spring2021): See NUR 105/105C/105L**

***NUR 102** Health Assessment

3 Credits

This course will provide students with the nursing knowledge required to develop mastery of nursing assessment skills to care for diverse populations of patients. Emphasis will be placed on students' recognition of the need for assessment prior to intervention. Students will be introduced to interviewing patients to gather subjective data and performing physical assessments to gather objective data. The use of therapeutic communication skills when performing health assessment and the assessment of cultural and socio-economic aspects of health will be emphasized. Students will learn to critically evaluate assessment findings and differentiate between normal findings and those that may indicate an actual or potential health problem. Students will learn to integrate the principles of health promotion, disease prevention, and health teaching into the health assessment based on the specific needs of the patient. Students have lab experiences in the nursing learning and simulation laboratory where health assessment skills can be practiced.

***Discontinued Course: See NUR 104/104L**

NUR 103 Introduction to Nursing Concepts

3 Credits

This course introduces the student to nursing knowledge, as it relates to the role of the registered nurse, and the importance of ethical, legal, and standards-based practice. The Nurse of the Future Nursing Core Competencies (NOFNCC) and the associated Quality and Safety in Nursing Education competencies (QSEN) are explored. The professional attributes of the nurse, as well as, the importance of collaboration with members of the health care team are examined. The course introduces the components of the nursing process as they apply to problem solving patient care. Professional and therapeutic communication are introduced and considered in relationship to patient teaching learning principles. The development of critical thinking, clinical reasoning and clinical judgment along the nursing knowledge continuum will be investigated.

Previous Course Code: NUR 100

Pre-requisite: Admission to the Nursing Program.

Co- Requisites: NUR 104, NUR 104L, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

NUR 104 Health Assessment

2 Credits

The Nurse of the Future Nursing Core Competencies (NOFNCC) provide the framework for the development of nursing knowledge required for mastery of nursing assessment skills for diverse populations. The use of the nursing process, with consideration for patient preferences, values, and needs, is applied to health assessment skills. Emphasis is placed on student's ability to recognize the need for assessment prior to intervention. The use of interprofessional and therapeutic communication during health assessment, including when collecting assessment data, is developed. Students are expected to critically evaluate assessment findings, with the outcome of differentiating between normal findings, and those that may indicate an actual or potential health problem. The impacts of race, ethnicity, culture, and socio-economic status on health promotion, disease prevention and health education are examined. Students will have the opportunity to demonstrate acquired knowledge, skills, and attitudes in performing a patient-centered health assessment in the corresponding learning laboratory course. Students must successfully complete all related didactic and lab requirements of both sections of this course to pass this course.

Previous Course Code: NUR 102 (Not equivalent without NUR104L)

Pre-requisite: Admission to the Nursing Program.

Co- Requisites: NUR 104L & NUR 103, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

NUR 104L Health Assessment Clinical Simulation

1 Credit

The Nurse of the Future Nursing Core Competencies (NOFNCC) provide the framework for the development of nursing knowledge required for mastery of nursing assessment skills for diverse populations. The use of the nursing process, with consideration for patient preferences, values, and needs, is applied to health assessment skills. Emphasis is placed on student's ability to recognize the need for assessment prior to intervention. The use of interprofessional and therapeutic communication during health assessment, including when collecting assessment data, is developed. Students are expected to critically evaluate assessment findings, with the outcome of differentiating between normal findings, and those that may indicate an actual or potential health problem. The impacts of race, ethnicity, culture, and socio-economic status on health promotion, disease prevention and health education are examined. Students will have the opportunity to demonstrate acquired knowledge, skills, and attitudes in performing a patient-centered health assessment in the corresponding learning laboratory course. Students must successfully complete all related didactic and lab requirements of both sections of this course to pass this course.

Previous Course Code: NUR 102 (Not equivalent without NUR104)

Pre-requisite: Admission to the Nursing Program.

Co- Requisites: NUR 104 & NUR 103, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

NUR 105 Fundamental Health Concepts

3 Credits

The Nurse of the Future Nursing Core Competencies (NOFNCC) is used as a framework for building nursing knowledge and critical thinking, to the foundational understanding of patient centered care to



adults and older adults in a variety of health settings. Course content will focus on the purpose and rationale for providing nursing skills safely and competently. Students are introduced to the meaning and functions of the work unit and the nurse's role in meeting patient and organizational quality improvement goals. Nutrition and related basic pharmacological therapies are integrated. Student are expected to exhibit professionalism in the classroom, as evidenced by self-direction, self-awareness, responsibility, and respect for others. Course content including discussions, reading, concepts maps, case studies and other active learning strategies will incorporate steps of the nursing process. Course content will be applied to the clinical and laboratory skills sections of this course.

Students must successfully complete all related didactic lab and clinical/sim requirements in all sections of this course to pass this course.

Previous Course Code: NUR 101 (Not equivalent without NUR105C/105L)

Pre-requisite: NUR 103, NUR 104, NUR 104L, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

Co- Requisites: NUR 105C/105L & ENG 206, BIO 205, BIO 205L, NUR 105C, NUR 105L, NUR 106

NUR 105C Fundamental Health Concepts- Clinical/Simulation **3 Credits**

The Nurse of the Future Nursing Core Competencies (NOFNCC) is used as a framework for building nursing knowledge and critical thinking to the application of patient centered nursing care. Students will incorporate steps of the nursing process when completing the required minimum of 90 hours of clinical practice in a variety of health settings. Student are expected to exhibit professionalism in the simulation, and clinical settings as evidenced by self-direction, self-awareness, responsibility, and respect for others. The clinical course is graded on a Pass/Fail rubric with all clinical assignments needing to be completed for a student to pass the clinical course. In addition to clinical assignments, attendance and performance in the clinical setting will be considered as part of the clinical evaluation.

Students must successfully complete all related didactic lab and clinical/sim requirements in all sections of this course to pass this course.

Previous Course Code: NUR 101 (Not equivalent without NUR105/105L)

Pre-requisite: NUR 103, NUR 104, NUR 104L, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

Co- Requisites NUR 105, NUR 105L & ENG 206, BIO 205, BIO 205L, NUR 105, NUR 105L, NUR 106

NUR 105L Fundamental Health Concepts- Skills Laboratory **1 Credit**

The Nurse of the Future Nursing Core Competencies (NOFNCC) is used as a framework to apply new nursing knowledge, skills and attitudes using critical thinking when practicing, ethical, legal, and standards-based patient centered care. Students are required to demonstrate entry level practice competencies prior to performing a nursing procedure in the clinical and/or simulation settings. Student are expected to exhibit professionalism in the skills lab, as evidenced by self-direction, self-awareness, responsibility, and respect for others.

Students must successfully complete all related didactic lab and clinical/sim requirements in all sections of this course to pass this course.

Previous Course Code: NUR 101 (Not equivalent without NUR105/105C)

Pre-requisite: NUR 103, NUR 104, NUR 104L, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

Co- Requisites: NUR 105, NUR 105C & ENG 206, BIO 205, BIO 205L, NUR 105, NUR 105C, NUR 106

NUR 106 Pharmacology **2 Credits**

This course is built upon the framework of the Nurse of the Future Nursing Core Competencies (NOFCC) with a focus on accountability, safety, and quality as they relate to safe medication administration. Drug classification, principles of pharmacodynamics and pharmacokinetics, drug actions and interactions, and environmental factors in safe medication administration are introduced. Connections are made between the nursing process, patient-centered care, and the nurse's role in safely administering medications. Active learning strategies will include application of clinical and medication calculations, and concept maps, case studies, and opportunities for hands-on practice.

Pre-Requisites: NUR 103, NUR 104, NUR 104L, BIO 204, BIO 204L ENG 102, CIS 103, MAT 107

Co-Requisites: ENG 206, BIO 205, BIO 205L, NUR 105, NUR 105C, NUR 105L

***NUR 115 P2: An Introduction to Pharmacology and Pathophysiology**

4 Credits

This course introduces students to the role and responsibilities of Registered Nurse relating to medication in clinical settings. The relationship of pharmacological and parenteral therapies to pathophysiology will be used as the context for understanding the nurse's role in medication administration. Areas of focus include pharmacokinetics and pharmaco-dynamics through investigation of drug classifications, applications and implications to adult, elderly, maternity, pediatric and mental health patients from various ethnic backgrounds. Students will build on previous knowledge of QSEN, (Quality and Safety Educations for Nurses), core competencies as they integrate concepts of patient centered-care, teamwork and collaboration, evidence-based practice, quality improvement safety and informatics into the care and management of patients receiving pharmaco-therapeutic agents.

Pre-Requisite: NUR 101 - Fundamentals of Nursing

***Discontinued Course (Spring2021): See NUR106/212/213/214/222**

NUR 200 Maternity Child Health

7 Credits

This course builds on the content of previous required courses. It focuses on the delivery of quality, safe, care to the maternity and pediatric population in a variety of settings. Students will be guided on a journey from maintenance of wellness, through complications and appropriate interventions. The common conditions of childhood will be addresses together with contraception, conception, and care of prenatal, intrapartum, and postpartum patients. During the clinical experience students will have the opportunity to apply their learning in a variety of practice settings covering both inpatient and community nursing care. Instructors will provide appropriate guidance and support, steering the students towards success.

Pre-Requisite: NUR 101 - Fundamentals of Nursing

NUR 210 Medical Surgical Nursing I

7 Credits

This course will focus on understanding applying theory within the Nursing Role, Communication principles, Evidence-Based Practice



and Patient Centered Care concepts for common chronic and acute pathophysiologies to expand Nursing Knowledge for adult and older adult/geriatric medical surgical patients. Content builds upon previous nursing and non-nursing course concepts. Material is based on the complexity of relationships between the patient, healthcare needs condition(s), diagnostic tests, nursing and medical interventions, medications and the uniqueness of the concept of wellness in the individual. Students will continue to build upon previous knowledge, skills and experiences in the areas of health promotion, emotional supports and patient teaching. Experiential learning in the simulation/nursing skills laboratory setting ensures that all students participate in common medical surgical patient care scenarios. New nursing skills appropriate to the medical surgical setting will be introduced in the laboratory setting. Practicum: With appropriate supervision and support students will apply their learning to adult and older adult/geriatric patients in medical surgical clinical settings. Students will provide care to meet the complex nursing needs of each assigned patient. Students will apply increasing levels of knowledge, skills, critical thinking and principles of personal organization and prioritization.

Pre-Requisite: NUR 101 - Fundamentals of Nursing

Pre-Requisite: BIO 202A - Anatomy and Physiology II

NUR 212 Pharmacology I

1 Credit

This course continues to build upon developing clinical judgement by utilizing the Nurse of the Future Nursing Core Competencies (NOFCC) framework to integrate the nursing process, critical thinking, organizational and prioritization skills, and interprofessional collaboration to safe medication administration. Students will explore drug indications, modes of action, effects, contraindications and interactions for selected drugs for the adult and older adult patients in the acute care setting.

Pre-Requisites: ENG 206, BIO 205, BIO 205L, NUR 105, NUR 105C, NUR 105L, NUR 106,

Co-Requisites: NUR 211, NUR 211L, NUR 211C, BIO 206, BIO 206L, NUR 213

NUR 213 Pathophysiology

2 Credits

In this course, the learner will examine the functional changes in cells, tissues and organs altered by disease and/or injury. Using a case study approach, the learner will explore how pathophysiology bridges the basic sciences with clinical nursing practice. Emphasis will be placed on how understanding pathophysiology processes. The learner will study the influences of genetic, ethnic, and cultural variables on human diseases which explain clinical signs and symptoms. This knowledge promotes patient centered care and supports the application of clinical reasoning.

Pre-Requisites: ENG 206, BIO 205, BIO 205L, NUR 105, NUR 105C, NUR 105L, NUR 106,

Co-Requisites: NUR 211, NUR 211L, NUR 211C, BIO 206, BIO 206L, NUR 212

NUR 214 Pharmacology III

1 Credit

This course expands clinical judgement, as it applies to safe medical administration in the care of childbearing families, pediatric patients, and patients across the mental health continuum through the use of nursing knowledge integrated with the Nurse of the Future Nursing Core Competencies (NOFCC) Students will implement the nursing process using clinical reasoning to medication administration

including, identifying risk, responses to risk, and to actual medication errors. The emphasis will be on patients across the life span including, the childbearing family, pediatric patient, and mental health patients.

Pre-Requisites: NUR 211, NUR 211L, NUR 211C, BIO 206, BIO 206L, NUR 212, NUR 213

Co-Requisites: NUR 216, NUR 216C, NUR 218, NUR 218C, SOC 210, PSY 208

NUR 215 Mental Health Nursing

5 Credits

This course focuses on mental health nursing care for the adult and elder population. Major DSM V diagnoses will be studied together with current treatments and therapies to expand nursing knowledge through a broader understanding of nursing role, principles of therapeutic communication, applications of evidence-based practice and patient centered care concept for this population. The mental health practicum will take place in inpatient or outpatient settings and will focus on hope and recovery (psychosocial rehabilitation.) Students will work with therapeutic and/or support groups.

Pre-Requisite: NUR 101 - Fundamentals of Nursing

*NUR 217 Nursing Trends

2 Credits

This capstone course combines nursing leadership and management with politics, policies, and professionalism. Students will explore current nursing trends, ethical and professional issues from the perspective of the history of the profession and the provision of quality healthcare. Job search, applications and interviewing will be the subject of group activities.

Pre-Requisite: NUR 215 - Mental Health Nursing

Co-Requisite: NUR 220 - Medical Surgical Nursing II

***Discontinued Course (Spring2021): See NUR 224/225**

*NUR 220 Medical Surgical Nursing II

7 Credits

Theory/Clinical/Lab: This final medical surgical nursing course will focus on understanding and applying theory within the Nursing Role, Communication principles, and Evidence-Based Practice and Patient Centered Care concepts to complex pathophysiology to expand Nursing Knowledge in the provision of safe nursing care to adult and elderly patients with multiple chronic and/or acute conditions. Content builds upon previous nursing and non-nursing course concepts. Focus is on multifaceted needs, participation in the interdisciplinary healthcare team and organization and prioritization. Experiential learning takes place in the simulation/nursing skills laboratory setting and is designed to ensure practice opportunities that may not be available to every student in the clinical setting. Practicum: This clinical component seeks to prepare students for transition into entry-level practice as registered nurses.

Pre-Requisite: NUR 210 & BIO 203A

Co-Requisite: NUR 217 - Nursing Trends

***Discontinued Course (Spring2021): See NUR223/223C/223L**



NUR 222 Pharmacology IV

1 Credit

This course expands clinical judgement, as it applies to safe medical administration, in the care of the adult and older adult patients with more complex health needs, through the use of nursing knowledge integrated with the Nurse of the Future Nursing Core Competencies (NOFCC). Students will implement the nursing process using clinical judgement while identifying risk and potential responses to error in the delivery of medications in the acute care setting. Just Culture, preventing medication errors in a more complex setting, and delivery of medications requiring more complex technology.

Pre-Requisites: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co-Requisites: NUR 223, NUR 223L, NUR 223C, NUR 224, NUR 225

NUR 223 Advanced Health and Illness Concepts

3 Credits

This course expands nursing knowledge and clinical judgment to the principles of accountability and advocacy consistent with legal, ethical, and standards-based practice. The Nurse of the Future Nursing Core Competencies (NOFNCC) are the framework for nursing care to adults and older adults' patients with more complex health needs. Knowledge of pathophysiology, and interpretation of related diagnostic test results will be applied to the nursing care to adult and older adult patients with multiple chronic and/or more acute complex health conditions. Nutrition and related pharmacological therapies are integrated. Leadership skills are integrated within the nursing role and responsibilities for teamwork, interprofessional and systems-based practice, decision making, delegation, supervision, and prioritization in the setting of caring for multiple patients.

Previous Course Code: NUR 220 (Not equivalent without NUR 223C/223L)

Pre-requisite: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co-Requisites: NUR 223C, NUR 223L, NUR 222, NUR 224, NUR 225

NUR 223C Advanced Health and Illness Concepts Clinical/Simulation

3 Credits

The Nurse of the Future Nursing Core Competencies (NOFNCC) is used as a framework for expanding nursing knowledge and clinical judgement to the application of patient centered nursing care. Students are required to complete a minimum of 90 hours of clinical practice providing coordinated care to adults and older adults with more complex health needs in the clinical and simulation settings. Students will demonstrate clinical judgement that improves patient outcomes using identified data from quality improvement and safety initiatives on the work unit or in simulation. Clinical practice and simulation will focus on the role and responsibilities of the nurse as students transition to novice nurse practice. The clinical course is graded on a Pass/Fail rubric with all clinical assignments needing to be completed for a student to pass the clinical course. In addition to clinical assignments, attendance and performance in the clinical setting will be considered as part of the clinical evaluation. Students must successfully complete all related didactic and clinical/sim requirements in all sections of this course to pass the course.

Previous Course Code: NUR 220 (Not equivalent without NUR 223/223L)

Pre-requisite: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co-Requisites: NUR 223, NUR 223L, NUR 222, NUR 224, NUR 225

NUR 223L Advanced Health and Illness Concepts Laboratory Practice

1 Credit

The Nurse of the Future Nursing Core Competencies (NOFNCC) is used as a framework for expanding nursing knowledge and clinical judgement to the application of patient centered nursing care. Students are required to complete a minimum of 30 hours of laboratory practice demonstrating care to adults and older adults with more complex health needs. Students will have opportunities to practice and refine more complex nursing skills, while demonstrating increasing competencies, and readiness to transition to the novice nurse role based on the Nurse of the Future Nursing Core Competencies (NOFNCC). The clinical course is graded on a Pass/Fail rubric with all clinical assignments needing to be completed for a student to pass the clinical course. In addition to clinical assignments, attendance and performance in the clinical setting will be considered as part of the clinical evaluation. Students must successfully complete all related didactic and clinical/sim requirements in all sections of this course to pass the course.

Previous Course Code: NUR 220 (Not equivalent without NUR 223/223C)

Pre-requisite: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co-Requisites: NUR 223, NUR 223C, NUR 222, NUR 224, NUR 225

NUR 224 Preparing for Professional Practice

2 Credits

This course integrates the Nurse of the Future Nursing Core Competencies (NOFNCC) to theories, principles of nursing leadership and management, politics, and healthcare policies. Students will more deeply explore current nursing trends, legal, ethical and professional issues from the perspective of providing safe quality evidenced based collaborative care. Nursing licensure policies and procedures are studied. Nursing role and responsibilities of accountability, advocacy, informed consent, delegation and supervision are more completely addressed. Nursing research, research types and methods are discussed. Students will have an opportunity to provide evidence emerging clinical judgment through reflective writing, case studies and a research project.

Previous Course Code: NUR 217 (Not equivalent without NUR 225)

Pre-requisite: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co Requisites: NUR 223, NUR 223C, NUR 223L, NUR 222, NUR 225

NUR 225 Preparing for NCLEX –RN

1 Credit

Students will participate in the ATI Capstone course, including content mastery, a live review and ongoing virtual content review. Satisfactorily meeting all ATI course benchmarks and completing all ATI course assignments is a requirement for graduation from the ADN program. Student are required to complete all components of the review, according to the ATI Capstone agreement. The ATI Capstone Content Review will include content assessment, remediation and final proctored assessments



that provide additional resources and information to guide students to NCLEX-RN readiness. The grade for this course will be determined by completion of all assignments, student engagement and participation in the course.

Previous Course Code: NUR 217 (Not equivalent without NUR 224)

Pre-requisite: NUR 216, NUR 216C, NUR 214, NUR 218, NUR 218C, SOC 210, PSY 208

Co-Requisites: NUR 223, NUR 223C, NUR 223L, NUR 222, NUR 224

NUR 300 Nurse of the Future

3 Credits

This course explores the contemporary health care delivery system, professional nursing practice and IOM Nurse of the Future concepts. Students will integrate knowledge from Clinical Practice and previous education to explore health care system quality and safety, evidenced-based practice, technology, informatics. In addition, the nurse's role in healthcare reform, leadership, collaborative practice, and ongoing professional education advancement will be explored. This course examines the relationships between quality of care, cost of care, and safety as well as the regulatory effects on patient care and cost. Students will develop skills to address relevant issues within today's health care delivery system. Healthcare informatics is explored and the effects of nursing informatics on effective communication and safety will be analyzed.

NUR 302 Transition in Nursing

1 Credit

This is an introductory bridge course that provides the Associate Degree prepared nurse core theories and related concepts which will facilitate the transition of student into baccalaureate nursing curriculum. This course introduces the student to key concepts for baccalaureate success including the AACN Essentials of Baccalaureate for Professional Nursing Practice, Quality and Safety in Nursing Education Competencies and Nurse of the Future. Examples include review of key policies, introduction and review of scholarly work, introduction to evidence-based practice and interprofessional development.

NUR 315 Advanced Health and Physical Assessment

3 Credits

The focus of this course is advanced nursing health assessment, health promotion, health prevention, disease management with emphasis on adult patients. The students will advance their assessment techniques, develop, practice, and learn interviewing skills, health history-taking methods, physical and psychosocial examination skills, and health promotion techniques. Critical thinking skills and communication principle will be exercised as the student uses QSEN, Nurse of the Future, systems theory, and nursing process to gather biological, psychological, spiritual, and cultural data upon which therapeutic nursing intervention can be planned. Knowledge of the sciences and liberal arts will form the basis for the effective collection and analysis of client information. Focus will be placed on integration of knowledge and skills to provide recommendations for cost effective and efficient Health Care interventions. Also, a focus will be placed on nursing accountability and responsibility as the student applies nursing theory within various health care settings, which will serve to maintain, restore, or reorganize health or to support death with dignity. The topic of delegation in relation to health assessment will be discussed. Computer informatics will be used as a source of current information concerning health assessments as a medium for documentation.

NUR 321 Healthcare of the Older Adult

3 Credits

NUR 321 has students build upon previous knowledge, skills and experience and further develop in the areas of health promotion, compassionate care and patient teaching in relation to the older adult. The nursing role, relevant nursing practice interventions, communication principles, collaboration, evidence-based practice and patient centered care concepts for illness prevention, common chronic and acute illnesses and health education will be examined. Course content will include tools for Assessing the older adult's aging pattern and functional status; coordination and management of chronic and acute conditions, information about geriatric syndromes and unique presentations of common diseases in older adults; analysis of risks and benefits of care decisions; identification of unique safety risk factors related to changes in physical, sensory, and psychosocial of the older adult. End of life will be addressed as it relates to diverse populations; social and cultural factors; health policy; and patient/family-focused compassionate care.

Course Equivalent: NUR 320

NUR 326 Community and Public Health Nursing

3 Credits

NUR 326 provides students with an overview of the role of the nurse, as part of an interprofessional team, in community and public health nursing. Physical, socio-economic, and environmental factors affecting public health is explored. The role of the professional nurse in health promotion, disease prevention, and management of chronic health problems in community settings is examined. Nursing and public health concepts will provide a theoretical base for the care of families, aggregates, communities, and populations. An online simulation program will be used to augment the course material. This course will be followed by a

practicum in a community setting.

Course Equivalent: NUR 325

NUR 327 Community and Public Health Nursing Practicum/Seminar

2 Credits

NUR 327 provides the student with an opportunity to apply nursing and public health concepts to families, aggregates, communities, and populations. The practicum will consist of 45 hours spread out over 8 weeks. There will be an online seminar component to assist the student with integrating new material and meeting the learning objectives

**Pre-Requisite: NUR 301 - Transition in Nursing And
Pre-Requisite: NUR 326 - Community and Public Health
Nursing And**

Co-Requisite: NUR 495 - Nursing Capstone

NUR 421 Evidence Based Practice in Nursing

3 Credits

NUR 421 provides the student with the knowledge of the research process and the significance of evidence-based nursing research within nursing practice and education. Qualitative, quantitative, and mixed research methodologies will be explored, in addition to research designs and methods. Students will learn to retrieve research studies, determine credibility of sources, and determine the relevance of the information to nursing practice. Students will



learn the nurse's role in research, the process for bringing new knowledge and skills into various clinical practice settings as well as ethics and laws protecting human subjects.

Course Equivalent: NUR 420

NUR 430 Nursing Informatics

3 Credits

NUR 430 focuses on concepts related to informatics in nursing practice. Nursing informatics combines knowledge and skills from the field of nursing, computer science, and information technology. Students will explore nurses' roles in providing safe patient-centered care in the environment of advancing technology as it relates to the management and communication of data. Students will examine different health information systems as they relate to the nursing process, safe medication administration, and privacy and security. The role of informatics in quality improvement patient outcomes will be examined.

NUR 450 Nursing Leadership, Management, and Policy **3 Credits**

NUR 450 focuses on the functions of leadership and management within the health care environment. Leadership qualities such as communication skills and professionalism are examined. Legal, regulatory and professional standards related to quality health care in nursing practice are presented. Leadership and organizational behavior theories are explored. Content includes financial management, change processes, team building, outcome measurement, and performance evaluation. Students will examine and debate current health care policies and legislation. An online simulation program will be used to augment the course material. This course will be followed by a practicum.

Course Equivalent: NUR 480

NUR 451 Nursing Leadership, Management, and Policy Practicum/Seminar

2 Credits

NUR 451 provides the student with an opportunity to apply nursing leadership knowledge and skills in a clinical setting. The practicum will consist of 45 hours spread out over 8 weeks. There will be an online seminar component to assist the student with integrating new material and meeting the learning objectives.

Pre-Requisite: NUR 450 - Nursing Leadership, Management, and Policy And

Pre-Requisite: NUR 301 - Transition in Nursing And Co-Requisite: NUR 495 - Nursing Capstone

NUR 490 Capstone

3 Credits

As a culminating experience, the student will focus on synthesis and integration of concepts of nursing knowledge relevant to their scope of practice and leadership and management skills. Students will synthesize and apply acquired knowledge from the Nursing Program. The focus of the course will be the development of a Quality Improvement Project, which the student identified during clinical courses (NUR 320 or 325). The student will write a scholarly paper, with faculty guidance, which includes analysis, evidence-based best practice, and potential solutions.

NUR 495 Nursing Capstone

1 Credit

NUR 495 focuses on students' preparation and submission of a comprehensive portfolio documenting educational, professional and life experiences. This course is taken in conjunction with the last course of the program. Must have Department Chair's permission.

Pre-Requisite: NUR 301 - Transition in Nursing And

Co-Requisite: NUR 327 - Community and Public Health Nursing Practicum/Seminar And

Co-Requisite: NUR 451 - Nursing Leadership, Management, and Policy Practicum/Seminar

OTA 100 Introduction to Occupational Therapy Assistant

3 Credits

During this course the student will be introduced to: the history, theory and philosophical basis of occupational therapy; the Occupational Therapy Code of Ethics and Standards of Practice; the roles of occupational therapy organizations; the difference between an occupational therapist and occupational therapy assistant and their supervisory relationship; federal and state legislation and the impact on populations and the practice of occupational therapy; and liabilities issues regarding care delivery.

Test Placement: Acceptance into OTA Program = Yes And

Co-Requisite: BIO 201A - Anatomy and Physiology I And

Co-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice

OTA 101 Fundamentals of Occupation Therapy Assistant Practice

4 Credits

During this course the student will be introduced to: medical terminology; the SOAP note and current documentation software; the nature of occupation and its role in performance of daily life, health and wellness; fundamental physical interventions (including range of motion, manual muscle testing; and mobility); the role of the four senses as well as perception and cognition and their impact on occupation; vital signs; universal precautions; and the principles of teaching learning process.

Test Placement: Acceptance into OTA Program = Yes And

Co-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Co-Requisite: BIO 201A - Anatomy and Physiology I

OTA 121 Therapeutic Media for the OTA

4 Credits

During this course this course the student will be introduced to: the areas of occupation as defined in The Occupational Therapy Practice Frameworks; the activity analysis process; the steps to develop client-centered activity analysis; and the use of various forms of media to safely promote occupation, health and wellness.

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Co-Requisite: OTA 210 - Principles and Applications in Mental



Health for the OTA And
Co-Requisite: OTA 141 - OTA Level I Fieldwork I And Co-
Requisite: OTA 220 - Group Skills for the OTA

OTA 122 Principles and Applications in Pediatric Care for the OTA

4 Credits

During this course the student will be introduced to: occupational therapy theories and philosophies related to pediatric care delivery; typical child and adolescent development; common pediatric conditions and their impact on occupation, health and wellness; factors that impact pediatric care delivery; the process of data collection in collaboration with the occupational therapist; the skills required to communicate and coordinate care with the patient, caregivers and members of the healthcare team; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the use of therapeutic use of self; the principles of the teaching learning process; documentation interventions that supports the rationale for occupational therapy services; and scholarly research related to evidenced-based pediatric practice.

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And
Co-Requisite: OTA 123 - Clinical Pathology for the OTA And
Co-Requisite: PSY 208 - Human Lifespan Development And
Co-Requisite: BIO 202A - Anatomy and Physiology II

OTA 123 Clinical Pathology for the OTA

3 Credits

During this course the student will be introduced to: terminology used to describe pathophysiology; the etiology, signs, symptoms, treatment, and occupational therapy implications for diseases (including cardiopulmonary, endocrine, gastrointestinal, reproductive, hematological, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous and renal systems); common medical and surgical conditions commonly seen in occupational therapy; normal and abnormal lab values of specific diagnosis and their significance to occupational therapy care delivery; and scholarly research related the treatment of common medical and surgical conditions seen in occupational therapy.

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And
Co-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And
Co-Requisite: PSY 208 - Human Lifespan Development And Co-
Requisite: BIO 202A - Anatomy and Physiology II

OTA 141 OTA Level I Fieldwork I

1 Credit

The AOTA Standards describe the goal of Level I Fieldwork "to introduce students to the fieldwork experience and develop a basic comfort level with an understanding of the needs of clients." Level I Fieldwork is not intended to develop independent performance, but to "include experiences designed to enrich didactic coursework through

directed observation and participation in selected aspects of the occupational therapy process."

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Co-Requisite: OTA 121 - Therapeutic Media for the OTA And

Co-Requisite: OTA 220 - Group Skills for the OTA And

Co-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA

OTA 142 OTA Level I Fieldwork II

1 Credit

The AOTA Standards describe the goal of Level I Fieldwork "to introduce students to the fieldwork experience and develop a basic comfort level with an understanding of the needs of clients." Level I Fieldwork is not intended to develop independent performance, but to "include experiences designed to enrich didactic coursework through directed observation and participation in selected aspects of the occupational therapy process."

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 121 - Therapeutic Media for the OTA And

Pre-Requisite: OTA 220 - Group Skills for the OTA And

Pre-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: OTA 141 - OTA Level I Fieldwork I And

Co-Requisite: OTA 240 - Principles and Applications of Physical Disabilities for the OTA And

Co-Requisite: OTA 230 - Principles and Applications in Geriatric Care for the OTA

OTA 210 Principles and Applications in Mental Health for the OTA

4 Credits

During this course the student will be introduced to : the occupational therapy theories and philosophies related to mental health care delivery; common mental health disorders and their impact on occupation, health and wellness; the factors that impact mental health care delivery; the process of data collection in collaboration with the occupational therapist; the skills required to communicate and coordinate care with the patient, caregivers and members of the healthcare team; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the use of therapeutic use of self; the principles of the teaching learning process ; documentation



interventions that supports the rationale for occupational therapy services; and scholarly research related to evidenced-based mental health practice.

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And
Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And
Pre-Requisite: PSY 208 - Human Lifespan Development And
Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And
Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And
Co-Requisite: OTA 220 - Group Skills for the OTA And
Co-Requisite: OTA 121 - Therapeutic Media for the OTA And
Co-Requisite: OTA 141 - OTA Level I Fieldwork I

OTA 220 Group Skills for the OTA

4 Credits

During this course the student will be introduced to: the occupational therapy theories and philosophies related to the group process; the foundations of group work; the factors that impact occupational therapy care delivery in the group setting; the skills required to communicate and coordinate care with the patient, caregivers and members of the healthcare team; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the therapeutic skills to affectively facilitate the group process; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the use of therapeutic use of self; the principles of the teaching learning process; and documentation interventions that supports the rationale for occupational therapy services.

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And
Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And
Pre-Requisite: PSY 208 - Human Lifespan Development And
Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And
Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And
Pre-Requisite: BIO 201A - Anatomy and Physiology I And
Pre-Requisite: BIO 202A - Anatomy and Physiology II And
Co-Requisite: OTA 121 - Therapeutic Media for the OTA And
Co-Requisite: OTA 141 - OTA Level I Fieldwork I And
Co-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA

OTA 230 Principles and Applications in Geriatric Care for the OTA

3 Credits

During this course the student will be introduced to: the occupational therapy theories and philosophies related to the treatment of the geriatric population; the normal aging process; common geriatric conditions and their impact on occupation, health and wellness; the factors that impact geriatric care delivery; the skills required to communicate and coordinate care with the patient, caregivers and members of the healthcare team; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the use of therapeutic use of self; the principles of the teaching learning process; documentation interventions that supports the rationale for occupational therapy services; and scholarly research to aid in evidenced-based geriatric practice.

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA And

Pre-Requisite: OTA 141 - OTA Level I Fieldwork I And

Pre-Requisite: OTA 121 - Therapeutic Media for the OTA And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 220 - Group Skills for the OTA And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Co-Requisite: OTA 240 - Principles and Applications of Physical Disabilities for the OTA And

Co-Requisite: OTA 142 - OTA Level I Fieldwork II

OTA 240 Principles and Applications of Physical Disabilities for the

OTA 4 Credits

During this course the student will be introduced to: the occupational therapy theories and philosophies related to the treatment of physical disabilities; common physical diseases and conditions and their impact on occupation, health and wellness; the factors that impact care delivery of patients with physical disabilities; the process of data collection in collaboration with the occupational therapist; the skills required to communicate and coordinate care with the patient, caregivers and members of the healthcare team; the use of clinical reasoning to facilitate occupation-based interventions in collaboration with the occupational therapist; the use of therapeutic use of self; the principles of the teaching learning process; and documentation interventions that supports the rationale for occupational therapy services.

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 121 - Therapeutic Media for the OTA And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA And

Pre-Requisite: OTA 220 - Group Skills for the OTA And

Pre-Requisite: OTA 141 - OTA Level I Fieldwork I And Co-

Requisite: OTA 142 - OTA Level I Fieldwork II And

Co-Requisite: OTA 230 - Principles and Applications in Geriatric Care for the OTA

OTA 260 OTA Level II Fieldwork

I 6 Credits

This course provides students with an unpaid affiliation in a clinic setting, performing the delivery of occupational therapy services within the scope of the occupational therapy assistant's role and responsibilities, under the supervision of a qualified occupational therapist or occupational therapy assistant. The student must complete eight (8) weeks on a full-time basis. The supervisor will



evaluate the student's clinical competency for entry-level practice including but not limited to professional behavior, critical thinking, and the use of occupation-based interventions using the AOTA Level II Fieldwork Evaluation form for the Occupational Therapy Assistant Student.

Pre-Requisite: OTA 142 - OTA Level I Fieldwork II And

Pre-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: OTA 141 - OTA Level I Fieldwork I And

Pre-Requisite: OTA 121 - Therapeutic Media for the OTA And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 240 - Principles and Applications of Physical Disabilities for the OTA And

Pre-Requisite: OTA 220 - Group Skills for the OTA And

Pre-Requisite: OTA 230 - Principles and Applications in Geriatric Care for the OTA And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: BIO 201A - Anatomy and Physiology I

OTA 261 OTA Level II Fieldwork II **6**

Credits

This course provides students with their second unpaid affiliation in a clinic setting, performing the delivery of occupational therapy services within the scope of the occupational therapy assistant's role and responsibilities, under the supervision of a qualified occupational therapist or occupational therapy assistant. The student must complete eight (8) weeks on a full-time basis. The supervisor will evaluate the student's clinical competency for entry level practice including but not limited to professional behavior, critical thinking, and the use of occupation-based interventions using the AOTA Level II Fieldwork Evaluation form for the Occupational Therapy Assistant Student.

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: OTA 101 - Fundamentals of Occupation Therapy Assistant Practice And

Pre-Requisite: OTA 100 - Introduction to Occupational Therapy Assistant And

Pre-Requisite: PSY 208 - Human Lifespan Development And

Pre-Requisite: OTA 230 - Principles and Applications in Geriatric Care for the OTA And

Pre-Requisite: OTA 240 - Principles and Applications of Physical Disabilities for the OTA And

Pre-Requisite: OTA 122 - Principles and Applications in Pediatric Care for the OTA And

Pre-Requisite: OTA 121 - Therapeutic Media for the OTA And

Pre-Requisite: OTA 141 - OTA Level I Fieldwork I And

Pre-Requisite: OTA 123 - Clinical Pathology for the OTA And

Pre-Requisite: OTA 210 - Principles and Applications in Mental Health for the OTA And

Pre-Requisite: OTA 142 - OTA Level I Fieldwork II And Pre-

Requisite: OTA 220 - Group Skills for the OTA

PHI 100 Introduction to Philosophy **3**

Credits

The aim of this course is to introduce the student to some of the central problems discussed by prominent philosophers of the ancient and more recent past, to critically examine fundamental beliefs and concepts, and to develop in the student an interest and ability in thinking philosophically, expressing such thought clearly, comprehending philosophical works and positions, and reasoning intelligently about pivotal questions.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

PHI 201 Introduction to Ethics **3**

Credits

In our everyday life, ethical questions arise that require us to determine what is right and how we should respond or act. At a deeper level, philosophy has attempted to answer questions about the essential nature of moral rightness or moral wrongness. This course will introduce students to this area of inquiry and influential answers provided by well-known philosophers. Additionally, students will examine a pluralistic approach to moral theory and how it might be applied to concrete areas of debate including bioethics, just wars and the environment.

Pre-Requisite: ENG 102 - English II

Course Equivalent: PHI 103

POL 101 Political Science: U.S. Government

3 Credits

This course will introduce students to the fundamental institutions, concepts and workings of the United States government and the American political process. Students will become familiar with the structure and complexities of the political system as well as an understanding of the major political principles, concepts, themes and the relationship between public interests and attitudes and the actions taken by their representative. This course is designed to stimulate the student's interest in, discussion of and participation in the American political system.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

POL 300 Terrorism

3 Credits

This course will explore the fundamental elements that, combined, justify people as terrorists and actions as terrorism. Students will explore both domestic and international terrorist groups and events, motivations, and government response. Emphasis will be placed on public policy implications associated with the challenges of protecting a nation-state against terrorist organizations and activities.

Minimum Credits Required:45.00



POL 400 Resiliency and Sustainability **3 Credits**

Since the events of 9/11 and changes to our environment, such as climate change and population growth, our world has become one of extreme, evolving, and fractured events. This has led to a greater focus on being resilient by preparing to mitigate and recover from events to maintain some degree of long term stability and sustainability. Additionally, intense focus has been placed on the nexus between resilient and sustainable development in countering violent extremism. This course will explore these areas and help students understand both the theoretical and practical as they relate to policy and activities undertaken on a local, national, and international level.

Minimum Credits Required:60.00

PSY 101 Psychology
3 Credits

This course provides an introductory survey to the discipline of psychology - the study of human behavior. Emphasis is placed on the following topics: understanding the major theoretical viewpoints of psychology; the process of human growth and development - biological, emotional, intellectual, and social; personality development; and patterns of normal and abnormal behavior.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 101

PSY 201 Abnormal Psychology
3 Credits

This course provides an in-depth study of the wide range of ways in which personality and behavior may become disordered. Selected clinical syndromes are reviewed, including neuroses/anxiety disorders, character or personality disorders, schizophrenia, and clinical depressive disorders. Selected therapeutic issues and evidence and theories concerning treatment alternatives are studied.

Pre-Requisite: PSY 101 - Psychology

PSY 205 Addiction and Society
3 Credits

This course focuses on the study of how a variety of substances in society may lead to the development of addictive behavior in men and women. The addictive process and current theories are investigated, including principles of individual differences, behavior consistence, and the influence of biological and sociocultural variables upon substance-using behavior. A variety of addictions are reviewed, including, but not limited to, alcohol, illicit drugs, gambling, eating, and smoking.

Pre-Requisite: PSY 101 - Psychology

PSY 208 Human Lifespan Development
3 Credits

This course provides a detailed review of child, adolescent, and adult development from conception to death. The following objectives are emphasized: (1) normal development milestones; (2) physical, cognitive, emotional, and social development; (3) common disabling

conditions across the lifespan; and (4) factors influencing development such as cultural norms, family structure, education, socioeconomic status, wellness, geographical and housing location, and social/institutional structures. Special attention is given to sensory, perceptual, and motor development as the foundations for mature cognition, social skills, and emotional attachments.

Pre-Requisite: ENG 099A - Basic English for College Or

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Pre-Requisite: NUR 100 - Introduction to Nursing Concepts Or

Pre-Requisite: PSY 101 - Psychology Or

Test Placement: English Placement >= 101

Course Equivalent: PSY 207

PSY 210 Creativity and Madness
3 Credits

This course will explore the link between art, the people who create it, and mental illness and addiction. Students will explore the works of writers, musicians, designers, thespians, and visual artists while contemplating the date which supports the theory that artists are predisposed to psychological and mental health concerns. This course will focus on how we, as industry professionals, can best prepare for working with artists in our field.

Pre-Requisite: PSY 101 - Psychology Or

Pre-Requisite: SOC 101 - Sociology

PSY 240 Psychology of Fashion
3 Credits

The Psychology of Fashion examines the importance of dress and its influence on human behavior. Topics include the cultural, social, psychological, economic, and aesthetic impacts of clothing to today's society. Concepts and theories from social psychology will be used to study how dress reflects self-concept, establishes social identities, and affects interpersonal encounters.

PSY 301 Media Psychology
3 Credits

This course examines the effects of the media (radio, television, movies, Internet, social interaction media such as Facebook and Twitter, blogs, texting, newspapers...) on society today. The course discusses these effects on children, relationships, mental and physical health and general societal behavior. It will also examine women, minorities and elderly presentations in the media. Students will learn about various psychological theories that explain how we relate to and are influenced by media. The course will discuss also topics related to how fashion, mental and physical health, violence, crime investigation and the judicial system are presented in the media and the consequences of these presentations. Students will also learn about the utilizations of psychology in advertising, fashion and movies.

Pre-Requisite: PSY 101 - Psychology And Pre-

Requisite: ENG 102 - English II

PTA 101A Introduction to Physical Therapy
4 Credits

This course introduces students to the history of physical therapy and its role in the health care system. Students are introduced to the physical therapy delivery system as well as discuss issues of insurance reimbursement, health care management, and



professional ethics. Basic physical therapy skills such as communicating with patients, body mechanics, bed mobility and positioning, transfer training, basic gait training, and range of motion exercises are covered in lecture and lab sessions. Wound and burn care concepts are explored. Students are introduced to the basics of physical therapy documentation. This course includes a 2 hour, 50 minute lab.

Co-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Co-Requisite: PTA 104 - PTA Seminar I And

Co-Requisite: BIO 201A - Anatomy and Physiology I

PTA 104 PTA Seminar I

1 Credit

This seminar assists the PTA student in applying didactic knowledge presented in the first semester of the PTA program to the practice of physical therapy utilizing current models of health care practice. A problem-based learning approach will be used to guide the student in developing critical thinking skills to synthesize information from Anatomy and Physiology, Soft Tissue Techniques and Modalities and the Introduction to Physical Therapy courses. Students will identify areas of academic and professional need and, develop, implement and assess their plan to meet those needs. Students begin to develop a Service Learning Project which will be continued throughout the seminar course series. All PTA first semester students are required to take this seminar course.

Co-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Co-Requisite: PTA 101A - Introduction to Physical Therapy And

Co-Requisite: BIO 201A - Anatomy and Physiology I

PTA 121A PT Assessment and Measurement

4 Credits

Students gain an understanding of the PT and PTA roles in patient assessment and its importance in guiding the provision of quality, cost-effective care. Students learn to assess the following: segmental length, girth and volume, vital signs, edema, skin condition, joint range (goniometry), sensation, reflexes, balance, posture, and pain. Assessment of home and work environments is also introduced. In addition, students gain further training and experience in documentation and prepare for the first clinical experience. This course includes a 2 hour, 50 minute lab.

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Pre-Requisite: PTA 101A - Introduction to Physical Therapy And

Pre-Requisite: PTA 104 - PTA Seminar I And

Co-Requisite: BIO 202A - Anatomy and Physiology II And

Co-Requisite: PTA 123A - Kinesiology And

Co-Requisite: PTA 124 - PTA Seminar II And

Co-Requisite: PTA 122 - Clinical Pathologies

PTA 122 Clinical Pathologies 3

Credits

This course introduces students to broad categories of diseases, disorders and injuries within the framework of the Guide to Physical Therapy Practice and the WHO Classification of functioning, disability and health. Students learn about disease processes and understand components of neuromuscular, musculoskeletal, integumentary,

cardiopulmonary, immunological, and general medical pathologies through the lifespan. Consideration of culture, gender and age is discussed.

Pre-Requisite: PTA 104 - PTA Seminar I And

Pre-Requisite: PTA 101A - Introduction to Physical Therapy And

Pre-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Co-Requisite: PTA 124 - PTA Seminar II And

Co-Requisite: PTA 123A - Kinesiology And

Co-Requisite: PTA 121A - PT Assessment and Measurement And

Co-Requisite: BIO 202A - Anatomy and Physiology II

PTA 123A Kinesiology

4 Credits

This course reviews anatomy of the extremities and spine with emphasis on muscle and nerve distributions. The course is designed to teach students joint and muscle function as they apply to human movement and musculoskeletal function. Kinesiology utilizes principles of mechanics, musculoskeletal physiology, and neuromuscular physiology. Students learn manual muscle testing as part of this course. This course includes a 2 hour, 50 minute lab.

Pre-Requisite: BIO 201A - Anatomy and Physiology I And

Pre-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Pre-Requisite: PTA 101A - Introduction to Physical Therapy And

Pre-Requisite: PTA 104 - PTA Seminar I And

Co-Requisite: BIO 202A - Anatomy and Physiology II And

Co-Requisite: PTA 121A - PT Assessment and Measurement And

Co-Requisite: PTA 124 - PTA Seminar II And

Co-Requisite: PTA 122 - Clinical Pathologies

PTA 124 PTA Seminar II

1 Credit

This seminar assists the PTA student in applying didactic knowledge presented in the second semester of the PTA program to the practice of physical therapy utilizing current models of health care practice. A problem-based learning approach will be used to guide the student in developing critical thinking skills to synthesize information from Anatomy and Physiology, Introduction to Physical Therapy, Kinesiology, PT Assessment and Measurement and Soft Tissues Techniques and Modalities courses. Students will identify areas of academic and professional need, develop, implement and assess their plan to meet those needs. Students continue to work on their Service Learning Project which will continue throughout the seminar course series. All PTA second semester students are required to take this seminar course.

Pre-Requisite: PTA 104 - PTA Seminar I And

Pre-Requisite: PTA 101A - Introduction to Physical Therapy And

Pre-Requisite: PTA 212A - Soft Tissue Techniques and Modalities And

Pre-Requisite: BIO 201A - Anatomy and Physiology I And Co-

Requisite: PTA 123A - Kinesiology And

Co-Requisite: BIO 202A - Anatomy and Physiology II And

Co-Requisite: PTA 121A - PT Assessment and Measurement And

Co-Requisite: PTA 122 - Clinical Pathologies



PTA 140 Clinical Experience**I 6 Credits**

This is the first of two clinical experiences required in the program. The Academic Coordinators of Clinical Education schedule students for a clinical experience location and time frame. The time frames for Clinical Experience I normally occur anytime during the summer months. Students are given the opportunity to apply skills and knowledge learned in the first two semesters of class and lab to a clinical setting. Students begin treating patients under appropriate clinical supervision. Clinical Experience I is a full-time experience of 8 weeks in duration.

Pre-Requisite: PTA 121A - PT Assessment and Measurement And

Pre-Requisite: PTA 123A - Kinesiology And

Pre-Requisite: BIO 202A - Anatomy and Physiology II And

Pre-Requisite: PTA 124 - PTA Seminar II And

Pre-Requisite: PTA 122 - Clinical Pathologies

PTA 212A Soft Tissue Techniques and Modalities**4 Credits**

Student are introduced to the biopsychosocial model of care and contemporary pain neurophysiology. They learn anatomical palpation, passive and dynamic stretching, and soft tissue manual therapy principles and application. Students learn soft tissue techniques such as massage and basic myofascial release. The course also covers the indications, contradictions, and application of modalities including ultrasound, electrical stimulation, thermal agents, traction, biofeedback, and hydrotherapy. Students gain skills in documentation related to the course content area. This course includes a 2 hour, 50 minute lab

Co-Requisite: BIO 201A - Anatomy and Physiology I And

Co-Requisite: PTA 104 - PTA Seminar I And

Co-Requisite: PTA 101A - Introduction to Physical Therapy

PTA 213A Musculoskeletal PT Intervention**4 Credits**

This course covers the physical therapy treatment of musculoskeletal conditions. Students learn the principles of therapeutic exercise within the context of a holistic patient plan. Emphasis is placed on the integration of exercise regimes into patient care plans for a variety of patient populations, including geriatric and pediatric. Concepts of orthotic and prosthetics use are explored in relationship to the patient with orthopedic, musculoskeletal conditions and lower extremity amputations. Students will learn and apply documentation skills necessary for thorough and defensible continuity of care. This course includes a 2 hour, 50 minute lab.

Pre-Requisite: PTA 140 - Clinical Experience I And

Co-Requisite: PTA 216A - Neuromuscular PT Intervention And

Co-Requisite: PTA 215A - Cardiopulmonary PT Intervention And

Co-Requisite: PTA 217 - Senior Seminar I

PTA 215A Cardiopulmonary PT Intervention**4 Credits**

This course covers physical therapy assessment and treatment of cardiac, vascular and pulmonary conditions. Students learn theories

of clinical assessment and management and the major therapeutic strategies and skills used in the treatment of patients with cardiopulmonary conditions. Students also learn documentation skills related to the course content area. This course includes a 2 hour, 50 minute lab.

Pre-Requisite: PTA 140 - Clinical Experience I And

Co-Requisite: PTA 217 - Senior Seminar I And

Co-Requisite: PTA 213A - Musculoskeletal PT Intervention And

Co-Requisite: PTA 216A - Neuromuscular PT Intervention

Course Equivalent: PTA 215/PTA 215L

PTA 216A Neuromuscular PT Intervention**4 Credits**

This course covers physical therapy treatment of neuromuscular conditions across the lifespan. Students learn theories of motor control and the major therapeutic strategies and skills used in the assessment and treatment of patients with neuromuscular conditions. Basic pediatric neurological/development treatment techniques are also covered. Students learn appropriate intervention techniques for all age populations. Students also learn documentation skills related to the course content area. This course includes a 2 hour, 50 minute lab.

Pre-Requisite: PTA 140 - Clinical Experience I And

Co-Requisite: PTA 213A - Musculoskeletal PT Intervention And

Co-Requisite: PTA 215A - Cardiopulmonary PT Intervention And

Co-Requisite: PTA 217 - Senior Seminar I

PTA 217 Senior Seminar I**1 Credit**

This course is designed to assist students in understanding the connection between the physical therapy interventions taught in each of the PT practice pattern courses. Students will assimilate information from each of their courses through case studies and the review of evidenced based practice. Students will have the opportunities to practice and refine practical application techniques while exploring the rationale for chosen techniques. Students continue to work on their Service Learning Project which will continue throughout the seminar course series.

Pre-Requisite: PTA 140 - Clinical Experience I And

Co-Requisite: PTA 215A - Cardiopulmonary PT Intervention And

Co-Requisite: PTA 213A - Musculoskeletal PT Intervention And

Co-Requisite: PTA 216A - Neuromuscular PT Intervention

PTA 221 Senior Seminar**II 4 Credits**

This course is divided into three units: (1) Physical Therapy Management for Special Patient Populations: Students learn to integrate and adapt the knowledge and skills gained in previous coursework to the treatment of some special patient populations. This unit covers topics of special interest to the students including, but not limited to, women's health issues, wheelchair and seating fitting, lymphatic drainage, vestibular dysfunction, pediatrics, advanced orthopedic manual techniques, healthcare ethics, pharmacology, research, orthotic and prosthetic fitting. (2) Comprehensive Physical Therapy Management: This unit challenges students to apply evidenced-based practice, problemsolving and analytical thinking to answer questions and develop solutions to problems relating to specific patient scenarios. It requires students to integrate learning experiences from the entire curriculum and Clinical Experiences I and II. (3)



Professional Preparation: This unit assists students to prepare to enter the profession of physical therapy. Topics include resume and cover letter writing, interview skills, preparing professional presentations, licensure requirements, and a review of the legal aspects of physical therapy delivery. Students will be required to present their Service Learning Projects. This course is compressed into 4 weeks and takes place after the students complete Clinical Experience II.

**Pre-Requisite: PTA 217 - Senior Seminar I And
Pre-Requisite: PTA 215A - Cardiopulmonary PT Intervention And
Pre-Requisite: PTA 216A - Neuromuscular PT Intervention And
Pre-Requisite: PTA 213A - Musculoskeletal PT Intervention And
Co-Requisite: PTA 260 - Clinical Experience II**

PTA 260 Clinical Experience II

7 Credits

This is the second/final of two clinical experiences required in the program. Students enter the second clinical experience after completing all practice pattern coursework. The purpose of the final clinical experience is to (1) ensure the achievement of entry-level skills, (2) ensure the safety of student interactions and activities while in the clinic, and (3) ensure that the student maintains a professional manner and demeanor in all clinical situations. As in the previous clinical education course, the student is provided with appropriate clinical supervision. By the end of this affiliation the student demonstrates full readiness to enter the profession of physical therapy. Clinical Experience II is a full-time experience of 10 weeks in duration.

**Pre-Requisite: PTA 213A - Musculoskeletal PT Intervention And
Pre-Requisite: PTA 216A - Neuromuscular PT Intervention And
Pre-Requisite: PTA 215A - Cardiopulmonary PT Intervention And
Pre-Requisite: PTA 217 - Senior Seminar I And Co-
Requisite: PTA 221 - Senior Seminar II**

REL 200 World Religions

3 Credits

This course will introduce students to the teachings and traditions of the world's major religions. Our modern world is home to an incredible diversity of religions, all of which have a profound influence on the way people live as well as how they make meaning of their life. Students will explore the fundamental wisdoms of the major religions and what they might suggest about the current condition and future direction of our modern world.

Pre-Requisite: ENG 102 - English II

RSC 201 Research Methodology

3 Credits

In this course, students will be introduced to the general principles and techniques of social science research. Students will learn the difference between qualitative and quantitative data and how to critically evaluate research and literature. Sampling, evaluation methods, and survey research will be explored.

Pre-Requisite: ENG 102 - English II

Course Equivalent: CRI 410, CRI 400

SCI 240 Textile Science 3

Credits

This course offers a comprehensive study geared to educating students in the behavior and performances of the materials used in today's consumer goods. This course serves as necessary background for those interested in buying and designing for retail positions where providing fabric information to the consumer is required. New and traditional technologies in manufacturing are surveyed.

Course Equivalent: FAM 240

SOC 101 Sociology

3 Credits

This course provides students with an introduction to the sociological understanding of human interaction, group processes, social structures, and social change. Students study basic concepts, theories, and methods of sociological investigations.

**Pre-Requisite: ENG 099A - Basic English for College Or
Pre-Requisite: ENG 101 - English I Or
Pre-Requisite: ENG 102 - English II Or
Test Placement: English Placement >= 101**

Course Equivalent: SOC11

SOC 206 Sociology of Deviance

3 Credits

This course will investigate crime and deviance from a sociological viewpoint. Students will examine some of the most pressing criminological issues of the day, including gangs, subculture and violence, and the effects of crime and deviance on society. These investigations will be viewed from the perspectives of four major criminological schools of thought: classical criminology, positivism, realist criminology, and radical criminology. Students will investigate the legitimacy of moral panics and the media portrayal of crime as it relates to social deviance.

**Pre-Requisite: SOC 101 - Sociology And
Pre-Requisite: ENG 102 - English II**

SOC 207 American Diversity

3 Credits

This course will explore some of the many different groups that coexist within America, particularly focusing on those who have suffered discrimination both historically and recently. Students will hear from authentic voices to understand the position of different religions and ethnicities from within the United States. Students will learn about theories of bias and discrimination, and will critically examine any stereotypes and biases with which they began the course. The course will address common stereotypes and misconceptions, their histories and their implications for the group and nation as a whole.

**Pre-Requisite: ENG 102 - English II And
Pre-Requisite: SOC 101 - Sociology**



SOC 208 Poverty and Society**3 Credits**

This course explores the history of urban, suburban, and rural poverty in American society and the political solutions proposed to address this social problem. Students will analyze the impact of poverty on individuals and communities, as well as the relationship between poverty and crime. This course will deconstruct stereotyped imagery of poverty presented in the media.

Pre-Requisite: ENG 101 - English I And

Pre-Requisite: SOC 101 - Sociology Or

Pre-Requisite: ENG 102 - English II And Pre-

Requisite: SOC 101 - Sociology

SOC 210 Vulnerable Populations and Quality of Life**3 Credits**

In this course, students will be given an overview of the United States health care system, challenges within the system, and treatment of vulnerable populations. This course will explore health disparities in terms of access to care in the United States, which has been identified as an area of emphasized research. This course examines health determinants and access to preventative efforts across social, cultural, and economic contexts. Students will also learn about bias and discrimination toward vulnerable populations.

Pre-Requisite: ENG 102 - English II

SOC 301 Diversity and Cultural Influences inHealthcare **3 Credits**

This course will introduce students to a study of the dimensions and complexities involved in healthcare issues in an increasingly diverse culture, multifaceted political, and socioeconomic environment. The impact on communication, treatment, and patient care outcomes by such cultural phenomena in relation to health care issues will be examined. This course will explore health beliefs and practices among selected populations within and outside the United States.

SOC 302 Pop Culture and Society**3 Credits**

This course explores, critiques, and defines pop culture from a sociological perspective. Pop culture-popular materials, products and textiles, television, consumerism, the Internet and social media, entertainment arts, celebrations and festivals, foods and beverages, social entertainment, books, occupations, science and medicine, among others-will be analyzed from for themes directly related to communications, persuasion, gender and sexuality, age, class, diversity, race and ethnicity, economy, globalization, government, entertainment, and general leadership. An examination of pop culture and its influences on society will be applied to global cultures and sub-cultures during any given era. The class will research and analyze, from a sociological perspective, a pop culture event or an item that shaped a society or subculture.

Pre-Requisite: SOC 101 - Sociology And

Pre-Requisite: ENT 102 - Introduction to the Music Industry

SOC 303 Technology and Society**3 Credits**

This course will use advanced critical thinking skills in analyzing what it means to be human in an age when technology changes rapidly. Classical and contemporary sociological theories will be used to analyze the influence of technology on utopias and dystopias, fictional and actual; social and hard science's changes in research and uses of technology in experiments; and psychological and sociological perspectives on society's expectations of technology uses for socializations and communication. Moreover, students will examine the effects of technology on government, war, social welfare, gender and sexuality, pharmacology and performance enhancement drugs, religion, morality and ethics, law and policies and who and what will regulate technologies as new dilemmas arise. Students will identify contemporary patterns if human response to technology as well as potential future outcomes affecting such issues as social media, cloning, privacy, crime, medicine, marketing and consumerism, social class, entertainment and media.

Pre-Requisite: SOC 101 - Sociology And Pre-Requisite:

ENG 102 - English II

SOC 309 Feminist Thought**3 Credits**

Feminist theory questions the presupposed differences between men and woman with regard to inequality, subordination, and the perpetual oppression of women. This course identifies and analyzes the history of feminism and the women's movement, and the changing perception of the word "feminism". This course will deconstruct stereotyped gender roles and the cultural images presented in the mass media for both men and women.

Pre-Requisite: SOC 101 - Sociology

SOC 312 Race, Ethnicity and Criminal Justice**3 Credits**

The goal of this course is to challenge students to critically examine sociological theories pertaining to race and ethnicity. Specific attention will be placed on the issues of race and ethnicity in the criminal justice system.

Pre-Requisite: SOC 101 - Sociology

SOC 314 Community Advocacy Program**3 Credits**

This course is a service learning practicum that will guide students in the development, management, and operation of an advocacy endeavor that will have the primary goals of service to the community and the advance of social justice. The course will draw expertise and resources from all academic departments as well as clubs on campus. The course will seek to create an advocacy endeavor that can be maintained and advanced from one semester to the next.

Pre-Requisite: ENG 102 - English II And Minimum Credits Required:30.00

Course Equivalent: CRI 314



SOC 401 Contemporary Issues of Immigration in the United States

3 Credits

This course will examine issues related to immigration in the United States. Topics will include economic, social, sociological, and political factors related to immigration. Specific attention will be given to immigrants from Mexico, Latin America and Asia, including the Middle East.

Pre-Requisite: SOC 101 - Sociology And

Pre-Requisite: SOC 207 - American Diversity

TES 100 Understanding Assessments

1 Credit

Using the Test of Essential Academic Skills (TEAS) exam as a model, students will understand the structure and purpose of the standardized exam and acquire test-taking strategies. The curriculum is organized around essential strands including English, reading, science, and math. Students will utilize resources in class, and on their own, to develop confidence in taking tests while also decreasing anxiety due to test taking. Students will use computer based tests. This course meets weekly with required work outside of class.

WRI 204 Media Writing

3 Credits

*This class is more about writing than it is about media. Good media writing is not possible without good writing. Therefore, with the help of William Zinsser's *On Writing Well*, we will concentrate on grammar, style, structure, clutter reduction, punctuation, and self-editing, as well as exploring the use of this good writing within the media.*

Pre-Requisite: ENG 102 - English II

WRI 259 Writing for Business **3 Credits**

Formerly Business Communications, this course emphasizes the importance of personal and interpersonal relationships in becoming an effective member of an organization. Students work to improve the verbal, non-verbal, listening, writing, editing and proofreading skills necessary for success. Using Microsoft Word, students write various business documents to include formal business letters, business emails, cover letters, resumes, and memoranda. Interview techniques are also covered, along with a continuous review of grammar, punctuation, spelling, and word usage.

Pre-Requisite: ENG 101 - English I Or

Pre-Requisite: ENG 102 - English II Or

Test Placement: English Placement >= 102

