University College of the Cayman Islands

ASSOCIATE DEGREE PROGRAMMES

2016-2019 COURSE PROJECTIONS

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UNIVERSITY COLLEGE OF THE CAYMAN ISLANDS

ASSOCIATE DEGREE PROGRAMS: 2016-2019 PROJECTIONS

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
ACC 121 Introduction to Accounting (3-Cr). This introductory course provides a sound understanding of the basic principles and procedures of accounting for business organizations. Emphasis is on the accounting cycle, asset valuation, income determination and the preparation of financial statements. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACC 201 Financial Accounting (3-Cr). This course places emphasis on the accounting principles and procedures as applied to Partnerships and Corporations. Topics include the equity structure of Partnerships and Corporations, long-term liabilities, common stocks, bonds, statements of cash flows, accounting ratios, and financial statement analysis. **Prerequisite: ACC 121**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACC 202 Managerial Accounting (3-Cr). This course places emphasis on the cost accounting methods, concepts, and procedures that provide management with information for planning, control and decision making of businesses. Topics include costing behavior, costing techniques, inventory valuation, cost-volume-profit analysis, capital investment appraisal analysis, budgeting, standard costing and variance analysis, and performance evaluation. **Prerequisite: ACC 121**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACC 251 Computerized Accounting (3-Cr). This course deals with the examination, installation and use of an integrated accounting information system as well as control concepts and procedures. It provides a practical and computerized "hands-on" method of managing accounts receivables, payables, general ledger, payroll and inventory management processing. Spreadsheet applications, import and export features are also examined. **Prerequisites: ACC 121 and COM 110**		✓			✓			✓	
BIO 101 College Biology/Lab I (4-Cr). The purpose of this course is to introduce students to basic biological concepts. Topics include: basic cell structure, movement of materials in and out of the cells, tissues, organs and organ systems, chemicals of life and mitosis, enzymes and classification of organisms and ecological relationships, biological molecules, photosynthesis, respiration and structure of DNA. **Prerequisite**: NONE	✓	✓	✓	✓	✓	✓	✓	✓	✓

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BIO 102 College Biology/Lab II (4-Cr). This course covers the basic biological anatomy and physiology of animals. Labs will include the identification of organs making up the major organ systems. The basic physiology of digestion, respiration, transport, coordination, excretion, homeostasis, reproduction and inheritance will be covered. This course is a requirement for entry into B.Sc. Pre- Medicine and Marine Biology courses. **Prerequisite: BIO 101**	✓	✓	✓	✓	✓	✓	✓	✓	✓
BIO 120 Biochemistry for Nurses (3-Cr). An understanding of the concepts of biochemistry necessary for an appreciation of the body's biochemical reactions, thus enabling nurses to relate the knowledge of biochemistry to wellness and illness. The course also allows the student to explore biochemical reactions affecting homeostasis and to discuss concepts and functions pertinent to the chemistry of the human body. **Prerequisite: Nursing Matriculation Requirements or BIO 101**	✓			✓			✓		
BIO 204 Concepts of Biology I (4-Cr). This course is primarily intended for science majors; however, it can be taken as an elective by any other major with the expressed permission of the lecturer. The course brings out the inquiry about the world of life. It will provide a basic introduction to the diversity of life forms such as viruses, archaea, bacteria, protistan diversity and fungi. General principles of biology are covered as well as introduction to genetics, chromosomes, genes and practical applications of DNA technology. **Prerequisite: BIO 102**	✓			✓			✓		
BIO 205 Concepts of Biology II (4-Cr). This course is primarily intended for science majors; however, it can be taken as an elective by any other major with the expressed permission of the lecturer. The course will discuss Big Bang Theory versus Creation Theory, Natural Selection and Evolution. Evolution will be the underlying theme with emphasis placed on presenting diversity within a phylogenetic framework. General principles of biology are covered, as well as comparative structure, physiology, immunity and development, including major evolutionary trends. The course will provide a basic introduction to the Origins of Species as noted by Sir Charles Darwin and general plant diversity. **Prerequisite: BIO 204**		✓			✓			✓	
BIO 210 Anatomy & Physiology 1 (4-Cr). An organ to system approach, the correlation between anatomical structure and physiological functions, the interaction of chemicals, tissues, organs and organ systems in the maintenance of homeostasis is presented in this course. The course is divided into two parts. **Part** I introduces anatomy and physiology and focus on the integumentary, musculoskeletal, nervous, endocrine, and respiratory systems. **Anatomy and Physiology II** covers the remaining	✓			✓			✓		

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body systems, and is taught in the second semester. Laboratory exercises are included in both courses. An understanding of the structure and functions of the human body will provide a framework for sound clinical judgement in the management of patient health problems. **Prerequisite: Nursing Matriculation Requirements or BIO 101**									
BIO 211 Anatomy & Physiology II (4-Cr). Anatomy and Physiology II is a continuation of Anatomy and Physiology 1. The course examines the structure and function of the cardiovascular, lymphatic, digestive, urinary, and reproductive systems. Laboratory exercises will allow the students to focus on the examination of selected parts of these systems through histological and skeletal preparations. **Prerequisite: BIO 210**		✓			✓			✓	
BIO 220 Marine Biology (4-Cr). Marine biology is the study of life in the oceans and other saltwater environments such as estuaries, mangroves, coral reefs, hydrothermal vents or open ocean. The study of marine biology includes a wide variety of disciplines such as biological oceanography, chemistry, geology, meteorology, physical and oceanography. An emphasis in this course is on the new field of marine conservation biology which additionally draws on many longstanding scientific disciplines such as marine ecology, biogeography, zoology, botany, genetics, fisheries biology, anthropology, economics and law. Like all scientific disciplines, the study of marine biology also follows the scientific method. **Prerequisite: BIO 101**		✓			✓			✓	
BIO 230 Microbiology for Nurses (3-Cr). An introduction to the history of microbiology, eukaryotic and prokaryotic cell structure and taxonomy. The course also covers the diversity of microbes, as well as their nutritional needs, growth and reproduction. In addition, the course focuses on the control of microbes by physical and chemical agents, microbial ecology, pathogenicity, immunity and immune response. Laboratory exercises are included. **Prerequisite: BIO 210 and BIO 120**		✓			✓			✓	
BIO 235 Epidemiology in Nursing (3-Cr). This course introduces the student to the key concepts of epidemiology. It examines the modes of disease transmission characteristics of communicable diseases, methods of prevention, at the local, regional and international levels. Students will be guided in the identification of sources of data, the use of appropriate measures of calculations, the analysis and interpreting of data and the application of findings to infection prevention and control. **Prerequisite: BIO 230, and COM111**			✓			✓			✓

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BIO 240 Pathophysiology (3-Cr). A study of the structural and physiological changes occurring in the body as a result of disease processes. The course introduces students to the concepts of abnormality and provides information on the sequel of diseases, alterations in body structure, body functions, and related clinical manifestations. The genetic disorders of the Cayman Islands will be studied. **Prerequisite: BIO 210 & BIO 211**		✓			✓			✓	
BUS 201 Principles of Business (3-Cr). This course provides students with an understanding of how businesses operate and the range of decisions facing both public and private sector entities. Students will gain an appreciation of the internal/external influences on business and investigate current trends. Topics include business planning, communication, people in business, technology, re-engineering and marketing. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
BUS 205 Business Law (3-Cr). This course provides students with an understanding of the legal environment within which US businesses operate, enter into business relationships, pursue their industrial and commercial activities, and achieve their aims. Topics include contract, tort, agency and company law. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
BUS 225 International Business Practicum (3-Cr). This international field experience is an instruction and practicum course that will concentrate on the study of business activities that are of particular importance to the Caribbean Region and focus on the essential elements of sustainable economic development within the Region. Students will participate in specific classes, readings and research on the politics, history, economy, and culture of a selected country, plus Caribbean socio-economic development strategies. Students will then visit several private and public sector organizations during a one-week trip to that country, with pre-trip and post-trip activities planned to enrich the learning experience.		✓			✓			✓	
CHE 111 General Chemistry I / LAB (4-Cr). This course provides students with an introduction to the fundamental aspects of chemistry as a physical science. Beginning with principles of the structure of matter, students will be led through an exploration of the science of the elements, the development and organization of the periodic table, relationships in the periodic table, chemical bonding, and combinations of elements to form molecules. **Co-requisite: MAT 105**	✓	✓	✓	✓	✓	✓	✓	✓	✓

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CHE 112 General Chemistry II / LAB (4-Cr). This course provides is a continuation of General Chemistry I / Lab. As well as building on concepts developed earlier, new topics such as electrochemistry, chemical equilibrium, kinetics and organic reaction mechanisms are introduced. **Prerequisite: CHE 111**	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHE 211 Organic Chemistry I/Lab (4-Cr). A course in nomenclature and classification of organic molecules, structure and reactivity of various functional groups such as hydrocarbons, alcohols, alkyl halides, alkadienes and allylic systems. **Prerequisite: CHE 112**	✓			✓			✓		
CHE 212 Organic Chemistry II/lab (4-Cr). This is an advanced course in the structure and reactivity of functional groups including aromatic compounds, carbonyl compounds, carbohydrates, organ metallic compounds, carboxylic acids and their derivatives, amines and amino acids. **Prerequisite: CHE 211**		✓			✓			✓	
COM 110 Computer Applications in Business (3-Cr). This course includes word processing, spreadsheets and databases as well as the use of the Internet for browsing and e-mail. It focuses on practical computer application and is designed to equip the student with a broad knowledge of computer systems and applications. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
COM 111 Health Informatics (3-Cr). This course introduces the student to computers and nursing informatics, focusing on applications in health care facilities and the nursing profession. Basic knowledge and skills necessary for the use of information technology by nurses in relation to patient care, health care facility administration, the education of nurses and patients, and research in nursing is presented. Health information system is also introduced. **Prerequisite: NONE**	✓			✓			✓		
COM 112 Fundamentals of Computer Hardware (3-Cr). In this course the student will acquire a basic working knowledge of computing hardware, hardware troubleshooting issues and procedures and a working knowledge of computer storage and information retrieval. **Prerequisite: NONE**	✓	✓		✓	✓		✓	✓	
COM 115 Fundamentals of Operating Systems (3-Cr). This course provides the student with knowledge of fundamental principles of computer operating systems to include installation, upgrades, troubleshooting, preventive maintenance and optimization. Students will acquire skills to install and configure a specified computer operating system, implement and manage the administration of network resources,		✓							

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implement, manage, monitor, and troubleshoot hardware devices and drivers, monitor and optimize system performance and reliability, configure and troubleshoot the desktop environment, implement, manage, and troubleshoot network protocols and services, and configure, manage, and troubleshoot security. **Prerequisite: NONE**									
COM 150 Programming Logic and Design (3-Cr). This course provides beginning students with a language-independent framework for learning core programming concepts and effective design techniques. This course gives students the foundation they need to understand the logic behind program design and to establish effective programming skills. Topics include basics of programming logic, algorithm design and development, flowcharts, pseudo-code to the computer programming languages. Additionally, programming concepts, such as structure, decision-making, looping, arrays, and files will be covered. **Prerequisite: NONE**	✓	✓		✓	✓		✓	✓	
COM 200 Computer Programming I (3-Cr). This course introduces the fundamentals of programming based on object-oriented, event-driven programming language such as Visual Studio. NET. The course is a rich mix of development environment, interface design and basic code techniques. **Prerequisite: COM 150**	✓			✓			✓		
COM 201 Computer Programming II (3-Cr). This course develops the concepts and state-of-the-art techniques of object-oriented programming using a programming language such as C++. Students will undertake programming projects to implement various concepts and principles. **Prerequisite: COM 200**		✓			✓			✓	
COM 204 Advanced Computer Applications (3) In this course, students will learn advanced features of Word such as: managing long documents, forms, and Web pages. Excel features will include: automate common tasks, apply advanced analysis techniques to more complex data sets, collaborate on worksheets with others, and share Excel data with other applications. Specialized advanced features of Access include: managing data, establishing table relationships, querying the database, designing forms, and producing reports, controlling data entry, creating flexible queries, and customizing reports, remote database management, data exchange with XML and other type applications, and how to automate your business processes by using VBA code, distributing and securing the database, application design, advanced forms, form controls, and splash screens. Outlook features include: the skills needed to communicate in real time with other users, personalize mail, organize items, share and link			✓			✓			✓

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contacts, create forms, and work offline and remotely. **Prerequisite: COM 110**									
COM 206 Basic Networking (3-Cr). This course is an introduction to networking fundamentals. This course will orient students to the basics of local area networks, wide area networks, protocols, topologies, transmission media and security as well as the implementation and support aspects of a network. **Prerequisite: COM 112 and MAT 106**		✓			✓			✓	
COM 210 Data Structures (3-Cr). This course provides the student with an understanding of the data structures and algorithms necessary to develop models of computation. Emphasis is placed on modularity, abstraction and verification as tools for computational problem solving. **Prerequisite: COM 200**			✓			✓			✓
COM 222 Internet Web Publishing (3-Cr). This is an extensive hands-on experience designing and delivering professional Web pages. Students will learn the knowledge and skills necessary to design and develop Web sites using standard Web development tools. The course will cover the fundamentals of Hypertext Markup Language syntax and layout, creating effective Web pages, inclusion of graphics and designing the presentation and coherent organization of Web pages. **Prerequisite: NONE**		✓			✓			✓	
COM 228 Graphics and Animation (3-Cr). Students apply creative and conceptual skills, design principles, and electronic technology to communicate messages to intended audiences. Working with illustrations, photography, type, and color, the student creates and manages the production of print and web communications designed to inform, educate or persuade a specific audience. **Prerequisite: NONE**			✓			✓			✓
COM 234 Fundamentals of IT Security (3-Cr). This course provides knowledge on the basic concepts of security, the role of security in communication protocols and services, security needs of a network infrastructure, encryption in the security of a network, and the need for security in the operation of an organization. **Prerequisite: COM 112**			✓			✓			✓
COM 240 Fundamentals of Telecommunication Systems (3-Cr). This course will introduce students to the fundamentals of telecommunication systems, which form an integral part of today's information systems design. The course will teach the technologies and services offered by telecommunications systems. It will provide opportunities for students to explore fundamental telecommunication concepts and technologies relating to telephony, data and video communications, as well as wireless communication. **Prerequisite: COM 112 and MAT 106**	✓			✓			✓		

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COM 241 Data Communications (3-Cr). This course examines the principles of data communication between computers, peripherals, and operating environments. The networking concepts and skills are based on a variety of standards including OSI, IEEE 802.2, IEEE 802.11 and IEEE 802.16 **Prerequisite: COM 200**									
COM 261 Systems Analysis and Design (3-Cr). This course provides a basic understanding of systems theory, information systems, general systems solutions and systems analysis in relation to business information requirements. It provides the students with the tools and techniques to develop information systems. **Prerequisite: COM 110 or COM 200**		✓			✓			✓	
COM 270 Internship in Computer Science (3-Cr). This course provides the student with an Internship in a computing situation with individual faculty supervision to allow students to apply academic knowledge to actual and professional experience. This Internship is experiential learning for credit taking place outside the classroom and directed by a field supervisor and a UCCI faculty member. This option is available during the fall, spring or summer session as an elective only and cannot be a substitute for a major requirement. At the end of the assignment, the student will be required to submit a report on the experience gained. A minimum of 15 hours of actual field work per week under the supervision of a work supervisor is required. **Prerequisites: Second Year status (38 credits), 2.0 overall GPA, and 2.0 GPA in major.**		✓			✓			✓	
ECO 221 Principles of Microeconomics (3-Cr). This course provides students with an understanding of the economics of markets and market economies. Concepts of demand, supply, production, prices, allocation of resources, and market failure will be studied. **Prerequisite: MAT 105**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ECO 222 Principles of Macroeconomics (3-Cr). This course looks at a range of macroeconomic issues and policies including determinants of unemployment, inflation, international trade, national income, and GDP. It will examine the use of fiscal and monetary policies in achieving macroeconomic objectives. **Prerequisite: MAT 105, or MAT 111 (B- or above).**	✓	✓	✓	✓	✓	✓	✓	✓	✓
EDU 220 Introduction to Child Development (3-Cr). This course will examine key concepts including the nature of child development from birth through adolescence and the theories as they relate to the support of the child's development and learning. Students will gain an understanding	✓			✓			✓		

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of the stages of growth to assess learning and make informed decisions in the classroom. Topics include language and cognitive development. This course examines the importance of cultural sensitivity as it relates to creating an environment for learning. **Prerequisite: NONE**									
EDU 230 Introduction to Teaching and Learning (3-Cr). This course explores multiple the theories and models of teaching and learning including direct instruction, integrative, discovery and problem-based models. The course is designed to give the novice teacher a deeper understanding of how to motivate students and facilitate the learning process and to master fundamental strategies in order to facilitate learning and promote student achievement. Students will connect theory and learning techniques designed to create a culture for learning. **Prerequisite: NONE**		✓			✓			✓	
EDU 240 Methods of Inclusion and Collaboration (3-Cr). This course provides a comprehensive overview of special education and inclusion. Students will explore the characteristics of students with special needs and analyse the pros and cons of including students with special needs in the classroom. Students will examine the role of the general class teacher and the strategies to help special education students be successful in the classroom. 10 practicum hours are required. **Prerequisite: EDU 220**		✓			✓			✓	
EDU 251 Principles, Methods and Practicum for Teaching Early and Emergent Literacy I (3-Cr). This course introduces theories of literacy learning and language development. Students will examine models for teaching literacy and practice specific strategies and techniques to assist literacy and student growth in the areas of reading, writing, speaking and listening in the classroom. **Prerequisite: ENG 101 and ENG 102**		✓			✓			✓	
EDU 252 Principles, Methods and Practicum for Teaching Early Mathematics I (3-Cr). This course investigates how children learn mathematics. The fundamental principles of math will be examined and how to teach mathematics so that children visualize the relationships and connections within and between mathematics ideas, and relations and connections to the real world. Instructional methods and strategies will be applied during the Practicum experience in the classroom. **Prerequisite: MAT 105 and MAT 111**		✓			✓			✓	

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EDU 260 Integrating Technology in the Classroom (3-Cr). In this course student will be able to appreciate the role of information, communication and Technology (ICT) in the teaching —learning dynamics with a focus on primary level. It will also enable them to use the computer as a tool for the manipulation of information, for instructional support and the applications of related educational software. Students will acquire hands-on operating experience. **Prerequisite: NONE**		✓			✓			✓	
ENG 098 Foundation English (0-Cr). This course is designed to provide students with the required skills for successful pursuit of ENG 99 and other pre-college courses. It involves basic English skills and the focused application of those skills to writing. The aim is to expose students to various styles of written expression, while building vocabulary and confidence drawing on their own experience in composing paragraphs. A secondary aim is enhancing response to reading material. The overall aim is to inspire confidence, stimulate interest, and sharpen skills towards ultimate language competence at the college level.	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENG 099 Preparatory English (0-Cr) This is designed to provide students with the language skills required for college Composition and Literature at Associate Degree Level. It involves a wide range of reading, writing and discussions, geared at creating student interest and confidence.	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENG 101 College Composition I (3-Cr). This course is designed to develop students' abilities to communicate effectively at the university level. It involves a variety of styles and forms, ranging from expression of personal experiences to the ordering and presentation of facts, ideas and opinions. Students will learn to write organised and cogent essays, with appropriate grammatical structures, conventions of paragraphing, sentence structure, punctuation and spelling. For essay writing, emphasis will be placed on Exposition and Argument. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENG 102 College Composition II (3-Cr). This course is designed to reinforce and enhance the skills developed in College Composition I, with emphasis on critical, analytical, and integrative thinking, on formal argument, and on general response to literary stimuli. Students will also be introduced to the classic elements of argument, as seen in the argumentative and/or persuasive essay, and in literary readings. **Prerequisite: ENG 101**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENG 150 Fundamentals of Speech (3-Cr). The objective of this course is to enable students to design and deliver an effective speech, with a specific purpose for a particular audience. Emphasis is on content, organization,	✓	✓	✓	✓	✓	✓	✓	✓	✓

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and delivery of informational and persuasive speeches. This course will enable the student to be a better communicator in any speaking situation, by stressing those skills which are concomitant with logical, coherent and creative thinking. **Prerequisite: NONE**									
ENG 151 Oral Communication (2-Cr). An introduction to the basic concepts of communication including therapeutic communication. Students will develop an understanding of the theoretical principles of verbal and non-verbal interaction, applying these in a variety of communication contexts. The course is also designed to increase the student's capacity to read material critically at university level, to improve concentration, retention, analysis and interpretation of material read. Beliefs about reading are explored. **Prerequisite: Nursing Matriculation Requirements**		✓			✓			✓	
ENG 201 Caribbean Literature (3-Cr). The purpose of this course is to provide students with an overview of the main trends of Caribbean literature and the major authors, themes and structural patterns. Study will emphasize the connections between the development of the literature and the evolution of the Caribbean cultural identity. **Prerequisite: ENG 102**	✓		✓	✓		✓	✓		✓
ENG 211 English Literature I (The Middle Ages through the 18th Century) (3-Cr). The purpose of this course is to provide students with an overview of the main currents of English literature from the Middle Ages to the 18th Century and to acquaint them with the authors and themes of the period**. Prerequisite: ENG 102**	✓			✓			✓		
ENG 212 English Literature II (The Romantic Period through the 20th Century) (3-Cr). The purpose of this course is to provide students with an overview of the main currents of English literature from the Romantic period through the present and to acquaint them with the major authors and themes of the period. **Prerequisite**: **ENG 211**		✓			✓			✓	
ENG 221 Survey of American Literature (17th through 19th Century) (3-Cr). The purpose of this course is to provide students with an overview of the main currents of American literature from the settlement of North America through the Civil War and to acquaint them with the major authors and themes of the period, as expressions of an evolving "American experience." **Prerequisite: ENG 102**	✓			✓			✓		
ENG 222 Survey of American Literature (19th Century onwards) (3-Cr). This course provides an overview of the major issues and directions		✓			✓			✓	

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of American Literature, from the early 19th Century onwards, spotlighting, classics of American writing, across genres, with reference to a continuing analysis of the ever evolving "American experience." **Prerequisite: ENG 221**									
ENG 231 Business Communication (3-Cr). This course provides students with the essential skills in writing, comprehending and speaking, which are necessary for effective communication. Students will develop the ability to understand and respond to business documentation used in a variety of business context. **Prerequisite: ENG 102**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENT 101 ENGINEERING GRAPHICS I (3-Cr). This is an introductory engineering graphics course designed to teach computer-aided drafting (CAD) concepts and equipment design. The course will provide a general understanding of the components of a typical CAD system and its operation. Students will be exposed to a variety of computational methods and software tools for engineering problem solving and documentation. Fundamentals of engineering drawing utilizing freehand sketching, mechanical drawing, and solid modeling will be covered. The principles of orthographic projection, dimensioning, sectional views, auxiliary views, descriptive geometry, and assembly drawings will be discussed. **Prerequisite: NONE**		✓			✓			✓	
ENT 201 ENGINEERING GRAPHICS II (3-Cr). This course teaches production drawings and advanced operations in computer-aided drafting and blue print reading and interpretation. Contemporary techniques of 3-D modeling, rendering, animation on the personal computer, and the principles of visualization (photo-realism), which enables the student to create presentation drawings for both architectural and industrial product design are examined. Orthographic projection, details of drafting shop processes and terminology, assembly drawings and exploded views are covered. Reading, understanding and interpreting standard architectural drawings including plans, elevation, sections, and details will be emphasized. **Prerequisite: ENT 101**	✓			✓			✓		
ENT 202 MATERIAL SCIENCE (3-Cr). This course is designed to teach the basic principles governing the structure and properties of materials used in engineering. The course will investigate the structures and properties of metals, ceramics, polymers, and composites. Students will gain an appreciation for the processing and design limitations of materials used in engineering. Other topics to be examined will include elastic and plastic deformation, strengthening mechanisms, corrosion	✓			✓			✓		

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prevention and control, and the considerations in choosing appropriate materials for engineering applications. Laboratory experiments will demonstrate the behavior of polymers, metals, ceramics, and other engineering materials. **Prerequisite: CHE 111**									
ENT 203 PRINCIPLES OF ENERGY SYSTEMS (3-Cr). This course will present the basic physical laws governing the processes by which energy conversion technologies deliver electrical power to consumers who turn it into heat, light and power. The course will take a systems perspective on energy conversion, building upon fundamental principles, and embracing a variety of energy sources including fossil fuel, alternative and renewable energy technologies. The course will then describe how energy is transmitted and distributed to consumers, describing the underlying physical principles. Finally, the course will address energy conversion technologies in business, industry and the home. **Prerequisite: MAT 105, PHY 120**	✓			✓			✓		
ENT 205 CIVIL ENGINEERING TECHNOLOGY I (3-Cr). This course will teach both theoretical and practical applications of the basic principles of civil engineering technology. The course will examine the planning and operation of construction projects by the civil engineer, co-ordination and control of personnel, materials and machines, scheduling, cost prediction, timeline evaluation and resource allocation. The course will introduce the student to the fundamentals of construction technology, structural systems, blue print reading, building codes, water treatment technology and waste management. Other topics to be covered will include the chemical, physical and mechanical properties of steels, concrete materials, mix design, and the properties of fresh and hardened concrete. **Prerequisite: MAT 105, PHY 110**	✓			✓			✓		
ENT 207 MECHANICAL ENGINEERING TECHNOLOGY I (3-Cr). This course is designed to provide basic understanding of how to solve mechanical technology problems and gain insights into the manufacturing, production and design processes through the application of engineering principles. The course aims to help students develop core competencies in engineering fundamentals (statics, strengths of materials, and fluid dynamics), manufacturing applications (manufacturing processes, machining, welding, design for manufacturing and tooling, and quality assurance), mechanical design (computer-aided design, machine design, fluid power technology, measurement and test, etc.) and thermal sciences (thermodynamics, heat transfer and heating, ventilation, and air	✓			✓			✓		

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	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
conditioning.) **Prerequisite: MAT 105, PHY 110**									
ENT 209 ELECTRICAL ENGINEERING TECHNOLOGY I (3-Cr). This course will introduce the fundamentals of network theorems, and then investigates the frequency response of resistive, inductive and capacitive loads. The operating principles of single-phase motors and transformers will be explored. The characteristics of analog electronic components and digital logic circuits will be investigated. Students will learn to use basic testing equipment, such as multimeters, oscilloscopes, and power supplies. **Prerequisite: MAT 105, PHY 120**	✓			✓			✓		
ENT 215 CIVIL ENGINEERING TECHNOLOGY II (3-Cr). This course will introduce the basic concepts of engineering mechanics applicable to civil engineering. Basic structural design concepts such as shear and bending moment's diagrams for simply supported and continuous beams will be introduced. The course will also examine the analysis of reinforced concrete sections, the design of beams, one-way slabs, columns, bearing walls and retaining walls using the ultimate strength theory and the principles of limit states design. Identification of project criteria and constraints, the generation of design options and selection of preferred design will be discussed. **Prerequisite: ENT 205**		✓			✓			✓	
ENT 217 MECHANICAL ENGINEERING TECHNOLOGY II (3-Cr). This course will introduce the mechanical technology underpinning motor vehicle and marine drive systems. The working principles of the two and four stroke internal combustion engine will be studied, including the diesel engine. The course will also cover the operation and maintenance of pumps for water, effluent, oil and fuels. **Prerequisite: ENT 207**		✓			✓			✓	
ENT 219 ELECTRICAL ENGINEERING TECHNOLOGY II (3-Cr). The course will cover electrical power systems as well as the utilization and control from both commercial and residential installations. The construction and operation of three-phase motors and transformers will be introduced. The student will be exposed to the essential local legislations: Cayman Islands Electricity Law and associated Codes of Practice. Finally, the digital technique concepts acquired in ENT 209 are extended. **Prerequisite: ENT 209**		✓			✓			✓	
ENT 225 CIVIL ENGINEERING WORKSHOP (3-Cr). This competency- based course trains students how to apply technology as it relates to the construction industry. For workshop practice, the students		✓			✓			✓	

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will learn how to conduct the slump test on concrete, test concrete for compressive strength (PSI), test sand for bulking, silt content, organic matter and moisture content. Students will also conduct field work on the practical applications of measurement theories using surveying equipment. Students will learn how to use: Level, Theodolite, Electronic Distance Meter (EDM) and Total Station. This workshop will expose students to the techniques of linear and angular measurements in plane surveying, **Prerequisite: ENT 205; Co-requisite: ENT 215**									
ENT 227 MECHANICAL ENGINEERING WORKSHOP (3-Cr). The objective is to impart safe working practice in the use of hand and machine tools (such as pillar drills, table saws, grinders and lathes) in a typical engineering workshop environment. The student will learn the correct use of welding and brazing equipment for the joining of metals (mild steel, stainless steel, brass and aluminum) and also in the fabrication of components. The dismantling and reassembly of automotive power plant for road and marine applications will be undertaken. **Prerequisite: ENT 207; Co-requisite: ENT 217**		✓			✓			✓	
ENT 229 ELECTRICAL ENGINEERING WORKSHOP (3-Cr). In this workshop practice course the student will learn the correct use of hand and power tools and measuring instruments. The salient points of electrical, power and data systems will be reviewed along with the different types of cables and conductors required and their termination methods, including bolted, lug, crimp and solder. The student will be exposed to service equipment provision and undertake the installation of associated branch circuitry and connection of utilization equipment. **Prerequisite: ENT 209; Co-requisite: ENT 219**		✓			✓			✓	
ENT 230 ENGINEERING LAW AND ETHICS (3-Cr). This course will introduce students to the basic legal concepts and procedures for understanding the implications of engineering management decisions. The course will examine the codes of conduct and standards for the engineers' obligations to the public, their clients, employers and the profession. Concepts to be discussed will include: code of ethics and standards of engineering conduct; contracts and liability, environmental obligations and workplace health and safety. **Prerequisite: ENT 205 or ENT 207 or ENT 209**		✓			✓			✓	

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
ENT 270 INTERNSHIP IN ENGINEERING TECHNOLOGY (3-Cr). This course provides the student with an Internship in an engineering situation with individual faculty supervision to allow students to apply academic knowledge to actual and professional experience. This Internship is experiential learning for credit taking place outside the classroom and directed by a field supervisor and a UCCI faculty member. At the end of the internship, the student will be required to submit a report on the experience gained. A minimum of 20 hours of actual field work per week under the supervision of a work supervisor is required. **Prerequisite**: **GPA of 2.0, and ENT 225 or ENT 227 or ENT 229**			✓			✓			✓
ENV 101 Environmental Science I/Lab (3-Cr). This is a course designed for students who wish to enhance their knowledge of basic scientific principles governing environmental problems on a global scale. Students will also learn about ecosystems at the national and international level and develop an understanding of the individual's role in preserving and protecting the environment. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENV 102 Environmental Science II/Lab (4-Cr). This course covers climate change, human population growth and energy demands on the planet. Case studies will be included so that students learn about international cooperation and the need to develop a sustainable future, internationally, nationally and locally. **Prerequisite: ENV 101**	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENV 201 Environmental Studies I (3-Cr). This course is primarily intended for science majors; however, it can be taken as an elective by any other major with the expressed permission of the lecturer. Industrialized society has been a major agent of environ- mental change. This course seeks to examine environmental issues by first examining processes that operate in natural systems and then assessing how we have modified such systems. Debate and analysis of several environmental readings and case studies, will be used as a vehicle to understand the scientific issues associated with environmental change. Topics will include sustainability, risk, ethics, waste management, climate change, environmental economics and regulations. **Prerequisite: ENV 102**	✓			✓			✓		
ENV 202 Environmental Studies II (3-Cr). Environmental systems are the study of life on land and oceans and how natural systems of wind, water, air and land elements interact with each other. The study of environmental systems includes a wide variety of disciplines such as biological oceanography, chemistry, geology, meteorology and		✓			✓			✓	

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
oceanography. An emphasis in this course is on the new field of conservation biology which additionally draws on many longstanding scientific disciplines such as marine ecology, wildlife biology, biogeography, zoology, botany, genetics, fisheries biology, anthropology, economics and law. Like all scientific disciplines, the study of environmental systems also follows the scientific method. Finally, the course will investigate how humans are impacting these natural systems. **Prerequisite: ENV 201**									
GEO 101 Human Geography (3-Cr). This course is designed to introduce students to the main components of human geography through systematic study, and explores the way in which human geography is linked to physical features. This will be done where appropriate by placing emphasis on the environment in which the student is familiar. Comparison will be made between the developed and developing countries. Topics include population, urbanization and cities, manufacturing industry, agriculture, forestry and fishing, and growth, development and planning.	✓			✓			✓		
HIS 120 Caymanian Society (3-Cr). This course focuses on the history, economy, governmental structures and processes, culture and social structure of the Cayman Islands. **Prerequisite: NONE**	✓		✓	✓		✓	✓		✓
HIS 121 Survey of Caribbean History (3-Cr). This course covers a broad survey of key themes in Caribbean history to the present day. It will focus on the whole of the Caribbean region, with particular emphasis on the British West Indies. Topics to be covered include: discovery and settlement, slavery and the slave trade, emancipation, immigration and emigration, economic development, drive towards independence and growing links with the United States. **Prerequisite: NONE**	✓		✓	✓		✓	✓		✓
HIS 131 Modern World History (3-Cr). This course provides students with a greater under- standing of the political and social environment in which they live. It draws upon world events since 1945, looking specifically at two key themes: democracy and nationalism. The impact of these themes on the growth of many nations before and after independ-ence, especially in Africa and the Far East will be examined. The course is designed to be flexible, so as to adapt to any events currently in the news. **Prerequisite: NONE**		✓			✓			✓	
HIS 132 Caribbean Civilization (3-Cr). This course seeks to define, question, and analyze civilization – and its subsidiary themes – as applied to the Caribbean. Placing emphasis on the six 'tracks' of civilization, HIS 132 traces the intertwined historical, social, intellectual, political		✓			✓			✓	

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
ecological, and cultural developments in the Caribbean from pre-European conquest to the present multicultural, globalizing age. **Prerequisite: NONE**									
HOS 210 Fundamentals of Foodservice Management (3-Cr). This course examines the various requirements, processes and concepts in the management of foodservice operations. Topics will include marketing concepts, facility design considerations and the importance of quality service and product to a foodservice operation. The course explores management issues and concerns in foodservice operations such as financial management, safety and sanitation requirements and guest relations. **Prerequisite: NONE**		✓			✓			✓	
HOS 221 Introduction to Hotel Operations and Management **(3-Cr).** This course provides an overall understanding of the organization and functions of major departments within contemporary hotel operations. General operating procedures and management processes, concerns and issues will be examined. The course gives an overview of tools that are used for decision-making in hotel operations and management, such as financial statements, forecasts and budgets. **Prerequisite: NONE**	✓			✓			✓		
MAT 098 Foundation Mathematics (0-Cr). This course introduces students to the basic topics of arithmetic. Students will add, subtract, multiply, and divide whole numbers, signed numbers, fractions and decimals. Students will solve problems involving ratio, proportions and percentages. The course is intended to promote a discipline of consistent good practice; students will receive support and regular feedback on their progress. **Prerequisite: NONE**	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 099 Preparatory Mathematics (0-Cr). This course provides access to college mathematics for those students with deficiencies in this area. It covers the foundation material necessary to embark on College Algebra. Topics include numbers, basic algebra, graphs, and basic trigonometry. The structure of the course is intended to promote a discipline of consistent good practice, and ensure that students receive support and regular feedback on their progress. **Prerequisite: MAT 098 or Equivalent.**	✓	✓	✓	✓	✓	✓	✓	✓	✓

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
MAT 105 College Algebra (3-Cr). This course is a first course in College Algebra, designed for students who are majoring in Business, Economics, Accounting, Literary Studies, Social Studies and Hospitality Management. The objective of this course is to provide a solid foundation in algebraic operations and to introduce the student to the concept of functions and their graphs. Students will graph linear, quadratic, rational, exponential, logarithmic, radical, power, and absolute value functions and perform transformations on these; perform operations on and compositions of functions; find the inverse of a function; apply the laws of logarithms to simplify expressions and solve equations; graph non-linear inequalities; solve related applications and model problems. **Prerequisite**: **A mathematics qualification (CXC, GCE, IGCSE) at grade C or above, or equivalent OR Successful completion of MAT 99**.	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 106 College Algebra for Science & Technology – This course is a first course in College Algebra, designed for students who are majoring in Science, Mathematics or Computer Science. Topics of study include algebraic equations and inequalities, absolute value, the algebra of functions, polynomial, rational, exponential and logarithmic functions, systems of equations and inequalities. The objective of this course is to provide a solid foundation in algebraic operations and function. **Prerequisite: A (CXC, GCE, IGCSE) Math with minimum grade of C or above; OR Successful completion of MAT 99.**	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 111 Introduction to Statistics (3-Cr). This course is designed to equip the student with an understanding of the use of statistics and develop their skills in the collection, processing and presentation of numeric and statistical data. Students will also learn to interpret data and apply statistical tools to problem solving in a variety of contexts.	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 112 (3-Cr). This course is designed to equip the nursing student with an understanding of the use of statistics and develop their skills in the collection, processing and presentation of single variable data. Students will also learn to interpret data and apply statistical tools to problem-solving in a variety of contexts.		✓			✓			✓	
MAT 121 Pre-calculus with Trigonometry (3-Cr). This course is intended to bridge the gap between College Algebra and Calculus and develops concepts vital for understanding differentiation and integration. It also introduces new concepts such as complex numbers, polar co-ordinates, and trigonometric identities. **Prerequisite: MAT 105**		✓	✓		✓	✓		✓	✓

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	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
MAT 215 Business Statistics (3-Cr). This course examines the use, limitations and format of various quantitative techniques used in the decision-making process in business. Students will acquire and apply statistical tools for solving business-related problems. The main topic areas include measures of dispersion and skew, time series and probability analysis. **Prerequisites: MAT 111**	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 216 Calculus for Business (3-Cr). This course covers differentiation, integration and solution of simple differential equations and their application to business. Topics include the use of the Demand function, marginal costs, Price-Demand functions, the Profit Equation and Continuous Compound Interest. **Prerequisite: MAT 105**		✓	✓		✓	✓		✓	✓
MAT 221 Calculus I with Analytical Geometry (3-Cr). This course focuses on basic differential and integral calculus. Topics in differentiation include limits and continuity, the gradient of a curve, differentiation of algebraic, exponential and logarithmic functions, the chain rule and product and quotient rules and applied maxima and minima problems. Those in integration include the area under a curve, definite and indefinite integrals, numerical integration, substitution and applications of integration. **Prerequisite: MAT 121**	✓	✓		✓	✓		✓	✓	
MAT 222 Calculus II (4-Cr). This course covers more complex topics in differential and integral calculus. These include: trigonometric, implicit and parametric functions; further techniques of integration; first and second order differential equations; hyperbolic functions- their inverses, derivatives and integrals; polar coordinates and power series. **Prerequisite: MAT 221**		✓	✓		✓	✓		✓	✓
MAT 225 Introduction to Linear Algebra (3-Cr) - Linear Algebra is the study of linear systems of equations, vector spaces and linear transformations. Solving systems of linear equations is a basic tool of many mathematical procedures used for solving problems in Science, Engineering and Business. In this class, students will become competent in solving systems of linear equations, performing matrix algebra, calculating determinants and finding eigenvalues and eigenvectors. They will cover vectors and spanning spaces. **Prerequisite: MAT 216 or MAT 221 Recommended Co/Prerequisite: MAT 222**		✓			✓			✓	
MAT 233 Probability and Statistics (3-Cr). This course covers basic descriptive statistics and probability. Topics to be covered include discrete and continuous distributions, confidence intervals, and hypothesis testing and regression analysis. **Prerequisite: MAT 105**		✓			✓			✓	

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MAT 260 Discrete Mathematics (3-Cr). This course examines topics like sets, sequences and functions, logic, relations induction and recursion, and methods of counting with particular applications in the field of computer science. **Prerequisite: MAT 105 or MAT 106**	✓			✓			✓		
MGT 201 Introduction to Management (3-Cr). This course examines the origins of contemporary management theory and its significance in today's globally connected business environment considering that the organizational performance is dependent on its managerial function, operation, style and environment. This course provides a practical introduction to the theories, concepts, skills and attitudes of successful management in organizations, and provides a solid foundation for advanced studies in pertinent areas. **Prerequisite: BUS 201 or HOS 210**	✓	✓		✓	✓		✓	✓	
MGT 260 Human Resources Management (3-Cr). This course gives an overview of both the theoretical and practical aspects of personnel administration in contemporary organizations. It covers the role, function and behavior of personnel administration. Topics include recruitment and selection, training and development, and dismissal and disciplinary procedures.	✓	✓		✓	✓		✓	✓	
PHI 101 Introduction to Western Philosophy (3-Cr). The course will present students with an overview of the main dilemmas of Western Philosophy. Topics will include Morality, Ethics, Philosophy of Mind, Free Will, Determinism, Logic and the Nature of Existence.	✓			✓			✓		
PHI 201 Introduction to Western Philosophers (3-Cr). This course will provide an overview of the main propositions of Western philosophers. Studies will include Plato, Aristotle, Descartes, Hume, Kant, J.S. Mill and Karl Marx. **Prerequisite: PHI 101 or permission of lecturer**.	✓			✓			✓		
PHY 110 College Physics I (4-Cr). Mechanics-This course introduces quantities, units and the dimensional base required to investigate and verify the laws of mechanics. Mechanics is the study of the effect of forces on bodies. It may be sub-divided into dynamics, statics, and kinematics. Dynamics is concerned with motion of bodies and +the forces that cause that motion; statics investigates forces acting on bodies at rest (i.e. in equilibrium) whilst kinematics concerns motion only, with no reference to force or mass.	✓			✓			✓		
PHY 111 Astronomy (3-Cr). This course introduces students to astronomy. Topics to be studied include theoretical studies of the celestial sphere and time, the Earth-Moon system, EM-radiation, Gravitation, the Solar system, the Sun and stars and stellar associations and galaxies.	✓			✓			✓		

COURSE DESCRIPTION	2016-2017			2017-2018			2018-2019		
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PHY 120 College Physics II (4-Cr). Introduces the quantities, units & dimensional database required to investigate and verify the laws of electricity. Electricity is concerned with the study of charged particles, whether stationary or in motion. Its utilization on both large and small scales **provides** the cornerstone of our civilization's lifestyle.		✓			✓			✓	
PHY 253 Physics III (4-Cr). OSCILLATIONS AND ENERGY. – Periodic vibration of an elastic solid or fluid constitutes an oscillation. Oscillations following simple harmonic motion are of particular interest as this type of motion is common in nature. Waves represent a method of energy transfer through a medium or space by means of the regular vibration of particles (as in a sound wave) or a physical quantity, such as an electromagnetic wave. An awareness of resonance is important in applications as diverse as communications and construction. Energy concepts are developed to encompass alternative forms. Co-requisite: MAT 221; **Prerequisites: PHY 110; PHY 120**	✓			✓			✓		
PHY 254 Physics IV (4-Cr). RADIOACTIVITY - This hybrid module develops a broad concept of atomic structure, radioactive sources, radio-isotopes and applications in medicine. It introduces quantum physics and explores nuclear physics and radio-activity. Continuation of Physics I. Co-requisite: MAT 221. **Prerequisites: PHY 110; PHY 120**		✓			✓			✓	
POL 101 Introduction to Political Science (3-Cr). This course provides the student with an understanding of various political systems through an examination of the similarities and comparative analysis in institutions, political structures and practices, current issues and the nature of power and authority in contemporary nations.	✓			✓			✓		
POL 201 Introduction to International Relations and Politics (3-Cr). The course focus is on the analysis of international politics and the processes of international relations. Topics include international and regional organizations, management of conflict and cooperation, problems facing the world community, related political issues, and international responses to them, including international trade, economic development and global economic trends, wars, arms control, terrorism, ethnic conflict, human rights, status of women, population growth, food security, and the environment. **Prerequisite: POL 101** or permission of the lecturer.		✓			✓			✓	
POL 202 Government, Business and Society (3-Cr). T Diverse perspectives on the changing roles and relationships of business, government and society. This course describes the role, function and	✓		✓	✓		✓	✓		✓

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	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer
effects of the business sector on society, and the part which the business sector plays both as regulator and as activist. **Prerequisite: POL 101**									
PSY 101 Introduction to Psychology (3-Cr). This course introduces students to the basic principles of human psychology through the study of major psychological theories, research methods and classic studies in psychology. Particular emphasis is placed on the discussion of human diversity and its impact on the development of individuals.	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSY **102 Critical Thinking (3-Cr).** This course explores the process & practice of critical thinking. Students are guided into clear, insightful, logical, & creative thinking. Concrete examples from students' experiences & contemporary issues are critiqued to develop analytical skills.		✓	✓		✓	✓		✓	✓
PSY 201 Developmental Psychology (3-Cr). This course surveys significant aspects of human growth and development throughout the lifespan. It includes biological and environmental influences on physical, cognitive, moral, social and personality development. **Pre-requisite: PSY101**	✓	✓	✓	✓	✓	✓	✓	✓	✓
SCI 213 Basic Nutrition for Nurses (3-Cr). This course introduces the students to the principles of human nutrition and current dietary trends across the lifecycle. It emphasizes nutrients, food sources and functions in the body, nutrients and the relationship to health throughout the lifespan of the Caribbean people with a focus on the Cayman Islands. Content includes cultural and economic influences on dietary practices. **Prerequisite: BIO120**		✓			✓			✓	
SCI 214 Diet Therapy in Nursing (2-Cr). The focus of this course is dietary management of common nutritional problems found in individuals, families and communities in the Cayman Islands. Emphasis will be placed on the dietary management of individuals with diabetes mellitus, cardiovascular and renal diseases, malnutrition, burns, and obesity. Diet management is applied throughout the respective nursing courses. **Prerequisite: SCI 213**			✓			✓			✓
SOC 101 Sociology I (3-Cr). This course looks at the themes of social class, ethnicity, gender and age. Topics include sociological theory, culture, socialization, social stratification, education, and the mass media	✓			✓			✓		
SOC 102 Sociology II (3-Cr). This course looks at the themes of social class, ethnicity, gender and age. Topics include religion, development and modernization, health, power and politics, population, urbanization, work and leisure, technology, and social change. **Prerequisite: SOC 101**		✓			✓			✓	

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SOC. 202 Sociology, Change and Development (3-Cr). This course addresses problematiques, theories, and critiques of social development and considers relevant strategies such as improving public sector effectiveness, social welfare and international corporation for social development.		✓			✓			✓	
SPA 101 Introduction to Spanish I/Lab (4-Cr). This foundation course introduces and reinforces basic grammatical structures, vocabulary and sound patterns, necessary for communicative competence in the language.	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPA 102 Introduction to Spanish II/Lab (4-Cr). This course reinforces material and skills emphasized in SP 101 and provides additional structures, vocabulary and aural/oral, reading/writing practice to develop greater communicative competence. **Prerequisite: SPA 101**	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPA 201 Intermediate Spanish I (3-Cr). This course is designed to develop communicative competence in a higher register of language. It features more detailed study of the syntax and usage of the language, equipping the student with extensive vocabulary and enabling him/her to understand and use more complex sentence patterns. **Prerequisite: SPA 102**	✓			✓			✓		
SPA 202 Intermediate Spanish II (3-Cr). The purpose of this course is to build the communicative competence of student enabling him/her to understand and respond to written and spoken Spanish from a variety of sources in a higher register of language. Authentic, contemporary Spanish texts and spoken forms, drawn from a variety of sources will be used: newspapers, reports, books, and other forms of extended writing in Spanish, as well as recorded news items, announcements, talks and discussion. **Prerequisite: SPA 201**		✓			✓			✓	
SPA 215 Spanish Language and Culture (3-Cr). The purpose of this course is to provide students with a background to the development of the Spanish language. It will focus on the growth and spread of the language, giving students insights into the pre-existent cultures of the Hispanic countries and provide an overview of Modern Spanish in the Hispanic world.			✓			✓			✓