

# USM Course Descriptions

Please note that the University reserves the right to add, withdraw or revise any course described here as deemed necessary.



Courses are listed alphabetically by field. Courses in the College Preparatory Program have numbers below 99. Credit for these courses cannot be used to meet degree requirements, but are prerequisites for degree courses when the student does not meet college entrance standards or when the student has demonstrated the need for preparatory course work through placement testing at USM.

A hyphen separating two course numbers (for example 101-102) indicates that the course sequence must be taken in the order given. A comma separating course numbers (for example: 101, 102) indicates that the courses may be taken independently of one another in any order. Not all courses are offered every semester.

## ART

### ART 120 THE HISTORY OF ART

The course reviews the history of art from cave drawings to the modern and local arts. An examination of architectural, painting, and sculpting styles will be shown to reflect social and economic aspects of particular time periods.

**3 credits**

### ART 122 SURVEY OF CONTEMPORARY PAINTING

Chronological survey of major movements of modern art. Picasso, Matisse, Dali, Pollock, and Johns are among the artists discussed. Other topics, such as the influence of non-Western art may be explored. Special attention is paid to local contemporary artists by the use of field trips and guest speakers.

**3 credits**

### ART213 INTRO TO DRAMA

Students read a selection of plays representing drama from the Greeks to the present. They examine the history of drama and explore how theater shapes and is shaped by the social and political circumstances of its day. There is a focus on the basic elements of drama and how these have evolved.

**3 credits**

### ART 214 DRAMA PRODUCTION

A study of the tradition and development of the theater art with emphasis on the elements required to develop, produce, and evaluate theatrical productions. Students design, direct and produce a play for the community.

**3 credits**

### ART 221-222-223 DANCE I/II/III

A study of dance designed to acquaint the student with movement as a medium of expression. Classes offer dance technique as well as dance combinations. Students are encouraged to increase their awareness of movement based upon dance exercises to develop dance technique.

May be repeated to a maximum of three semester credit hours.

Prerequisite: Permission of the instructor.

**1 credit each**

### ART 231 HISTORY IN FILM

Students are familiarized with the various representations of historical periods through the cinema: slavery, the Holocaust, the American Civil War, the Civil Rights Movement, etc. Insight into the relationship between "reality" and "representation" and the boundaries between history and film are examined. Students develop an understanding of how filmmakers have used and abused history and to what ends.

**3 credits**

### ART 242-243-244 UNIVERSITY CHOIR I/II/III

Fundamentals of voice production and the study and singing of great choral literature of various historical musical periods, in addition to the singing of outstanding representative folk and popular choral works.

May be repeated to a maximum of three semester credit hours.

Rehearsals are three hours per week.

Prerequisite: Permission of the instructor.

**1 credit each**

## ACCOUNTING

**ACC 121-122. INTRODUCTION TO ACCOUNTING I & II.** Basic principles of accounting; analysis and recording of business transactions; periodic adjustments, application of accounting principles

to cash, receivables, inventories, investments, fixed assets, liabilities, and owner equity; operation and analysis of financial statements.

Prerequisite: Successful completion of Mathematics 021 and 022 or a satisfactory score on the mathematics placement test.

**3-3 credits**

**ACC 221-222. INTERMEDIATE ACCOUNTING I & II.** Type of problems important for financial management policies. Includes accounting for corporate net worth, investments and funds, insurance, inventories, tangible and intangible fixed assets, liabilities and reserves, and branch accounting.

Prerequisite: Accounting 122.

**3-3 credits**

**ACC 440. COST ACCOUNTING.** A study of the principles and practices of cost accounting. Emphasis is placed on the role of cost in managerial decision-making, planning and control.

Prerequisites: Two degree-credit courses in MAT, ACC 122.

**3 credits**

**ACC 253. TAX ACCOUNTING.** Coverage of federal and territorial tax laws in the Netherlands Antilles, preparation of returns and record keeping for tax purposes; payroll; tax accounting problems of individual and business.

Prerequisite: Accounting 221.

**3 credits**

## BUSINESS MANAGEMENT

**BUS 112. INTRODUCTION TO BUSINESS.** Designed to prepare the student for a career in business administration and broaden his/her understanding of the vital role of business in our society. A study of the types of business ownership, a broad overview of business operations and an examination of the major segments of business administration.

Prerequisites: Completion of English 011 and English 012 or a passing score on the placement tests.

**3 credits**

**BUS 213. SMALL BUSINESS MANAGEMENT.** The administrative organization and management of small business with attention to sources of success and failure, records and credits, managing to sell, aspects of taxation and accounting.

Prerequisite: Business 112.

**3 credits**

**BUS 224. BUSINESS COMMUNICATION.** A review of the basic principles of English grammar. Discussion and practice of basic types of business messages, written and oral, with emphasis on improving habits and skills in reading, writing, speaking, listening and human relations.

Co-requisites: English 111, Speech 115, Business 112.

**3 credits**

**BUS 231. PRINCIPLES OF MARKETING.** Introduction to marketing management and analysis; distribution, promotion, pricing, product development, consumer motivation, and market research; case problems.

Prerequisite: Business 112.

**3 credits**

**BUS 232. SALESMANSHIP AND RETAILING.** This course provides the student with a conceptual understanding of the principles of persuasive communication in the marketing process focused on the inter-personal relations of buyers and sellers. Creativity will be stressed as a requisite for successful selling along with current practices used in both industrial and consumer goods market. In addition, the course will

acquaint students with the current operations of large and small retail businesses. Topics such as layouts, organization, budgeting and controlling, personnel management, services, and the acquisition and marketing of merchandise offerings will be discussed. The role of the retail merchant and management will also be explored.

Prerequisite: Business 231.

**3 credits**

**BUS 234. ADVERTISING AND PROMOTIONAL STRATEGY.** An examination of the principles of advertising with the emphasis on types of advertising, on advertising and promotional strategies directed toward the consumers of goods and services with an emphasis on planning and executing an effective campaign to achieve meaningful goals. The course focuses on the mass media used by advertisers and the creation and production of messages for these media. Audio-visual materials are utilized.

Prerequisite: Business 231.

**3 credits**

(This course was previously listed as BUS235.)

**BUS 241. PRINCIPLES OF MANAGEMENT.** A study of the basic principles of business management emphasizing the decision-making approach; planning, organizing, directing, and control in the business enterprise. A history of the study of business management.

Prerequisite: Business 112.

**3 credits**

**BUS 242. PERSONNEL MANAGEMENT.** Personnel management principles and practices; the role of the personnel department and its program; role of the operating supervisor and executives within the program; role of behavior sciences in the functional areas of personnel management.

Prerequisite: Business 241.

**3 credits**

**BUS 251. BUSINESS LAW.** Rules of law as they relate to business transactions, court systems and procedures, law of contracts, law of agency employer-employee relation, law of negotiable instruments, law of sales, law of property, bailment, insurance, and business organization. Laws in the Netherlands Antilles will be discussed as well as International legal guidelines.

Prerequisite: Business 112.

**3 credits**

**BUS 261. FINANCIAL MANAGEMENT.** An introduction to theory and technique for optimal investment of the capital resources of the firm under conditions of uncertainty. Topics include rate of return analysis, cost of capital theory and measurement, capital structure, dividend policy, promotion and reorganization.

Prerequisites: Math 232, Accounting 122, Economics 221 and 222, Business 112.

**3 credits**

## CARIBBEAN STUDIES

**CAR 231. CARIBBEAN CULTURE AND SOCIETY.** A comparative study of the development of Caribbean culture and society from colonial times to the present. Includes a case study of the Netherlands Antilles. Special attention will be given to the twentieth century and topics such as: labor unrest, relations between the U.S. and the Caribbean, Marcus Garvey, Negritude and PanAfricanism.

Prerequisite: English 111.

**3 credits**

## COMPUTER INFORMATION SYSTEMS

**CIS 011. KEYBOARDING.** Instruction in the use of touch typing, special keys and the mouse. Operating System, word processing and file management skills are introduced. Combined lecture/lab. This course partially prepares students for the computer literacy exam.

**2 non-degree credits**

**CIS 021. COMPUTER SKILLS.** This non-degree credit course is intended for students with minimal or no computer skills. Applications introduced include word processing, spreadsheets, personal information management, the Internet, keyboard and mouse skills. This course prepares students for the computer literacy exam.

**2 non-degree credits**

**CIS 101. BUSINESS SOFTWARE APPLICATIONS.** Industry standard software including spreadsheets, database management systems, personal information management, the Internet, and word processing will be studied in depth. The capabilities, limitations and special features of operating systems are studied. Extensive out-of-class computer work is necessary.

Prerequisites: successful completion of the computer literacy requirement.

**3 credits**

(This course was previously listed as CIS146.)

**CIS 121. DATA MANAGEMENT CONCEPTS.** Designed to familiarize students with the capabilities of Data Base Management Software (DBMS) products. Emphasis is on products used with microcomputers. Instruction on application, requirements and capabilities of various DBMS products, and the application of DBMS to solve data organization problems. Extensive out-of-class computer work is required.

Co-requisite: CIS 101.

**3 credits**

**CIS 210. BUSINESS INFORMATION SYSTEMS.** Provides the knowledge necessary to understand and manage computers and information within contemporary business environments. The procedures for evaluating, testing and selecting appropriate software and hardware systems are considered. Ethical issues and human factors in information systems are considered.

Prerequisites: CIS 101 and BUS 112.

**3 credits**

**CIS 250. INTRODUCTION TO OPERATING SYSTEMS.** An introduction to the basic principles of operating systems with emphasis on multiprogramming, resource allocation, memory management, process scheduling and file input and output. Basic operation control language, system utilities and their various techniques will be discussed.

Prerequisite: CIS 101.

**3 credits**

**CIS 270. COMPUTER SYSTEMS DEVELOPMENT.** Analysis and design of computer systems for various business applications starting from conception through definition, design, implementation, test and acceptance. Project planning will be discussed in depth. Use of word processors, language applications, query systems, database systems and the application of centralization versus distributive processing will be included in the overall analysis of the systems.

Prerequisites: BUS 112 CIS 210.

**3 credits**

**CIS 280. SYSTEMS DEVELOPMENT PROJECT.** The student will be required to undertake and successfully solve a data processing problem arising from an actual need in relation to either business or government under the direction and with the approval of a member of the faculty. The problem may be assigned by the instructor or solicited from the community.

Prerequisite: CIS 270.

**3 credits**

**CIS 300. PROCESS DESIGN AND EVALUATION.** Students learn to analyze and describe processes, extract problem descriptions from scenarios. Successful students will develop working instructions using logic structures and information bases. Business issues in process development are stressed. Students will produce some programming.

Prerequisites CIS 210.

**3 credits**

**CIS 310. ADVANCED BUSINESS SOFTWARE APPLICATIONS.** Provides the knowledge and skills necessary for the advanced use of business applications with particular emphasis on logic, programming, macros, and transferring data or files between various application packages. Prerequisite: CIS 300.

**3 credits**

**CIS 357. BUSINESS INFORMATION NETWORKS.** Provides a marketable competence in contemporary business information network technologies including intranets, extranets and the Internet. Students will collect, process, organize and communicate information. Students will use multimedia and other intercommunication tools to facilitate interpersonal interactions.

Prerequisite: CIS 310.

**3 credits**

## COMPUTER SCIENCE

**CSC 117. INTRODUCTION TO PROGRAMMING I.** This course requires no previous programming background. Students will learn the use of a programming environment, which includes the program editor, libraries, and compiler. Students will learn the use of basic data types, statements, controls, and structures. A high-level computer programming language will be explored in the context of solving problems. Procedures and functions will be introduced while stressing the concepts of program modularity and top-down design. Students participating in this course must have acquired the skills of sending and receiving attached documents by email and they must be familiar with web browser navigation. Students are expected to access class resources on the Internet daily. It is strongly recommended that students have a computer with available access to the Internet.  
**4 credits**

**CSC 118. INTRODUCTION TO PROGRAMMING II.** This is a continuation of the basic language features and elementary problem solving of the course, Introduction to Programming I. Criteria for well-formed problem definitions are examined, and increasingly sophisticated problem solving strategies are explored as more advanced programming elements are introduced. Recursion is introduced and compared to iterative solutions in terms of program efficiency and program simplicity. Data files of more complex data types, the use of pointers, dynamic structures, and basic abstract data files are introduced. Top-down development of programming solutions, as well as concepts in program modularity, are further emphasized. The processes of program documentation, production, testing and maintenance are studied. This course establishes a foundation for professional programming and software engineering design skills.  
Prerequisite: CSC117.  
**4 credits**

**CSC 119. COMPUTER GRAPHIC APPLICATIONS.** This course assumes the ability to enter, edit and display text, and focuses on the production and manipulation of graphic images. The student develops skills in the use of software application for painting, desktop publishing, line drawing and animation. Students acquire a working familiarity with computer-based communication systems through the use of electronic mail and electronic conferencing for joint projects and tutorial support. Students participating in this course must have acquired the skills of sending and receiving attached documents by email and they must be familiar with web browser navigation. Students are expected to access class resources on the Internet daily. It is strongly recommended that students have a computer with available access to the Internet.  
**1 credit**

**CSC 197,198. SEMINAR IN COMPUTER SCIENCE I, II.** These seminars complement other computer science courses by developing concepts that integrate material across course boundaries and by considering new developments in computing and the social context of these developments. The courses emphasize critical thinking and integration of information from a variety of sources, and provide a forum for the student to develop and articulate ideas, concepts and professional opinions.  
**1 credit each**

**CSC 239. SCIENTIFIC COMPUTER APPLICATIONS.** This course develops understanding and skills in the use of computer applications and software as a tool for scientific work. An ability to enter, edit and display text and numeric data is assumed and the course focuses on the analysis of numeric data, the exploration of numeric and logical relationships, and the integrated use of application software packages to create, maintain and analyze databases. Monitoring of physical systems and acquisition of quantitative data through hardware interfaces is considered and exemplified. Students participating in this course must have acquired the skills of sending and receiving attached documents by email and they must be familiar with web browser navigation. Students are expected to access class resources on the Internet daily. It is strongly recommended that students have a computer with available access to the Internet.  
**2 credits**

**CSC 240. HUMAN-COMPUTER INTERFACE DESIGN.** An introduction to Human-Computer interaction, the theory of user interfaces, and the application of user interface theory to software design and engineering. The following topics are emphasized: input/output devices,

characteristics of user interfaces, human factors, and programming tools for constructing user interfaces.  
Prerequisite: CSC117

**2 credits**

**CSC 241. INTRODUCTION TO COMPUTER ARCHITECTURE AND DIGITAL SYSTEMS.** The representation and processing of data by logical circuits are developed from principles of Boolean logic and binary arithmetic. A basic model of a computer CPU is extended to alternative bus architectures and approaches to I/O and memory access. Execution cycle processes are developed and alternative instruction sets are compared. Parallel, multiprocessor and distributed processing approaches are explored.  
Prerequisite: CSC117

**4 credits**

**CSC 242. DATA STRUCTURES.** An introduction to data structures, program specification and design emphasizing abstract data types and their implementation. Arrays, lists, queues, trees, and graphs will be examined along with their implementation for specific applications. Set operations involving abstract data types will be covered. A series of searching and sorting techniques using various data structures will be analyzed looking at efficiencies based on memory and run-time.

Prerequisite: CSC118

**4 credits**

**CSC 243. DIGITAL COMMUNICATIONS AND NETWORKS.** This course establishes fundamental networking principles in connectivity, transmission, addressing and network management. Analysis and comparison of specific systems illustrates application of principles, and students acquire hands-on skills in the implementation, operation and maintenance of networks. User interfaces and information resources available through the Internet are explored and societal implications of communications and networks considered.

Prerequisite: CSC117 or CIS300

**4 credits**

**CSC 250. OPERATING SYSTEMS.** An introduction to the basic principles of operating systems with emphasis on multiprogramming, resource allocation, memory management, process scheduling and file input and output. Basic operation control language, system utilities and their various techniques will be discussed.

Prerequisites: CSC118, CSC241, CSC242; Corequisite: CSC243

**3 credits**

### DIRECTED STUDY (DSY)

#### DSY 221, 222, 223 DIRECTED STUDY I/II/III

Open courses permitted students to pursue study in a specific area not accommodated in regular courses. The student designs the course in consultation with the supervising professor. Students intending to take one of these courses must obtain approval from the Dean.

**1, 2, or 3, credits**

### DUTCH

**DUT 101-102. ELEMENTARY DUTCH I & II.** For students with no previous knowledge of Dutch and who wish to acquire a sound basis for the active command of the language. The first part of the course is devoted largely to aural training in the language and to the study of fundamental language concepts. Later in the course students are introduced to cultural reading material with a view to increasing their oral and aural skills. Simple written exercises designed to increasing command of the language will also be given.

**4-4 credits**

**DUT 201-202. INTERMEDIATE DUTCH I & II.** This course emphasizes speaking and understanding Dutch. The primary objective of this course is the development of further development of communication skills through grammar drills. The emphasis is on speaking and understanding Dutch, comprehension, pronunciation, vocabulary and conversation. Drills to develop the ability to understand spoken and written Dutch.

Prerequisite: Dutch 102 or successful completion of the Advanced Placement Test.

**3-3 credits**

**DUT 301-302. ADVANCED DUTCH I & II.** Designed to further develop fluency and accuracy in the spoken language, enhance reading, writing and listening skills. Conducted entirely in Dutch. General introduction to Dutch literature. Impromptu discussions in Dutch on current topics and topics of interest.

Prerequisite: Dutch 202 or approval of the Dutch Coordinator.

**3-3 credits**

**DUT 401-402. DUTCH COMPOSITION AND LITERATURE I & II.**

Extensive practice in written and oral expression. Correspondence and conversation with an emphasis on cultural and current topics. Further studies of various representative Dutch authors and poets.

Prerequisite: Dutch 302 or approval of the Dutch Coordinator.

**3-3 credits**

## ECONOMICS

**ECO 221. INTRODUCTION TO MACROECONOMICS.** Examine the major problems of economic stability, growth, unemployment, and the role of the government in controlling and regulating economic activity with particular focus upon fiscal and monetary policies.

Prerequisite: General education mathematics requirement or equivalent competence established by examination.

**3 credits**

**ECO 222. INTRODUCTION TO MICROECONOMICS.** A thorough examination of price determination and how the market mechanism operates in allocating resources among alternative use. Public policy in relation to business and labor.

Prerequisite: General education mathematics requirement or equivalent competence established by examination.

**3 credits**

## EDUCATION

**EDU 221. FOUNDATIONS OF EDUCATION.** This course is a historical study of the role of education in St. Maarten. It is designed to assist the student with a variety of significant education literature and to provide an opportunity to examine the basic ideas (philosophical, sociological, and psychological) which have tended to give form and purpose to educational thought and practice in St. Maarten.

Prerequisite: ENG112.

**3 credits**

**EDU 230. EDUCATIONAL PSYCHOLOGY.** An introduction to the ways in which psychological principles and theories of development apply to educational practice. The focus is on the basic processes of development-cognitive, social and personality, moral, emotional, physical, language-from infancy through adolescence with special reference to their relationship to learning and instruction. The psychology of learning, motivation and social factors in education is also considered.

Prerequisite: ENG112, PSY120.

**3 credits**

**EDU 300. PHILOSOPHY OF EDUCATION.** This is an examination of the philosophical bases behind the major approaches to education in the modern world, as well as an exploration of primal and classical approaches and postmodern challenges from liberationist and ecological approaches. Prerequisite: ENG112.

**3 credits**

**EDU 310. HUMAN GROWTH AND DEVELOPMENT.** This course provides an examination of the concepts, methods and problems of human development with consideration of both its psychological and psychosocial aspects. It studies the physical, intellectual, emotional, moral and social aspects of the growth of the normal individual. Emphasis is placed on the psychology of learning, maturation, nature-nurture, cognition, perception and personality.

Prerequisite: PSY120.

**3 credits**

**EDU 311. LEARNING DISABILITIES**

This course introduces students to the nature of disabilities, particularly *learning disabilities* (including concepts and terminology). Emphasis is placed on students developing both a knowledge and skill base for application in various situations. Attention is given to the historical and

current perspective of special education.

Prerequisite: Permission of instructor or Division Head.

**3 credits**

**EDU 312. CREATIVE ARTS FOR TEACHERS.** This course is designed to teach methods in art, handicrafts and music. Current methods and teaching techniques for each area are presented in a concrete and meaningful manner, integrating the lessons into other curricular areas.

**3 credits**

**EDU 314. PHYSICAL EDUCATION, HEALTH AND SAFETY.** A variety of individual and group sports are covered. Example programs are developed to meet the physical education needs of each student.

Instruction covers basic nutrition and gives students skills in emergency procedures.

**3 credits**

**EDU 315. CURRICULUM DEVELOPMENT AND INSTRUCTION.** A study of the theoretical bases of curriculum planning and design, and of the influences of learner, society and knowledge sources on the process of curriculum development and classroom instruction. Emphasis is placed on the selection, planning and implementation of teaching strategies, methodologies and instruction materials appropriate for individualized and group instruction. Prerequisite: EDU221.

**3 credits**

**EDU 318. INSTRUCTIONAL TECHNOLOGY.** Practice application of audiovisual methods and materials for instruction including the operation of equipment, computer uses and the planning and effective use of instruction technology with special emphasis on the development and use of training aids.

**3 credits**

**EDU 325. MEASUREMENT AND EVALUATION.** Study of measurement and evaluation techniques appropriate to the assessment of classroom instruction. Emphasis is placed on test construction, criterion-referenced and norm-referenced testing, and on alternative evaluative procedures used to measure and report student progress. Prerequisite: EDU315.

**3 credits**

**EDU 326. CLASSROOM MANAGEMENT.** Principles and practices for managing classroom behavior including preventive strategies, group and individual techniques and social, cultural and psychological concerns. Emphasis is on the development of a personal philosophy and approach to effective classroom management.

Prerequisites: EDU221, EDU230.

**3 credits**

**EDU 328. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.** A course designed to provide theory and methodology in the social studies area. It emphasizes the use of the unit plan and problem approaches in teaching social studies and providing social studies learning. Students learn to implement objectives, concepts and generalizations, graduated thinking skills, and evaluation tools.

**3 credits**

**EDU 330. MATHEMATICS AND THE ELEMENTARY TEACHER.** This provides a detailed examination of the mathematical content that is prerequisite for teaching elementary school mathematics. The course examines the development of methods and materials for teaching. The pre-algebra curriculum includes: the four basic computation operations for whole numbers, fractions, and decimals; problem solving' geometry; measurement; graphs and charts; and probability. A problem-solving focus emphasizes hands-on activities, cooperative learning, and alternative assessment. Field experiences assist in the instruction of mathematics.

**4 credits**

**EDU 340. SCIENCE IN THE ELEMENTARY SCHOOL.** This course examines the basic topic areas at each elementary grade level. Emphasis is placed on scientific procedures, including hypothesizing, observing, data gathering, generalizing, etc. The student will learn to clarify problems and design experiments for class presentation. The student learns to design stimulating exhibits and discussions based on scientific materials.

**3 credits**

**EDU 350-351. LANGUAGE ARTS AND LITERATURE.** This course is a study in the methods and materials used in the teaching of reading, language, spelling, and handwriting in the elementary grades. It deals with the interrelatedness of the skills in reading, writing, speaking, listening, and studying. Students learn to plan, design, and implement a reading-for-pleasure program. The materials also address the identification and diagnosis of reading disabilities and suggested remedial procedures.

**3-3 credits**

**EDU 418. SEMINAR IN ELEMENTARY EDUCATION I.** A consideration of problems encountered in schools and of strategies for teaching at this level.

Prerequisite: Permission of the Division Head or Dean.

**2 credits**

**EDU 420. SEMINAR IN ELEMENTARY EDUCATION II.** Problems and successes encountered during the practical experiences are addressed in this weekly seminar. To be taken concurrently with EDU452.

Prerequisite: EDU418.

**2 credits**

**EDU 452. STUDENT TEACHING.** Designed to develop high level teaching competence through observation, participation, direct full-day teaching experience, and related conferences. Guidance towards the development of specified competencies is provided by selected faculty of local schools and the University instructor.

Prerequisite: Permission of the Division Head or Dean.

**8 credits**

## ENGLISH

**ENG 011. ENGLISH SKILLS.** Begins with a study of the essentials of English grammar, punctuation, diction and spelling, which is followed by elementary expository writing with concentration on sentence structure and paragraph development. The course is designed for students who need preparation for college writing.

**3 non-degree credits**

**ENG 012. READING AND VOCABULARY IMPROVEMENT.** Designed for those students below college level in reading skills and or in vocabulary. All students will be required to reach a minimum reading efficiency that will permit them to pursue a college career successfully. Attention will be given to comprehension, study skills, reading in the content areas and vocabulary. Successful completion of the placement test is necessary for passing the course.

**3 non-degree credits**

**ENG 111. ENGLISH COMPOSITION I.** Involves an intensive study of diction, sentence structure, paragraph development and essay organization as well as a review of grammar and writing mechanics. Composition assignments range from narrative paragraphs to expository essays and research.

Prerequisite: A satisfactory grade on the English placement examination or completion of English 011-012.

**3 credits**

**ENG 112. ENGLISH COMPOSITION II.** Reinforces the composition skills studied in English 111 and introduces students to analytical and argumentative writing. The course also includes instruction in and preparation of an extended research paper. Refinement of proofreading and editing skills are expected.

Prerequisite: English 111.

**3 credits**

**ENG 231. ELEMENTS OF LITERATURE** Through a study of various kinds of verse, including West Indian poetry, students are introduced to the elements of poetics and their use in the interpretation and evaluation of poetry.

Prerequisite: English 112.

**3 credits**

**ENG 243. CARIBBEAN LITERATURE.** A study of representative works from the oral tradition, poetry, prose fiction and literary criticism by Caribbean writers.

Prerequisite: English 112.

**3 credits**

## FRENCH

**FRE 101-102. ELEMENTARY FRENCH I & II.** For students with no previous knowledge of French and who wish to acquire a sound basis for the active command of the language. The first part of the course is devoted largely to aural training in the language and to the study of fundamental language concepts. Later in the course students are introduced to cultural reading material with a view to increasing their oral and aural skills.

**4-4 credits**

**FRE 201-202. INTERMEDIATE FRENCH I & II.** An intensive review of oral and written composition, together with reading of selected modern short stories and poems, to be followed by reading of French masterpieces of classic literature. Oral and written reports in French will be required.

Prerequisite: FRE 102.

**3-3 credits**

## FRESHMAN DEVELOPMENT

**FDS 100. FRESHMAN DEVELOPMENT SEMINAR.** A course designed to increase freshman students' success in a college setting by assisting them in obtaining skills necessary to reach their educational objectives. Topics in this course include self-assessment, time-management, study skills, decision-making, career awareness, personal development issues and communication skills.

**1 credit**

## HISTORY

**HIS 181,182. WORLD CIVILIZATION I & II.** A survey of the history of the major developments in world civilization, with emphasis on the political, social, religious, intellectual and artistic activities.

Prerequisite: English 111.

**3,3 credits**

## HOTEL AND RESTAURANT MANAGEMENT

**HRM 132. FUNDAMENTALS OF TOURISM.** An introduction to the broad fields of travel and tourism. Among the topics covered are the historical, economic, social, cultural, psychological and marketing aspects of human travel and the tourism industry globally, and with a special focus on the Caribbean region.

**2 credits**

(This course was previously listed as HRM128.)

**HRM 133. INTRODUCTION TO RESORT HOTEL MANAGEMENT.**

Exposure to the many career opportunities in resort hotels, with an overview of the organization and structure of resort operations. Responsibilities of managers and problems specific to resort operations in a Caribbean environment will be examined.

**2 credits**

**HRM 134. INTRODUCTION TO RESTAURANT MANAGEMENT.** The fundamentals of food and beverage management with an overview of guest expectations in food service, nutrition concerns of today's consumers, menu management, automation, marketing, sanitation, and financial management. Problems specific to restaurant operations in a Caribbean environment will be examined.

**2 credits**

**HRM 232. HOSPITALITY SERVICES MARKETING.** Provides students with basic knowledge to develop effective strategies and tactics specific to the marketing of hospitality services. Special emphasis will be placed on the development of a marketing plan for a Caribbean resort hotel to target and capture a specific niche within the leisure vacation market.

**3 credits**

**HRM 233. HOSPITALITY INDUSTRY COMPUTER SYSTEMS.** A study of computer applications for lodging and food and beverage operations. Covers hotel property management systems for service as well as management-oriented functions. Examines generic applications software, reservations systems, and other essential components of property management systems.

**3 credits**

**HRM 234. HOSPITALITY INDUSTRY ACCOUNTING.** This course exposes students to hospitality accounting concepts, hotel revenue and expense accounting, tip reporting, minimum wage requirements, financial statements, and how they apply to each specific operation

within the hospitality industry. Special emphasis will be on the study of the Uniform System of Accounts for Hotels.

**3 credits**

#### **HRM 236 SUPERVISORY SKILLS**

Students are shown how to recognize their role as a leader, a motivator, problem solver and team member, while staying focused on the main objective of their function. Seminar topics include leadership styles, forms of organizations and groups, communication, teambuilding and performance review.

**3 credits**

#### **HRM 238 STUDY TOUR**

A domestic or foreign study tour to investigate a destination. Tour itineraries will be planned to meet specific course and degree program objectives; participation in pre and post tour academic activities will be required. Students are normally responsible for the costs of the tour in addition to tuition.

Prerequisite: Permission of the Department Head.

**3 credits**

#### **HRM 240 HUMAN RESOURCE MANAGEMENT**

Students examine the different labor market issues, in legal and political context. They review the different techniques for recruitment and selection. They are shown the importance of setting performance standards, and introducing training and performance evaluation in order to reach and maintain those standards. Participants also review compensation, recognition and promotion programs.

**3 credits**

**HRM 242. HOSPITALITY INDUSTRY PERSONNEL TRAINING.** This course is designed to provide applications of proven training systems and methods for managers in the hospitality industry and covers the elements of training for a new or established hospitality operation. Topics covered include job analysis, job descriptions and specifications, training programs, coaching, counseling and performance reviews.

**3 credits**

**HRM 243. FRONT OFFICE MANAGEMENT.** This course presents a systematic approach to front office operations in a hotel with a step-by-step illustration of the guest cycle beginning with the reservation process and ending with the checkout and settlement of guest folios.

**3 credits**

(This course was previously listed as HRM103.)

**HRM 244. HOUSEKEEPING MANAGEMENT.** Provides an overview of all aspects of housekeeping management principles and practices relative to the internal maintenance and cleaning of lodging facilities and supplies. Room preparation, cleanliness, record keeping, scheduling and inspection, and departmental organization will be covered.

**3 credits**

**HRM 245. FOOD AND BEVERAGE COST CONTROL.** The control of costs in food and beverage operations will be studied. Students will gain an understanding of the planning and control process focusing on products, labor, material, and sales income and learn to implement effective cost-control procedures. Sanitation management and strategies for avoiding food contamination and spoilage will be addressed.

**3 credits**

**HRM 246. BAR AND BEVERAGE MANAGEMENT.** This course is designed to expose students to the identification, use and service of wines and other alcoholic beverages. The various elements of beverage operations including purchasing, control, merchandising and bar management are analyzed. Special emphasis will be placed on the management of service in food and beverage operations.

**3 credits**

#### **HRM 248 GUEST SERVICE EXCELLENCE**

Students learn to recognize the basic needs of the Caribbean traveler and to explore ways to fulfill unexpressed needs. Different communicative means are reviewed from cyber ethics to body language. Students will explore the possibility of continuity in guest service throughout the stay by the different staff members as a team.

**3 credits**

**HRM 250. INTERNSHIP.** A work study program arranged on an individual student basis with participating hospitality organizations. Each student will be assigned an individual division faculty member as sponsor and counselor who will assist and supervise the student through

his or her work study experience. Both the student and the sponsoring hospitality organization will establish practical learning goals and provide periodic feedback to the division on progress toward meeting these goals. Students will be required to render periodic written and oral reports on their internship experience. They will also be required to participate in professional development activities and internship seminars.

Prerequisites: 18 credit hours of HRM or permission of the Dean.

**3 credits**

### **JOURNALISM**

#### **JOU 101 INTRODUCTION TO MASS MEDIA**

This is an introductory course to acquaint students with the various media that communicate public information and mold public opinion. Newspapers, magazines, radio, television, trade publications, public relations and the motion picture field are surveyed. Considerable reading and analytical projects on these media are assigned.

**3 credits**

### **MATHEMATICS**

**MAT 021. PRE-ALGEBRA.** This is a non-credit course designed to provide students, whose scores on the mathematics placement tests indicate a deficiency in arithmetic, the basic skills necessary to succeed in courses requiring computation. An emphasis is placed on problem solving techniques and application of arithmetic skills. It is also designed as a prerequisite for Math 022.

**4 non-degree credits**

**MAT 022. BEGINNING ALGEBRA.** This is a non-credit course designed to provide the basic skills necessary to succeed in university-level mathematics and mathematic dependent course for students whose scores on the algebra section of the mathematics placement test indicate a deficiency. It introduces students to basic algebra concepts and teaches them to use these concepts in problem solving.

**4 non-degree credits**

**MAT 141. COLLEGE ALGEBRA.** Fundamental concepts of college algebra with preparation for calculus. Topic will include factoring, integer and rational exponents, simplifying algebraic expressions, solving equations and inequalities, the function notation, exponential and logarithmic function, graphs of functions and applications.

Prerequisite: Math 022 or placement test.

**4 credits**

**MAT 142. COLLEGE TRIGONOMETRY.** Fundamental concepts of trigonometry and preparation for calculus. Topics will include angle measurement, the circular functions and their graphs, laws of sines and cosines, solution of triangle, solution of trigonometric equations, and inverse trigonometric functions, applications to vectors and complex numbers.

Prerequisite: Mathematics 141.

**4 credits**

**MAT 231. INTRODUCTION TO STATISTICS.** An introduction to statistics and statistical inference. Topics will include descriptive statistics, measures of central tendency and variability, probability theory, the binomial and normal distributions, correlation and linear regression, tests of hypotheses such as the t-test and the chi-square test, and the application and interpretation of statistical measures.

Prerequisite: Math 141.

**4 credits**

**MAT 232. CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.** A calculus course with emphasis on techniques, graphs and applications rather than theory. Topics include functions; limits, continuity and rates of change; the derivative; exponential and logarithmic functions; the definite integral and functions of several variables.

Prerequisite: Math 141.

**4 credits**

### **MUSIC**

#### **MUS 124. INTRODUCTION TO MUSIC AND MUSIC APPRECIATION.**

A music course to broaden the non-music major's understanding of music as a subject related to other arts and sciences. Class work is divided between the study of music fundamentals, rhythmic structure and form and listening lessons arranged to illustrate the evolution of

music.  
3 credits

## NATURAL SCIENCE

**NSC 101,102. FOUNDATIONS OF NATURAL SCIENCE.** A review of the underlying concepts common to all of the natural science, with emphasis on the inter-relationships of natural phenomena. Principles and applications from astronomy, chemistry, earth science and physics will be considered. Three lectures and three hours of laboratory weekly. Some lab sessions may take the form of scheduled field trips.

4,4 credits

### NSC206-207 PHYSICAL GEOLOGY I&II

Students are introduced to the basic principles of geology and appreciate many of the relationships between people and the environment. Common minerals and rocks are identified using their physical properties. Geologic processes that operate on the face of the Earth are described and mechanism and effects of geologic hazards and discussed. Particular attention is paid to the geologic features of St. Maarten and the Caribbean.

NSC 206 may be taken alone. NSC 206 is a prerequisite for 207.

4 credits each

## PHILOSOPHY

**PHIL 232. INTRODUCTION TO METAPHYSICS AND HUMAN VALUES.** An introduction to various ideas concerning the nature of reality and the foundation, meaning and purpose of human values.

3 credits

## POLITICAL SCIENCE

**POL 120. INTRODUCTION TO POLITICAL SCIENCE.** Examines the various forms politics takes in relation to the state, political institutions and individuals, in an effort to understand the world at large and one's position in it.

3 credits

**POL 121. CARIBBEAN GOVERNMENT AND POLITICS.** A comparative study of development, structure and processes of government and politics of the Caribbean Islands, with special reference to problems of national integration, political identity, constitutional independence and political ideology, and to the various solutions to these problems which have been adopted.

3 credits

## PSYCHOLOGY

**PSY 120. GENERAL PSYCHOLOGY.** A broad overview of the field of psychology. Such topics as basic human neurophysiology, child development, principles of learning, social psychology, abnormal behavior, personality development and approaches to clinical intervention will be covered.

3 credits

**PSY 121-122. INTRODUCTORY PSYCHOLOGY I & II.** An introduction to the study of behavior. The purpose of this course is to familiarize the student with the basic methods of psychology, the terminology, and with some of the major issues in the study of behavior. The following topics will be included: Brain function, perception, sensation, motivation, learning and intelligence in Psychology 12 1, and development, social behavior and abnormal processes in Psychology 122.

3-3 credits

(These courses have been replaced by PSY120.)

## PHYSICAL EDUCATION

**PED111-112-113 PHYSICAL EDUCATION AND HEALTH** Health instruction, group exercise, and a variety of sports activities are undertaken based on the physical education needs of the students. Emphasis is on the development of skill in individual and team sports which the student can use. On occasion students may have the opportunity to learn approved techniques of cardiopulmonary resuscitation for victims of all ages. Students should consult with the instructor regarding specific activities in a given semester. May be repeated to a maximum of three credits.

1 credit each

## RELIGION

### REL212 COMPARATIVE RELIGIONS

The conditions and tensions present in any attempt at comparing religions are identified and examined. Thereafter, the basic issues concerning the five world religions (Hinduism, Buddhism, Judaism, Christianity, and Islam) are studied.

3 credits

## SOCIOLOGY

**121. INTRODUCTION TO SOCIOLOGY.** Analysis of the basic perspectives, concepts and methods used in studying societies. Society and culture: diversity and uniformity, society and the individual. Social organization: primary groups, family, kinship and marriage, stratification, racial and ethnic groups, communities. Social institution: religious, educational, scientific, political, and economic. Population and society: deviancy, conformity, and social change. A focus on the sociology of St. Maarten is emphasized.

3 credits

## SPANISH

### SPA101-102 ELEMENTARY SPANISH I&II

For students with no previous knowledge of Spanish and who wish to acquire a sound basis for the active command of the language. The first part of the course is devoted largely to aural training in the language and to the study of fundamental language concepts. Later in the course students are introduced to cultural reading material with a view to increasing their oral and aural skills.

4 credits each

### SPA201-202 INTERMEDIATE SPANISH I&II

An intensive review of oral and written composition, together with reading of selected modern short stories and poems, to be followed by reading of Spanish masterpieces of classic literature. Oral and written reports in Spanish will be required.

Prerequisite: SPA102 or permission of the instructor.

3 credits each

## SPEECH

**115. INTERPERSONAL COMMUNICATION.** A study of the theory of personal communication with emphasis on self-concept, symbol and meanings, verbal and non-verbal communication, interviewing and basic principles of interaction in small group discussion.

Prerequisite: English 011 and 012 or successful completion of Placement Test.

3 credits

**116. GROUP DYNAMICS AND PUBLIC SPEAKING.** A course designed to assist and guide students in planning and delivery of effective oral presentations in a variety of settings. Provides practical experience in the preparation and presentation of effective public speaking.

Prerequisite: Speech 115.

3 credits



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