

ACC 203(Sec #) Accounting Principles I **Credit 3**
 An introduction to principles and practices with emphasis on the sole proprietorship, servicing and merchandising companies. The accounting cycle is applied to the analysis of transactions resulting in preparation, analysis and interpretation of financial statements. Prerequisite: MAT 117 or higher.

20459(30) Session I 06/02-06/26 MTWRF 8-9:50am MK 115

ACC 204(Sec #) Accounting Principles II **Credit 3**
 An introduction to principles and practices with emphasis on the partnership and corporate forms of business including manufacturing companies. It incorporates managerial concepts in planning, controlling, analyzing and internal reporting as it affects the decision-making process and emphasizes the preparation and analysis of the statement of cash flow. Prerequisites: ACC 203.

20460(30) Session I 06/02-06/26 MTWRF 10:00-11:50 BU 209

ACC 360 (Sec #) Acc Coop Edu / Internship **Credit 3**
 Co-ops and internships are on the job experiences in the area of accounting in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for six month duration and worth up to 9 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for Co-ops or internships in their junior and senior years.

20093(30) Session II 06/16 - 07/24 TBA

APS 697 (Sec #) APS Research **Credit 1-12**
 Research on problems leading to a thesis or dissertation. A total of no more than 6 hours of APS 697 research will be given a letter grade; all other credits hours will be graded as Satisfactory/Unsatisfactory

20467(30) Session II 06/16 - 07/24 TBA

20468(31) Session II 06/16 - 07/24 TBA

20469(32) Session II 06/16 - 07/24 TBA

APS 698 (Sec #) Thesis **Credit 1**
20472(30) Session II 06/16 - 07/24 TBA

APS 797(Sec #) APS Dissertation Research **Credit 1-12**
20470(30) Session II 06/16 - 07/24 TBA
20471(31) Session II 06/16 - 07/24 TBA

APS 798(Sec #) Final Oral Exam **Credit 1**
20473(30) Session II 06/16 - 07/24 TBA

ARC 305(Sec #) Urban & Community Design Studio **Credit 3**
 An internationally based experience in Design, Theory and the History of Architecture and Urbanism. Topics include Theories of Urban Form, Design in the Historical Context, Architectural Histories particular to location, the relation of architecture and urbanism to the social and cultural setting, and freehand drawing and sketching. Prerequisites: ARC 304, 317

20712(30) Session I 06/02 - 06/26 TBA

20710(31) Session I 06/02 - 06/26 TBA

20709(32) Session I 06/02 - 06/26 TBA

ARC 310(Sec #) Structures II **Credit 3**
 Applied study of the behavior of typical structural elements (beams, columns, frames, trusses and connections) in the design of wood structural systems and derivative engineered products. Pre-requisite: ARC 309.

20711(30) Session III 06/29 - 07/24 TBA

ARC 430 (Sec #) Indiv Project in Architecture **Credit 1-3**
 Research reading and design in architecture or related subjects. Open to all students at all levels. Prerequisite: Consent of instructor and chairperson. Either semester course may be repeated.

20109(30) Session I 06/02 - 06/26 TBA

ART 501 (Sec #) Special Project in Art I **Credit 1 -4**
 Individual projects in studio art selected by the student for advance investigation with the written approval of the chairperson. May not duplicate existing course. May be repeated.

20162(30) Session II 06/16 - 07/24 TBA

20284(31) Session II 06/16 - 07/24 TBA

ART 502 (Sec #) Special Project in Art II **Credit 1- 4**
 Individual projects in studio art selected by the student for advance investigation with the written approval of the chairperson. May not duplicate existing courses. May be repeated.

20163(30) Session II 06/16 - 07/24 TBA

AVN 300 (Sec #) Coop Work Study **Credit 3-6**
 A work-study program under agreement with an organization within the aviation industry. Students must meet eligibility requirements and be recommended by the Department Chairman.

20300(31) Session I 06/02 - 06/26 TBA

20246(30) Session II 06/16 - 07/24 ST 269

20302(32) Session III 06/29 - 07/24 TBA

AVN 400 (Sec #) Coop Work Study **Credit 3-6**
 A continuation of the work study process begun under AVN 300. Prerequisite: Successful completion of AVN 300 and recommendation by the Department Chairman.

20301(31) Session I 06/02 - 06/26 TBA

20247(30) Session II 06/16 - 07/24 TBA

20303(32) Session III 06/29 - 07/24 TBA

AVN 499(Sec #) Senior Research Topics in Aviation **Credit 3-6**
 Designed as a capstone course for all aviation courses of study.

Emphasis will be placed upon participating in an independent research project with a designated research mentor. The student will produce a publication quality research report or thesis. Prerequisite: Consent of the research mentor.

20732(30) Session I 06/02 - 06/26 TBA

20734(32) Session II 06/16 - 07/24 TBA

20733(31) Session III 06/29 - 07/24 TBA

BIO 103(Sec #) General Biology **Credit 4**
 Introduction of biological principles as exemplified in a wide range of organisms; basic concepts are discussed with emphasis on methods of inquiry which led to their discovery. Laboratory fee,

20248(30) Session I 06/02-06/26 MTWRF 10-11:45 DU 109

20249(79) LAB 06/02-06/26 TBA DU 208

BIO 104(Sec #)Lab in Molecular Biological Tech **Credit 3**
 Introduction to techniques designed to familiarize the student with some of the current research in molecular cell biology. Participation in research project in collaboration with faculty supervisor. Prerequisite: Consent of the department chair.

20538(79)Lab(Pre-College Only)06/23-07/24 MTWR 1:30-4:30

BIO 224 (Sec #) Anatomy & Physiology **Credit 4**
 A two-semester course which deals with essentials of human anatomy in relation to functions of the organ systems. Prerequisite: BIO 103. Lab fee \$10.00.

20250(30) Session I 06/02-06/26 MTW 8-10:50 DU 209

20251(79) LAB 06/02-06/26 MTW 11-12:50 DU 209

****Main Campus Only****

BIOV 224(Sec #) Anatomy & Physiology I **Credit 4**
 A two-semester course which deals with essentials of human anatomy in relation to functions of the organ systems. Prerequisite: BIOV 103.

20592(30) Session I 06/02 - 06/26 MTWRF TBA

20593(79) Session I 06/02 - 06/26 MTWRF TBA

****Virginia Beach Campus Only****

BIO 225 (Sec #) Anatomy & Physiology II **Credit 4**
 A two-semester course which deals with essentials of human anatomy in relation to functions of the organ systems. Prerequisite: BIO 103. Lab fee \$10.00

20252(30) Session III 06/29-07/24 MTW 8:00-10:50 DU109

20253(79) LAB 06/29-07/24 TBA PH 213

****Main Campus Only****

BIOV 225(Sec #) Anatomy & Physiology II **Credit 4**
 A two-semester course which deals with essentials of human anatomy in relation to functions of the organ systems. Prerequisite: BIO 103. Lab fee \$10.00

20737(30) Session III 06/29 -07/24 MTWRF TBA

20738(79) Lab 06/29 - 07/24 MTWRF TBA

****Virginia Beach Campus Only****

BIO 407(Sec #) Special Projects Credit 2-3
Introduction to problems on special phases of biology.
Prerequisites: advanced standing and consent of instructor.
20580(30) Session I 06/02 – 06/26 TBA
20581(31) Session III 06/29 – 07/24 TBA

BIO 408 (Sec #) Research Problems Credit 2-3
Participation in research project in collaboration with faculty supervisor, or an original independent research problem.
Prerequisite: Advanced standing and consent of instructor. Lab fee, \$10

20254(30) Session I 06/02 – 06/26 TBA
20642(31) Session I 06/02 – 06/26 TBA

BIO 501 (Sec #) History and Principles of Biology Credit 3
Lecture course which deals with significant developments in the field of biology. Intensive readings dealing with important biological concepts and relation of these concepts to other areas of science. Prerequisite: Senior level preparation in biology or consent of the department chair.

20544(30) Session I 06/02-06/26 MTW 9:00-11:00 DU 205

BIO 505 (Sec #) Research Problems Credit 3-6
Designed primarily for senior level undergraduate and first year graduate students. Emphasis will be placed upon laboratory oriented studies and projects. Prerequisite: Advanced standing and consent of instructor

20371(33) Session I 06/02 - 06/26 TBA
20255(31) Session II 06/16 – 07/24 TBA

BIO 650 (Sec #) Research Topics in Biology Credit 3
Emphasis upon materials, techniques, and subject matter content that may form the basis for a thesis program. Prerequisite: Consent of department chairperson

20585(30) Session I 06/02 – 06/26 TBA
20643(32) Session I 06/02 – 06/26 TBA
20586(31) Session III 06/29 – 07/24 TBA
20370(33) Session III 06/29 - 07/24 TBA

BIO 681 (Sec #) Thesis Credit 4
20256(30) Session II 06/16–07/24 TBA

BIO 700 (Sec #) Thesis Registration Credit 1
20257(30) Session II 06/16– 07/24 TBA

BIO 701 (Sec #) Cooperative Work Study Credit 3-6
A course integrating subject matter of a biological nature with practical work experience in an approved agency. Prerequisite: Consent of department chairperson.

20258(30) Session II 06/16 – 07/24 TBA

BIO 702 (Sec #) Master's Comprehensive Exam Credit 1
This credit will not count towards the degree
20259(30) Session II 06/16 – 07/24 TBA

CDS 201(Sec #) Intro to Com Science and Disorders Credit 3
An overview of the field of communicative sciences and disorders, including various speech, language and hearing problems, professional organizations and journals, code of ethics, licensure and certification procedures. Also a study of employment opportunities and legislation pertinent to the field of communicative sciences and disorders.
20171(30) Session II 06/16–07/24 MW 2:00-4:50pm ST 321

CDS 227 (Sec #) Anat and Phys / Speech Hearing Credit 3
Discussion of the respiratory, phonatory, and articulatory mechanisms of speech production.
20407(30) Session II 06/16-07/24 MTWRF 9:30-10:45 TU 331
20408(79) Lab Session II 06/16-07/24 TBA

CDS 426 (Sec #) Sup Exp in Spch Pathology/Audiology Credit 4
Experience in schools and clinics with emphasis on recognition, and diagnoses and treatment of speech defects. Students must accumulate a minimum of 100 supervised clock hours. Fee \$55.00.
20172(30) Session II 06/16-07/24 MW 2:00-5:15 ST 105

CDS 429(Sec #) Aural Rehabilitation Credit 3
Study of problems of hearing-impaired persons and approaches to development of communicative skills necessary for their rehabilitation. Teaching of speech-reading, auditory training, use of hearing aids, speech training, and educational counseling.
20659(30) Session II 06/16-07/24 TBA

CDS 499(Sec #) Independent Study Credit 3
Prerequisite: CDS 333 or approval of the department chair.
20173(30) Session II 06/16-07/24 TBA

CDS 618(Sec #) Advanced Clinical Practicum Credit 1-3
Supervised experience in schools, clinics and hospitals, with emphasis on screening, diagnosis, and treatment of speech, language, voice and fluency disorders. Course work involves the study of theories, principles and approaches used in diagnosis / remediation of communication disorders and applications of research techniques in speech/language therapy.
20175(30) Session II 06/16-07/24 M F 9:00-12:15 ST 214
20176(31) Session II 06/16-07/24 M F 1:00 -5:15 ST 214

CDS 622(Sec #) Family Intervention Strategies in Communication Disorders Credit 3
Study of principles, theories and approaches to intervention with the communication disordered and their families. Students must participate in a supervised experience in counseling with parents/family members.
20177(30) Session II 06/16-07/24 MW 2:00-5:00 ST 312A

CDS 625(Sec #) Motor Speech Disorders Credit 3
Course content will include a thorough study of the motor system, its components, its structure and its function. An intense evaluation of dysarthria and apraxia of speech, their etiologies, evaluation and specific treatment recommendations will be discussed. Management strategies for patients/clients of various ages from diverse backgrounds with diverse etiologies and characteristics will be reviewed, demonstrated and evaluated. Prerequisites: CDS 224, 227, 228, 300, 305, 310, 331, 431 and 438.
20739(30) Session II 06/16 – 07/24 TR 2:00-4:50 ST 321

CDS 699 (Sec #) Independent Study Credit 3-6
Implementation of a pilot research project under the direction of selected graduate faculty. Faculty approval of the topic and design must be received prior to initiation of the research. Project must be completed within two consecutive semesters. Prerequisite: CDS 501 or equivalent course. Registration by permission of instructor. Graduate level students only.

20740(30) Session II 06/16-07/24 TBA
20178(31) Session II 06/16- 07/24 TBA
20179(32) Session II 06/16- 07/24 TBA

CDS 702(Sec #) Graduate Comprehensive Credit 1
This credit will not count towards the degree. Prerequisites: Must have completed all course work for program of study, research project, and 350 supervised clock hours of clinical practicum.
20180(30) Session II 06/16-07/24 TBA

CHE 114(Sec #) Intro to Research Tps in Chemistry Credit 1-3
Designed for freshman level undergraduates. Emphasis will be placed upon introduction to areas of chemistry research, regular attendance at appropriate seminars, techniques of literature searches, and back ground study. This course may be taken twice. Prerequisite: Consent of the department chairperson. "Graded on S/U basis only".
20324(30) Session II 06/16-07/24 TBA

CHE 201(Sec #) General Chemistry and Qualitative Credit 4
Detailed consideration of compounds, chemical equilibrium, and elementary qualitative analysis. Prerequisite for all subsequent chemistry courses. Prerequisite: A grade of "C" or better is required in CHE 201 before enrolling in CHE 202. Corequisite: MAT 117-118.
20430(30) Session I 06/02-06/26 MTWRF 10-11:50 TU 140
20431(79) Session I (LAB) 06/02-06/26 MWF 1-2:50 TU 209

CHE 202(Sec #) General Chemistry and Qualitative Credit 4
Detailed consideration of compounds, chemical equilibrium, and

elementary qualitative analysis. Prerequisite for all subsequent chemistry courses. Prerequisite: A grade of "C" or better is required in CHE 201 before enrolling in CHE 202. Corequisite: MAT 117-118.

20700(30) Session III 06/29-07/24 MTWRF 10-11:50 TBA
20701(79) LAB Session III 06/29 -07/24 M W R 1-2:50 TU 209

CHE 214(Sec #) Basic Research Topics in Chemistry Credit 1-6
Designed for sophomore level undergraduates. Emphasis will be placed upon introduction to basic techniques of conducting research and literature review, regular attendance at selected seminars, and directed work on a research project in chemistry. This course may be taken twice. Prerequisite: Consent of the research mentor. "Graded on S/U basis only".

20195(30) Session II 06/16-07/24 TBA

CHE 301(Sec #) General Organic Chemistry Credit 4
Systematic study of the sources, nomenclature, properties and uses of carbon compounds. Prerequisite: CHE 201-202, with a grade of "C" or better in each course for chemistry majors. At least a "C" is required in CHE 301 before enrolling in CHE 302.

20753(30) Session I 06/02-06/26 TBA

20754(79) Lab Session I 06/02-06/26 TBA

CHE 302(Sec #) General Organic Chemistry Credit 4
Systematic study of the sources, nomenclature, properties and uses of carbon compounds. Prerequisite: CHE 201-202, with a grade of "C" or better in each course for chemistry majors. At least a "C" is required in CHE 301 before enrolling in CHE 302.

20755(30) Session III 06/29-07/24 TBA

20756(79) Lab Session III 06/29-07/24 TBA

CHE 314(Sec #) Introduction to Chemical Research I Credit 3

A two-semester course sequence designed to provide chemical research initiation and enrichment for junior chemistry majors. Emphasis is placed on the orientation of students to the general and specific objectives of research and to the use of research tools and techniques. Student will perform entry level research under close supervision.

20196(30) Session II 06/16-07/24 TBA

CHE 315(Sec #) Intro to Chemical Research II Credit 3

A two-semester course sequence designed to provide chemical research initiation and enrichment for junior chemistry majors. Emphasis is placed on the orientation of students to the general and specific objectives of research and to the use of research tools and techniques. Student will perform entry level research under close supervision.

20197(30) Session II 06/16-07/24 TBA

CHE 414 (Sec #) Chemical Research Applications Credit 3

A two-semester research course sequence for senior chemistry majors. It is the sequel to CHE 314-315. Accordingly, the course offers a more rigorous and comprehensive foundation in research fundamentals and techniques. To enroll, students must have completed the CHE 314-315 sequence. Students who take one or both courses of the CHE 414-415 sequence must also write a research paper. Both CHE 414 and CHE 415 meet for a minimum of 20 hours per week for a period of 4 weeks.

20198(30) Session II 06/16 - 07/24 TBA

CHE 415(Sec #) Chemical Research Applications Credit 3

A two-semester research course sequence for senior chemistry majors. It is the sequel to CHE 314-315. Accordingly, the course offers a more rigorous and comprehensive foundation in research fundamentals and techniques. To enroll, students must have completed the CHE 314-315 sequence. Students who take one or both courses of the CHE 414-415 sequence must also write a research paper. Both CHE 414 and CHE 415 meet for a minimum of 20 hours per week for a period of 4 weeks.

20199(30) Session II 06/16 - 07/24 TBA

CHE 614(Sec #) Advanced Physical Chemistry II Credit 3

A detailed presentation of physicochemical systems, energetics, entropy and free energy kinetic theory, and statistical mechanics. Other aspects will cover changes of state, solutions, chemical affinity, chemical reaction rates, electrochemistry, interfaces,

quantum mechanics and atomic structure, the chemical bond, spectroscopy and photochemistry, and macromolecules.

20621(30) Session II 06/16 - 07/24 TBA

CHE 650(Sec #) Thesis Research Credit 2-6
Emphasis upon materials, techniques, and subject-matter content that may form the basis for a problem. Prerequisite: Consent of department chairperson.

20200(30) Session II 06/16-07/24 TBA

CHE 681 (Sec #) Thesis Credit 4

20201(30) Session II 06/16-07/24 TBA

CHE 700(Sec #) Thesis Registration Credit 1

20202(30) Session II 06/16- 07/24 TBA

COM 103(Sec #) Oral Communication Credit 3

A one semester laboratory in oral communications integrated with the freshman communications program. Emphasis on principles of reasons, arrangement of ideas, establishment of personal style, discovery of material and investigation of various techniques of expression. Presentation of carefully prepared classroom assignments. Passing grade of C.

20164(30) Pre-College 06/23-07/24 MTWRF 1:00-2:45 AR 221

20165(31) Pre-College 06/23-07/24 MTWRF 10-11:45 AR 221

20261(33) Pre-College 06/23-07/24 MTWRF 8:00-9:45 AR 221

20335(34) Pre-College 06/23-07/24 MTWRF 8:00-9:45 AR 115

20334(35) Pre-College 06/23-07/24 MTWRF 10-11:45 ST 320

20402(39)Pre-College 06/23-07/24 MTWRF 1:00-2:45 DU 314

20166(32) Session II 06/16-07/24 MTWRF 12:30- 1:45 AR 235

20167(36)Session II 06/16-07/24 MTWRF 8:00 -9:15 AR 214A

20168(38)Session II 06/16-07/24 MTWRF 11-12:15 AR 214A

COU 601(Sec #) Professional Identities Credit 1

Small Group activity led by a facilitator into self-examination and personal growth experiences as an individual and as a participant in group activities. This experiential course will meet for a minimum of 10 clock hours in small groups discussing growth, maintaining personal journals, and self-examination. This is a pass/fail course.

20730(30) Session I 06/02-06/26 T R 4:00-5:30 TBA

20515(32) Session I 06/02-06/26 T R 5:30-6:45 PH

COU 605(Sec #) Human Sexuality Counseling Credit 3

Provides and understanding of basic treatment techniques for sexual dysfunction, sexual disorders, and sexual diseases. Human sexuality issues

20729(30) Session I 06/02- 06/26 T R 4:00-6:45 TBA

COU 610(Sec #) Ethic & Legal Aspects of Counseling Graduate Credit 3

Provides an overview of the history and philosophy of the counseling profession, including significant and events, professional roles, professional organizations and credentialing, advocacy, and ethical and legal standards. Provides and understanding of counseling and consultation processes to include characteristics and behaviors to influence helping processes, introduction to counseling theories and system perspectives along with legal perspectives. Multicultural and spiritual issues will be introduced and discussed. Discusses the integration of technological strategies and applications within counseling and consultation processes. Examines current system of intervention and engages student in analysis from the perspective of its usefulness to counseling. This course will include reflective exercises for self-assessment, experiential experiences with counselors and a growth model for professional development.

20442(30) Session I 06/02-06/26 M W 4:00-6:45 PH 207

COU 611(Sec #) Pastoral Helping Credit 3

Introduces the student to counseling skills necessary for pastoral care situations. Such counseling skills as attending, responding, and initiating skills are discussed. An introduction to spiritual direction and an experience with a spiritual director will be provided. Legal and ethical issues will be discussed.

20443(30) Session I 06/02-06/26 M W TBA

COU 614(Sec #)Community Mental Health & Welfare Credit 3

Introduction of professionals to community social welfare and other agencies (private and public) functioning in the areas of family

service, public and private assistance, mental hygiene, protective and correctional care, pastoral care, and health services. Course will focus on visiting and experiencing these diverse functions.
20489(30) Session I 06/02 - 06/26 M W 7:00-9:45 PH 208

COU 618(Sec #) Counseling Practicum Credit 3
Student must complete supervised practicum experiences that total a minimum of 100 clock hours. The practicum provides for the development of counseling skills under supervision. This practicum includes direct service with clients both in individual counseling and group work, weekly individual and group interaction with a supervisor, and a formal evaluation. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. Prerequisite: COU 601 and COU 622.
20393(30) Session I 06/02-06/26 TBA PH 208
20444(31) Session I 06/02-06/26 T R 7:00-8:50 PH 209
20623(32) Session I 06/02-06/26 TBA

COU 631(Sec #) Foundations of School Counseling Credit 3
History, philosophy, and current trends in school counseling and educational systems. Role, function, and professional identity of the school counselor in relation to the roles of other professional and support personnel in the school will be discussed. Introduces the role of racial, ethnic and cultural heritage, nationality, socioeconomic status, family structure, age, gender, sexual orientation, religious and spiritual beliefs, physical and mental status, and equity issues in school counseling. Critical analysis of techniques that are applicable to the school setting will be investigated. Experiential focus will be provided. Ethical and legal considerations related specifically to the practice of school counseling will be discussed and a focus on computer technology will be provided. Prerequisite: COU 622.
20339(30) Session I 06/02-06/26 MW 7:00-9:45 PH 209

COU 633(Sec #) Context Dim of Schl Counseling Credit 3
Advocacy for all students and for effective school counseling programs will be discussed. Coordination, collaboration, referral and team building efforts with all involved participants to promote and facilitate successful student development. Develop knowledge and understanding of community and institutional opportunities that enhance, as well as barriers that impede student academic, career, and personal/social success. Counseling techniques and advocacy programs will be discussed.
20550(30) Session I 06/02-06/26 T R 7:00-9:45 PH 207

COU 641(Sec #) College Student Dev, Ethics & Tech Credit 3
Development, management and provision of personnel counseling services facilitating the growth and development of students during their college experience. Topics will include history and philosophy of student affairs; the purpose and function of student affairs in higher education; historical and contemporary theories of student affairs; characteristics of traditional and nontraditional students; and methods of needs analysis that are applicable to college student populations. Multicultural issues along with ethical and legal considerations will be discussed. Analysis of counseling techniques for the college environment will be accomplished. Experiential focus will be provided. Prerequisite: COU 619.
20445(30) Session I 06/02 -06/26 M W 4:00-6:50 TBA

COU 649(Sec #) College Student Dev Counseling Credit 6
Student must complete a supervised internship of 600 clock hours that will only begin after completion of the required practicum. The internship will be for various credits during the semester to equal 100 clock hours for each credit. The number of credits must be approved and may be altered by academic advisor or Coordinator of the Graduate Program in Counseling. This internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. This internship will include the opportunity to develop program appropriate audio and/or videotapes of students' interactions with clients for use in supervision. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This is a pass / fail course.
20605(30) Session II 06/16 - 07/24 TBA
20757(31) Session I 06/02 - 06/26 T R 4:00-

COU 651(Sec #) Community Counseling Credit 3
Foundations of community counseling to include historical, philosophical, societal, cultural, economic, and political dimensions of and current trends in the community human service/mental health movement will be discussed. Ethical and legal considerations specifically related to the practice of community counseling will be discussed. Contextual dimensions of community counseling with strategies for community needs assessment to design, implement, and evaluate community counseling interventions, programs and systems. Counseling techniques for the community will be investigated. Basic knowledge and skill requirements for community counselors will be identified. Experiential focus will be provided.
20500(30) Session I 06/02-06/26 M W 4:00-6:45 PH 208

COU 659(Sec #) Community Counseling Intrnshp Credit 1-6
Student must complete a supervised internship of 600 clock hours that will only begin after completion of the required practicum. The internship will be for various credits during the semester to equal 100 clock hours for each credit. The number of credits must be approved and may be altered by academic advisor or Coordinator of the Graduate Program in Counseling. This internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. This internship will include the opportunity to develop program appropriate audio and/or videotapes of students' interactions with clients for use in supervision. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This is a pass/fail course. Prerequisite: COU 618.
20398(30) Session II 06/16-07/24 T R 5:30-6:55 PH 208
20499(31) Session II 06/16-07/24 T R 4:00-5:25 TBA

COU 660(Sec #) Spiritual in Counseling Credit 3
Foundations of community counseling to include historical, philosophical, societal, cultural, economic, and political dimensions of and current trends in the community human service/mental health movement will be discussed. Ethical and legal considerations specifically related to the practice of community counseling will be discussed. Provides an overview of inner healing and forgiving. Introduction to delivering counseling services in a church / synagogue based contextual setting. Counseling techniques using spirituality as a guide will be critically analyzed. Prerequisite: COU 622.
20551(30) Session I 06/02 - 06/26 TBA

COU 663(Sec #) Pastoral Counseling Practicum Credit 3
Student must complete supervised pastoral care practicum experiences that total a minimum of 100 clock hours. The practicum provides for the development of counseling skills under pastoral counselor supervision. This practicum includes direct service with clients both in individual counseling and group work, weekly individual and group interaction with a supervisor, and a formal evaluation. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This is a pass/fail course. Prerequisite: COU 601 and 611.
20446(30) Session I 06/02-06/26 M W TBA PH 209

COU 698(Sec #) Counseling Internship Credit 3
Student must complete a supervised internship of 300 clock hours that will only begin after completion of the required practicum. This internship course will be used as an addendum to other internship courses to allow the student flexibility in attaining the required 600 clock hours and the 6 semester hour credits. The number of credits must be approved and may be altered by academic advisor of Coordinator of the Graduate Program in Counseling. The overall internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. The overall internship will include the opportunity to develop program appropriate audio and/or videotapes of students' interactions with clients for use in supervision. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This is a pass/fail course. Prerequisite: COU 618.
20494(30) Session II 06/16-07/24 TBA
20758(31) Session II 06/16-07/24 T R 4:00-

COU 699(Sec #) Independent Study **Credit 3**
20387(30) Session III 06/29-07/24 TBA

COU 702(Sec #) Graduate Comprehensive **Credit 1**
 This examination is pass /fail.
20170(30) Session III 06/29 - 07/24 TBA
20340(31) Session III 06/29 - 07/24 TBA

CSC 120(Sec #) Introduction to Computers **Credit 3**
 An overview of the cultural impact and history of computers. The fundamentals of automatic data processing with emphasis on algorithms, flow charting, system configuration, and an introduction to a procedure oriented language with general applications. Fee \$25.00
20115(32) Session II (On line) 06/16-07/24 TBA
20117(34) Session II 06/16-07/24 MTWRF 9:30-10:45 ST 126
20118(35) Session II (On line) 06/16-07/24 TBA
20328(39) Session II 06/16-07/24 MTWRF 8:00-9:15 ST 126
20116(33) Pre-College 06/23-7/24 MTWRF 8:00-9:45 ST 103
20384(37) Pre-College 06/23-07/24 MTWRF 1:00-2:45 ST 126
20327(38) Pre-College 06/23-07/24 MTWRF 12:00-1:45 ST 103
***20330(50) Pre-College 06/23-07/24 MTWRF 3:00-4:45 ST 103**
 For PRISEM, SMEEP AND LS AMP Students Only

CSC 120(Sec #) Introduction to Computers **Credit 3**
 An overview of the cultural impact and history of computers. The fundamentals of automatic data processing with emphasis on algorithms, flow charting, system configuration, and an introduction to a procedure oriented language with general applications. Fee \$25.00
20326(EK) Online Session I-III (8weeks) 06/02-07/24 TBA

CSCV 120(Sec #) Introduction to Computers **Credit 3**
 An overview of the cultural impact and history of computers. The fundamentals of automatic data processing with emphasis on algorithms, flow charting, system configuration, and an introduction to a procedure oriented language with general applications. Fee \$25.00
20735(30) Session I 06/17-07/25 TBA
20746(31) Session I 06/02 – 06/26 TBA
 Virginia Beach Campus Only

CSC 300 (Sec #) Co-op Work-Study **Credit 3-12**
 Employment or training program in government or industry in which students makes significant use of computer science skills. Prerequisites: CSC 205, 252, and permission of department chairperson.
20119(30) Session II 06/16-07/24 TBA

CSC 395(Sec#) Special Topics **Credit 3**
 A treatment of advanced topics of interest in Computer Science or Mathematics not routinely covered by existing courses. May be repeated when topics vary. Prerequisite: Permission by department chairperson and instructor.
20403(30)Session II 06/16-07/24 MTWRF 11:00-12:15 ST 342

CSC 410(Sec#) Special Projects **Credit 3-6**
 Introduction to research problems in special areas of computer science. Prerequisite: Advanced standing and consent of department chairperson.
20120(30) Session II 06/16-07/24 TBA

CSC 411(Sec #) Research Problems **Credit 3-6**
 Participation in research project in collaboration with faculty supervisor, or original independent research problem. Prerequisite: Advanced standing and consent of department chairperson.
20466(30)Session II 06/16-07/24 MTWRF 9:30-10:45 ST 342

CSC 681(Sec#) Research Seminar I **Credit 3**
20121(30) Session II 06/16-07/24 TBA

CSC 689(Sec #) Thesis **Credit 4**
20122(30) Session II 06/16-07/24 TBA

CSC 700 (Sec #) Thesis Registration **Credit 1**
20123(30) Session II 06/16-07/24 TBA

ECO 201(Sec #) Principles of Econ (Macro) **Credit 3**

A study of unemployment, inflation, economic growth and stabilization policy.
20156(30) Session II 06/16-07/24 MTWRF 11-12:15 ST 321
20157(31) Session II 06/16-07/24 MTWRF 12:30-1:45 ST 321
20413(32) Session II 06/16-07/24 MTWRF 9:30-10:45 BU 206

ECO 202(Sec #) Principles of Econ (Micro) **Credit 3**
 A study of the behavior of individual households and firms as to the determination for the relative prices of individual goods and services, and the role of government in instituting and administering legislation governing of these problems.
20158(30) Session II 06/16-07/24 MTWRF 8:00-9:15 BU 201
20159(31) Session II 06/16-07/24 MTWRF 8:00- 9:15 MK 112

ECO 302(Sec #) Intermediate Macro Theory **Credit 3**
 The meaning, components, and distribution of national income. Special attention is given to the analysis of determinants of level of output, income, and employment; problems of income estimation, measurement and exchange rate. Prerequisites: ECO 201, 202 and MAT 118 or 130.
20160(30)Session II 06/16-07/24 MTWRF 12:30-1:45 BU 206

ECO 315(Sec #)Money, Banking and National Income **Credit 3**
 An analysis of the role of money and credit in general economic activity; nature and functions of money; structure and organization of monetary and credit systems. Study of Federal Reserve System and United States Treasury in influencing expansion and contraction of credit. Theories of interest, money; national income and its determinants. Prerequisite: ECO 201.
20161(30)Session II 06/16-7/24 MTWRF 9:30-10:45 ST 321

EDU 200(Sec #) Foundations of Education **Credit 3**
 Students develop an understanding of the historical, philosophical, and sociological foundations underlying the role, development and organization of public education in the United States. Attention is given to the legal status of teachers and students, including federal and state laws and regulations, school as an organization/culture, and contemporary issues in education. Students also explore the foundations of instructional design based on assessment data. This course also discusses the origin of special education from a historical perspective including major contributors that laid the foundation for the growth and improvement of knowledge and practice in the field. Additionally, applicable laws, rules and regulations, procedural safeguards, program standards and ethical considerations regarding the education of students with disabilities including screening, referral and placement procedures and non-biased evaluation and diagnosis techniques will be explored.
20747(30) Session I 06/02-06/26 TBA

EDU 295(Sec #) Learning to Learn **Credit 3**
 Designed to enhance students skills in generating questions, reading for comprehension, scheduling course work, developing strategies for studying for examinations, writing to answer questions, and writing term papers.
20243(30)Pre-College 06/23-07/24 MTWRF 10-11:45 PH 207

EDU 302(Sec #) Human Growth and Development **Credit 4**
 Students gain an understanding of the physical, social, emotional, speech and language, and intellectual development of children and the ability to use this understanding in guiding learning experiences. The interaction of children with individual differences – economic, social, racial, ethnic, religious, physical, and mental is incorporated to include skills contributing to an understanding of developmental disabilities and developmental issues related to but not limited to attention deficit disorders, gifted education including the use of multiple criteria to identify gifted students, substance abuse, child abuse, and family disruptions. Educational strategies including instructional and curricular modifications and collaborative options appropriate for students with exceptionalities identified in the individuals with Disabilities Education Act (IDEA) will be explored.
20748(30) Session III 06/29 – 07/24 TBA

EDUV 680(Sec #) Survey of Computers & Data Anlysis **Credit 3**
 Emphasis on computer and data analyses through examination of the computer system-components, processes, and care. Introduction of hardware and software integration into K-12 curriculum related to promote student learning, administration and management, research

and evaluation, statistics, peripheral interface, and personal productivity. Mathematical nature of data analyses to include sampling and statistical measures.

20749(30) Session I 06/02 – 06/26 MW 5:30 -9:30 TBA
****Virginia Beach Campus Only****

EDUV 684(Sec #) Secondary School Leadership Credit 3

Major problems and issues in organization, administration, and supervision of secondary schools with specific emphasis on developmental stage of students. Nature and function of administration. Examination of recent trends in school administration and supervision at the secondary school level. Adolescent development issues and the role of leadership with professional ethics will be discussed. Principles of school security and safety will be discussed.

20750(30) Session III 06/29 – 07/24 TR 5:30 - 9:30 TBA
****Virginia Beach Campus Only****

EGR 291(Sec #) Basic Research Top in Egr Credit 1-6

Designed for sophomore level undergraduates. Emphasis will be placed upon introduction to basic techniques of conducting research and literature review, regular attendance at selected seminars, and directed work on a research project in engineering. This course may be taken twice. Prerequisite: Consent of the research mentor.

20555(30) Session II 06/16 – 07/24 TBA

EGR 300(Sec #) Co-op Work Study/Internship Credit 3

The student is placed in an industrial firm or a governmental agency to obtain practical experience in the area of his/her engineering specialty. A minimum of nine weeks of full-time equivalent work is required for the Internship Program. A minimum of six months of full-time work is required for the Cooperative Work Study Program and an additional nine weeks is required for governmental agencies. Written evaluation by a supervisor and a final report for the department chairperson are required for each program. Prerequisites: Completion of sophomore level courses and consent of department chair.

20556(30) Session II 06/16-07/24 TBA

EGR 491(Sec #) Sr. Research Topics in Engr Credit 1-12

Designed for senior level undergraduates. Emphasis will be placed upon participating in an independent research project or making a major contribution to departmental research with a designated research mentor. The student will produce a publication quality research report or thesis. Regular attendance at the engineering seminar series is also required. This course may be taken twice. Prerequisite: Consent of the research mentor.

20557(30) Session II 06/16-07/24 TBA

ENG 100(Sec #) Fundamental Writing Credit 3

A one semester course specifically designed for those students who before proceeding to ENG 101 could benefit from a concentrated review of grammar, mechanics, sentence structure, usage, and the development of fundamental writing skills. These students are placed in the course on the basis of their diagnostic and placement scores and/or other available data. Offered on a S/U basis, this course does not count toward the English requirement of general education. Before enrolling in ENG 101, students must pass ENG 100 at the "S" level.

20181(31)Pre-College 06/23-07/24 MTWTR 3:00-4:45 ST 104

20182(32)Pre-College 06/23-07/24 MTWTR 1:00-2:45 ST 104

20383(33)Pre-College 06/23-07/24 MTWTR 8:00-9:45 ST 104

ENG 101(Sec #) Written Communication I Credit 3

An introductory sequence course in composition, approaching writing as a process, and providing students with experience in writing with various aims and rhetorical strategies. Passing grade for Written Communication is "C". (Pre-college only).

20382(30) Pre-College 06/23-07/24 MTWRF 8:00-9:45 MK 129

20183(31)Pre-College 06/23-07/24 MTWRF 10-11:45 ST 312A

20184(32) Pre-College 06/23-07/24 MTWRF 8:00-9:45 MK 130

20282(33) Pre-College 06/23-07/24 MTWRF 1:00-2:45 AR 214A

20185(35) Pre-College 06/23-07/24 MTWRF 8:00-9:45 AR 236

20186(36) Pre-College 06/23-07/24 MTWRF 8:00-9:45 AR 220

20187(37) Pre-College 06/23-07/24 MTWRF 3:00-4:45 AR 220

20188(38) Pre-College 06/23-07/24 MTWRF 1:00-2:45 TU 238

20189(39)Pre-College 06/23-07/24 MTWRF 10-11:45 MK 115

20190(41) Pre-College 06/23-07/24 MTWRF 3:00-4:45 AR 221

20191(42) Pre-College 06/23-07/24 MTWRF 10:00-11:45 AR 236

20331(45) Pre-College 06/23-07/24 MTWRF 3:00-4:45 AR 235

20332(47) Pre-College 06/23-07/24 MTWRF TBA TBA

20333(48)Pre-College 06/23-07/24 MTWRF 10-11:45 AR 220

20292(50) PRISEM 06/23-07/24 MTWRF 1:00-2:25 AR 220

ENG 102(Sec #) Written Communication II Credit 3

An introductory sequence in composition, approaching writing as a process providing students with experience in writing with various aims and rhetorical strategies. Focusing upon the persuasive and literary aims, ENG 102 includes the development of a research paper. Passing grade for Written Communications is "C".

20194(30)Session II 06/16-07/24 MTWRF 9:30-10:45 AR 214A

20283(31) Session II 06/16-07/24 MTWRF 11:00-12:15 AR 235

***20192(H1)Pre-College 06/23-07/24 MTWRF 3:00-4:45 AR 115**

***20193(H2)Pre-College 06/23-07/24 MTWRF 1:00-2:45 AR 115**

For Honors College Students Only

***ENG 503(Sec #) English Comps for Grads Credit 3**

Introductory sequence in composition, contributing to the liberal education of students, regardless of their majors. Approaches writing as a process and provides experience in writing with various aims rhetorical strategies. The course emphasizes the expressive and expository skills, focusing upon the persuasive and literary aims, and includes development of a research paper.

20359(30) *(On-line course) Session II 06/16-07/24 TBA

ESC 512(Sec #) Research Problem in Envir Science Credit 2-3

A course of directed study in which a student learns how to develop and research a problem in environmental science. Prerequisite: Permission of department chairman.

20110(30) Session II 06/16-07/24 TBA

20297(31) Session III 06/29-07/24 TBA

ESC 513(Sec #) Internship in Environmental Science Credit 3

field placement experience in which students work with environmental scientists to gain practical experience in the field. Placement may be at a government agency, national laboratory, industry, academic institution, or other appropriate institutions. Prerequisites: ESC 203 and permission of department chairperson.

20111(30) Session II 06/16-07/24 TBA

20298(31) Session III 06/29-07/24 TBA

ESC 617(Sec #) Research Problems Credit 1-3

Research on problems that could lead to a master's thesis in the environmental sciences.

20409(30) Session II 06/16-07/24 TBA

ETR 435(Sec #) Internship in Entrepreneurship Credit 3

Structured and intensive experiences with executive mentors intended to inculcate decision making and risk management skills. The internship experience and executive mentors must be pre-approved. The student and mentor will collaborate with a faculty advisor during the period of internship. Prerequisite: ENT 350.

20465(30) Session II 06/16-07/24 TBA

FIN 304(Sec #) Business Finance Credit 3

Study of concepts and techniques for determining the need, acquisition and management of financial resources of the firm. Introduction to analysis of financial statements. Prerequisites: ACC 203, MGT 215, ECO 201, MAT 117.

20708(30) Session II 06/16-07/24 MTWRF 8-9:15 BU 206

20704(31) Session II 06/16-07/24 MTWRF 9:30-10:45 BU 201

FIN 360(Sec #) Finance Coop Edu/Internship Credit 3-9

Co-ops and internships are on-the-job experiences in the area of finance in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for a six month duration and worth up to 9 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for coops or internships in their junior and senior years. Prerequisite: Permission of the department chair

20372(30) Session II 06/16-07/24 TBA

FRE 101(Sec #) Elementary French **Credit 3**
Introductory course designed to develop the four skills listening, speaking, reading and writing. Essentials of grammar stressed.
20124(31) Pre-College 06/23-07/24 MTWRF 10:00-11:45 AR 115
20603(30) Session I 06/02 – 06-26 MTWRF 8:00-9:50 AR 235

FRE 102(Sec #) Elementary French **Credit 3**
Introductory course designed to develop the four skills listening, speaking, reading and writing. Essentials of grammar stressed
20125(30) Session III 06/29-07/24 MTWRF 8:00-9:50 AR 235

FRE 201 (Sec #) Intermediate French I **Credit 3**
The continued development of listening, speaking, reading and writing skills. Includes reading in the arts and sciences.
Prerequisites: FRE 101-102 or the equivalent.
20127(30) Session I 06/02-06/26 MTWRF 1:00-2:50 AR 338

HEA 200(Sec #) Health Education **Credit 2**
Designed to help the student to understand himself/herself as a human organism; to become familiar with various influences that affects health; to coordinate experiences for more effective understanding of healthful living in the world to today; and to aid himself/herself in solving personal health problems.
20416(31) Pre-College 06/23-07/24 MWF 8:00-9:45 HO 163

HEA 211(Sec #) First Aid, CPR and Safety **Credit 3**
Designed to provide background in the areas of First Aid, Cardiopulmonary resuscitation and basic concepts of safety. National Safety Council Standard First Aid and Cardiopulmonary Resuscitation certificates will be awarded upon successful completion of the course.
20148(30)Session I 06/02-06/26 MTWRF 8:00-9:50 HO 120
20147(31)Session I 06/02-06/26 MTWRF 10-11:50 HO 120

HEA 550 (Sec #) Sexuality Education **Credit 3**
The major emphasis in this course is to acquaint educators with basic instructional content, techniques, resource materials and references in the area of human sexuality. Interpretation of current curricular trends. Suitability of content and methods as determined by needs, interests, and abilities of diverse student populations will be discussed. A fresh look at critical areas in sexuality education.
20417(30) Session II 06/16-7/24 MTWR 9:30-10:45 HO 164

HIS 105(Sec #) World Civilization I **Credit 3**
A lecture course that surveys development of human societies from the first literate, urban civilizations (3500 B.C.) to the mid-18th century. Themes emphasized include economic, religious, intellectual, social (gender, race, age, etc.), political and military history.
20373(31) Session II 6/16-07/24 MTWRF 12:30-1:45 MK 115

HIS 106(Sec #) World Civilization II **Credit 3**
A lecture course that survey the period from the French Revolution to the present. Emphasizes economic, religious, intellectual, social (gender, race, age etc.) political and military history.
20374(35)Session I 06/02-06/26 MTWRF 10-11:50 MK TBA
20375(36)Session I 06/02-06/26 MTWRF 1:00-2:50 MK TBA
20137(31) Session II 06/16-07/24 MTWRF 9:30-10:45 MK 103
20338(33)Session II 06/16-07/24 MTWRF 11:00-12:15 MK 103
20244(32) Pre-College 06/23-07/24 MTWRF 1:00-2:45 MK 128
20363(30) Pre-College 06/23-07/24 MTWRF 10-11:45 OL 313
20369(34) Pre-College 06/23-07/24 MTWRF 8:00-9:45 MK 113

HIS 107(Sec #) Survey of African American History **Credit 3**
A survey of Black experiences in the Americas from 1500 to the present. Includes material about peoples and institutions of pre-colonial Africa and the Atlantic slave trade.
20377(31) Session I 06/02-06/26 MTWRF 8:00-9:50 MK
20245(32) Pre-College 06/23-07/24 MTWRF 10-11:45 MK 117
20364(33) Pre-College 06/23-07/24 MTWRF 1:00-2:45 MK 117
20368(35) Pre-College 06/23-07/24 MTWRF 8:00-9:45 MK 117

HIS 108(Sec #) American History Survey **Credit 3**
This course serves as a lecture course that surveys the political, economic, and social characteristics of American development from the colonial period to the present. Virginia studies are included. Instruction and content are multicultural in orientation with particular emphasis on major trends, issues and events.

20138(30)Session I 06/02-06/26 MTWRF 10:00-11:50 MK

HUM 201(Sec #) Humanities I **Credit 3**
The first of a required two-semester interdisciplinary course that is organized around a theme, Enduring Human Values and Cultural Connections, and presented in a team-teaching context. The course introduces sophomore students to western and non-western cultural legacies through the study of works of art, music and literature from Antiquity through the Renaissance.
20142(30)Session II 06/16-07/24 MTWRF 9:30-10:45 MK 101

HUM 202(Sec #) Humanities II **Credit 3**
The first of a required two-semester interdisciplinary course that is organized around a theme, Enduring Human Values and Cultural Connections, and presented in a team-teaching context. The course introduces sophomore students to western and non-western cultural legacies through the study of works of art, music and literature from the late Sixteenth Century through the Twentieth Century
20143(30) Session II 06/16-07/24 MTWRF 8:00–9:15 ST 104

JAC 110(Sec #) Introduction to Media Writing Lab **Credit 3**
This course emphasizes proper grammatical structure and introduces writing styles and language skills needed by journalists and communications professionals. In this course students will be introduced to the basic writing formats for all forms of mass communication, including journalism, broadcasting, public relations, advertising and on-line media. Students learn methods of gathering information, including research techniques and interviewing. They develop language usage and grammar skills and learn Associated Press style. In this course emphasis is placed on critical thinking and students are introduced to the importance of writing on deadline. Required of all majors and minors.
20429(31) Pre-College 06/23-07/24 MTWRF 1:00-2:45 SH 238

JAC 460(Sec #) Ind Study in Journlsm & Comm **Credit 3**
This course is designed to meet the needs of the journalism and communications student who wishes to conduct independent research, develop a special academic project or fulfill other department requirements outside of the usual class structure. Prerequisites: **Approval of a faculty sponsor to oversee the independent study.** Students cannot apply more than six credit hours in independent study toward graduation requirements.
20379(30) Session II 06/16- 07/24 TBA
****Need Permission of Instructor****

JAC 465(Sec #) Internship in Journlsm & Comm **Credit 3**
This is a part-time placement in a professional setting for students to gain practical experience in their sequence. Course can be repeated one time for credit. Students cannot apply more than six credit hours in Internship and Practicum (JAC 467) towards graduation. Prerequisites: Junior or senior status and permission of the internship coordinator.
20336(30) Session II 06/16-07/24 TBA

LAP 615(Sec #) Leadership Application Seminar **Credit 1**
Continued development of leadership skill development and institutional opportunity development. Extensive corporate research, presentation and writing component. Prerequisites: LAP 515.
20421(30) Session I 06/02-06/26 TBA

MAS 291(Sec #) Basic Research Masc / Env Sci **Credit 1-6**
Designed for sophomore level undergraduates. Emphasis will be placed upon introduction to basic techniques of conducting research and literature review, regular attendance at selected seminars, and directed work on a research project in marine and environmental science. This course may be taken twice. Prerequisite: Consent of the research mentor.
20112(30) Session I 06/02 - 06/26 TBA

MAS 300(Sec #) Internship **Credit 3**
Experience at off-campus laboratory facilities. Instructional activities include laboratory and field experiences in marine and environmental science areas. Duration is approximately 6 weeks.
20113(30) Session II 06/16-07/24 TBA
20299(31) Session III 06/29–07/24 TBA

MAT 100(Sec #) Introduction to Algebra **Credit 3**
For students whose placement score, high school record and other data indicate a need for additional preparation to attain required entrance level for MAT 105. This course is offered only on S/U basis and credits cannot be counted toward mathematics required in the student's major.
20203(30)Pre-College 06/23-07/24 MTWRF 8:00-9:45 ST 312A
20209(32)Pre-College 06/23-07/24 MTWRF 1:00-2:45 TU 140
20210(33) Pre-College 06/23-07/24 MTWRF 3:00-4:45 DU 110

MAT 105(Sec #) Intermediate Algebra **Credit 3**
Review of fundamental operations, algebraic fractions, ratio, proportion and variation, exponents and radicals, inequalities, relations and functions, quadratic equations. \$2.00 Fee.
20211(30) Pre-College 06/23-07/24 MTWRF 10-11:45 ST 105
20212(31)Pre-College 06/23-07/24 MTWRF 3:00-4:45 ST 311
20213(32) Pre-College 06/23-07/24 MTWRF 1:00-2:45 ST 311
20214(34) Pre-College 06/23-07/24 MTWRF 8:00-9:45 DU 314
20215(35) Pre-College 06/23-07/24 MTWRF 8:00-9:45 DU 110
20216(36) Pre-College 06/23-07/24 MTWRF 8:00-9:45 ST 320
20329(50) PRISEM 06/23-07/24 MTWRF 8:00-9:45 ST 311

MAT 109(Sec #) College Math I **Credit 3**
Sets and simple logic. Solving linear, rational and quadratic equations, inequalities. Graphing linear equations and inequalities, quadratic equations. Exponential and logarithmic functions. Solving systems of equations. Linear programming. Prerequisite: MAT 100 or by placement.
20217(30) Pre-College 06/23-07/24 MTWRF 10-11:45 ST 112
20218(31) Pre-College 06/23-07/24 MTWRF 8-9:45 ST 112
20219(32) Pre-College 06/23-07/24 MTWRF 1-2:45 ST 112
20220(33) Pre-College 06/23-07/24 MTWRF 8-9:45 ST 105
20221(34) Pre-College 06/23-07/24 MTWRF 3-4:45 DU 314
20222(35) Pre-College 06/23-07/24 MTWRF 10-11:45 ST 104

MAT 117(Sec #) Pre-Calculus I **Credit 3**
Functions and their graphs. Polynomial and rational functions, exponential and logarithmic functions. Systems of linear and nonlinear equations. Sequences and series. Prerequisite: MAT 105 or by placement.
20536(30)Session II 06/16-07/24 MTWRF 9:30-10:45 ST 312B
20223(32)Session II 06/16-07/24 MTWRF 8:00-9:15 ST 312B
20224(33) Session II 06/16-07/24 MTWRF 11-12:15 TBA
20225(34) Pre-College 06/23-07/24 MTWRF 10-11:45 ST 311
20226(35) Pre-College 06/23-07/24 MTWRF 1-2:45 DU 109
***20260(50) PRISEM 06/23-07/24 MTWRF 8-9:45 TU 238**
For PRISEM, SMEEP and LS AMP Students Only

MAT 118(Sec #) Pre-Calculus II **Credit 3**
Trigonometric functions and their inverses; Analytic trigonometry; Applications of trigonometry; Fundamentals of analytic geometry; Complex numbers and Polar Coordinates. Prerequisite: MAT 117 or by placement.
20227(30)Session II 06/16-07/24 MTWRF 12:30-1:45 DU 103
20228(32) Pre-College 06/23-07/24 MTWRF TBA
20293(50) PRISEM 06/23-07/24 MTWRF 8:00-9:45 ST 319

MAT 130(Sec #) Calculus **Credit 3**
A one-semester course for students with an option or requirement for a course in calculus. Differentiation and integration of algebraic, exponential, and logarithmic functions. Applications from business, life, and social sciences. Prerequisite: MAT II7, or by placement.
20537(30)Session II 06/16-07/24 MTWRF 11-12:15 ST 312B
20229(31)Session II 06/16-07/24 MTWRF 8:00-9:15 DU 103

MATV 130(Sec #) Calculus **Credit 3**
A one-semester course for students with an option or requirement for a course in calculus. Differentiation and integration of algebraic, exponential, and logarithmic functions. Applications from business, life, and social sciences. Prerequisite: MATV II7, or by placement.
20736(30) Session I 06/02 – 06/26 MTWRF TBA
******Virginia Beach Campus Only******

MAT 152(Sec #) Calculus II **Credit 4**
Techniques of integration. Applications of the definite integral. Indeterminate limits. Improper integrals. Infinite series. Conic sections and curves in three dimensions. Prerequisite: MAT 151.
20599(30) Session II 06/16-07/24 MTWRF 12:30-1:45 ST 319

MAT 681(Sec #) Thesis **Credit 4**
This course documents completion of the written Master's thesis and oral defense of that thesis.
20545(30) Session II 06/16 – 07/24 TBA

MAT 695(Sec #) Topics in Applied Math **Credit 1-9**
Covers some topics in applied mathematics based on the students' needs. Prerequisite: Approval of the department.
20546(30) Session II 06/16-07/24 TBA

MAT 698(Sec #) Research Problems **Credit 3**
Participation in research projects either in collaboration with faculty supervisor or independent research problem. Prerequisite: Approval of the department.
20366(30) Session II 06/16-07/24 TBA

MAT 699(Sec #) Independent Study **Credit 1-9**
20504(30) Session II 06/16-07/24 MTWRF TBA
******Enrollment by Permission of Math Dept Chair******

MAT 700(Sec #) Thesis Registration **Credit 1**
20367(30) Session II 06/16-07/24 TBA

MAT 702(Sec #) Master's Comprehensive Exam **Credit 1**
This credit does not count towards the degree. Graded S/U only.
20547(30) Session II 06/16 – 07/24 TBA

MBA 211(Sec #) Lower Div Internship **Credit 1**
Prerequisite MBA 203; Permission of Director and Internship coordinator. Full time affiliations as an intern with a School of Business Qualified corporation or firm.
20132(30) Session III 06/29-07/24 TBA

MBA 511(Sec #) Graduate Internship **Credit 1**
Prerequisite: Graduate standing, permission of a director and certification by the internship office. Full-time affiliation as a graduate intern with a School of Business approved organization or corporation.
20264(30) Session III 06/29-07/24 TBA

MBA 551(Sec #) Research and Analysis **Credit 3**
This course examines the practices and techniques of research applied in profit and nonprofit organizations. Specific components of the course includes basic problem definitions, determining and analyzing information needs and the implementation of research experiments.
20362(30) Session II 06/16-7/24 TBA

MBA 610(Sec #) Research Methods **Credit 3**
Involves the study and application of business research methods. Includes case study analysis and design, survey research, sampling procedures, observational techniques, experimental research designs, descriptive and basic inferential statistics and interpreting and representing research reports. Extensive writing component. Prerequisite: Graduate standing and MGT 605 or equivalent.
20341(30) Session II 06/16-07/24 T R 5:30-8:30 BU 205

MBA 699(Sec #) Independent Study **Credit 3**
Graduate level independent study in complex systems, operational, reporting or quantitative methods. This course includes advanced case study research and analysis, in addition to technical report writing, and analytical model development. Prerequisite: MBA 599 and permission of the Dean of the School of Business.
20361(30) Session II 06/16-07/24 TBA

MET 429(Sec #) Recording Studio Internship **Credit 4**
Practical experience in audio recording under the supervision of an off-campus professional studio. Prerequisite: Completion of all music and engineering courses through the third year. Majors only
20506(30) Session II 06/16-07/24 TBA
*****Permission of Department Chair******

MGT 215(Sec #) Principles of Stats Analysis **Credit 3**
Methods of collecting, organizing, presenting, analyzing, and interpreting business and economic data. These include descriptive statistical methods such as mean, standard deviation and distribution, and inferential statistical methods such as confidence interval, hypothesis testing, one way ANOVA and simple

regression. Emphasis will be placed on the application of statistical analysis in decision making. Prerequisite: MAT 117.

20497(30) Session I 06/02-06/26 MTWRF 12-1:50 BU 210

MGT 216(Sec #) Quantitative Methods Credit 3
Techniques for Decision Making in Business including: correlation and multiple regression analysis; decision analysis; time series and indices; decision trees; applications of various linear programming methods. Algorithms will be applied to finance, advertising, transportation, marketing, accounting and management problems. Use of computer software packages. Prerequisite: MGT 215 and MAT 130.

20614(31) Session I 06/02-06/26 MTWRF 8:00-9:50 BU 209

20615(32) Session I 06/02-06/26 MTWRF 10:00-11:50 BU 210

MGT 305(Sec #) Legal Environmental of Business I Credit 3
The nature, structure, and process of our legal system.

Representative topics include courts: business and its global legal environment, the court system, alternative dispute resolution, business ethics, constitutional law, administrative law, international law, torts and strict liability, torts and crime related to business, contracts, business organization, consumer protection law, and environmental law. Prerequisite: MGT 301.

20133(30) Session I 6/02-06/26 MTWRF 8:00-9:50 BU 210

20390(31) Session III 06/29-07/24 MTWRF 8:00-9:50 BU 210

MGT 312(Sec #) Human Resources Management Credit 3

Principles and Practices of human resource administration, including employee recruitment, selection, placement, training, performance evaluation, compensation, benefits, labor relations, safety, and health will be covered. The strategic role of human resources, equal opportunity, managing careers and fair treatment, and the role of human resources in international business will be also be explored. The course emphasizes practical application and preparation for success as a manager. Prerequisite: MGT 301.

20617(31) Session I 06/02-06/26 MTWRF 10:00-11:50 BU 208

MGT 321(Sec #) Mgt of International Business Credit 3

Examines the international business environment and its impact on management. Focuses on the organization, operation and management of multinational businesses. Emphasizes cross-cultural communications and issues of control and staffing for business operations in foreign countries. Prerequisite: Junior-standing.

20134(30) Session I 06/02-06/26 MTWRF 10:00-11:50 BU 207

20391(31) Session III 06/29-07/24 MTWRF 10:00-11:50 BU 210

MGT 340(Sec #) Business Communication Credit 3

Emphasizes correspondence as a function of business. Stresses: format, clarity, and style in composing letters, reports, memoranda, and speeches to further the general aims of business.

20618(31) Session I 06/02-06/26 MTWRF 8:00-9:50 BU 207

MGT 360(Sec Cooperative Educ / Internship Credit 1-3

Co-ops and internships are on-the-job experiences in the area of management in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for six months duration and worth up to 9 credits, whereas, internships are for summer employment and worth up to 3 credits. Students may arrange for co-ops or internships in their junior and senior years. Prerequisite: Permission of the department chairperson

20674(30) Session III 06/29-07/24 TBA

20463(30) Session I 06/02-06/26 TBA

MGT 414(Sec #) Business Ethics Credit 3

Business Ethics covers the historical and intellectual foundations of ethics and applications to business decision making. This is accomplished by involving the student in the creative process of developing analytic and reasoning skills for reflective moral decision-making and conduct. Typical content includes ethical perspectives and their implications; corporate social responsibility; ethical management of work and people; lying and truth telling business; ethical issues in business accounting, finance, marketing and investment; and, conflicts of interest. The course will require students to participate in a community service project during the semester and report on the experience.

20135(30) Session I 06/02-06/26 MTWRF 12:00-1:50 BU 201

20392(31) Session III 06/29-07/24 MTWRF 12-1:50 BU 201

MGT 418(Sec #) Cross Cultural Management Credit 3

Exploration of the various issues and opportunities that arise when managing outside one's own culture. The manager's credibility and effectiveness in cross-cultural settings will be studied. Includes the application of cross-cultural management strategies for students interested in managing multinational organizations that have mixed culture environments. The course also provides students with skills needed to manage in single culture environments where sub-culture differences exist. Prerequisite: MGT 312, MGT 321.

20616(30) Session I 06/02-06/26 MTWRF 12:00-1:50 BU 207

MGT 495(Sec #) Independent Study Credit 3

20464(30) Session I 06/02-06/26 TBA TBA

20731(31) Session III 06/219-07/24 TBA TBA

MKT 360(Sec #) Coop Edu / Internship Credit 3

Co-ops and internships are on the job experiences in the area of marketing in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Coops are for a six month duration and worth up to 9 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for coops or internships in their junior and senior years. Prerequisite: permission of the department chairperson.

20399(30) Session II 06/16-07/24 TBA

MUS 119(Sec #) Aural Theory and Keyboard Credit 1

Sight-singing (solfege) and keyboard drill in playing scales (all modes) and simple cadences progressing to more complicated progressions in all keys. Must pass.

20394(30) Session I 06/02-06/26 TBA

***MUS 120(Sec #) Aural Theory and Keyboard Credit 1**

Sight-singing (solfege) and keyboard drill in playing scales (all modes) and simple cadences progressing to more complicated progressions in all keys. MUST pass 119.

20396(30) Session I 06/02-06/26 TBA

Need approval of Department Chair Only

MUS 121(Sec #) Written Theory I Credit 2

Review of fundamentals. The study of single-voice, two and three voice writing, through analysis and written exercises leading to four voice harmonic writing. Study of chord progressions involving primary triads, secondary triads, and the dominant seventh chords.

20395(30) Session I 06/02-06/26 TBA

MUS 122(Sec #) Written Theory II Credit 2

Review of fundamentals. The study of single-voice, two and three voice writing, through analysis and written exercises leading to four voice harmonic writing. Study of chord progressions involving primary triads, secondary triads, and the dominant seventh chords. MUST pass MUS 121.

20397(30) Session I 06/02-06/26 TBA

MUS 211(Sec #) Advanced Harmony I Credit 2

Continuation of harmony, to include modulation, seventh chords, and altered chords. Harmonic and structural analysis. Investigation of contemporary harmonic materials. Must pass.

20427(30) Session I 06/02-06/26 TBA

***MUS 212(Sec #) Advanced Harmony II Credit 2**

Continuation of harmony, to include modulation, seventh chords, and altered chords. Harmonic and structural analysis. Investigation of contemporary harmonic materials. MUST pass 211.

20424(30) Session I 06/02-06/26 TBA

Need approval of Department Chair Only

MUS 222(Sec #) Advanced Harmony I Lab Credit 1

Must pass MUS 222 to proceed to MUS 233.

20425(30) Session I 06/02-06/26 TBA

MUS 233(Sec #) Advanced Harmony II Lab Credit 1

Must pass MUS 222.

20411(30) Session I 06/02-06/26 TBA

Need approval of Department Chair Only

MUS 305(Sec #) History of Music II Credit 3

Period concentration on Baroque and Classical history and

Literature with critical analysis of literature.

20405(30) Session II 06/16-07/24 TBA

MUS 306(Sec #) History of Music III Credit 3

Period concentration of Romantic, post-Romantic, and 20th Century history and literature with critical analysis of literature.

20406(30) Session II 06/16-07/24 TBA

***NURV 105(Sec #) Intro to Prof of Nursing Credit 2**

Introduction to concepts related to the individual as an open system; bio-psychosocio-cultural-political needs; wellness-illness continuum; growth and development; ego defense mechanisms and the research process for use of the nursing process to meet the needs of well individual clients. Study of the past, present and emerging role of the nurse and their relationship to social changes affecting the nursing profession. Orientation to the philosophy and conceptual framework of the baccalaureate nursing curriculum. Prerequisites: None. Both semesters.

20751(30) Session I-III 06/02-07/24 F 9:00-1:00pm TBA
****Virginia Beach Campus Only****

NURV 202(Sec #) Nutrition & Dietetics Credit 3

Principles of nutrition in health and illness; practical application of these principles and consideration of individual difference in nutritional requirements. Pre-requisite: None. Both fall and spring semesters. Open to all majors.

20752(30) Session I-III 06/02-07/24 R 9:00-3:00 TBA
****Virginia Beach Campus Only****

****NURV 205(Sec #) Concepts of Professional Nursing Credit 3**

A transition course for Licensed Practical Nurses which covers concepts of professional and theoretical rationale for basic nursing interventions. Prerequisites: State licensure as a practical nurse, ENG 101, CHE 101, and BIO 224. Must be taken concurrently with NUR 206. Both semesters. For majors only.

20418(30) Session I-III 8 weeks 06/02-07/24 T 9:00-12:50 TBA
Virginia Beach Campus

****NURV 206(Sec #) Concepts of Prof Nursing Prac Credit 2**

A practicum course which provides for clinical application of the nursing concepts as a science and a process. Prerequisites: State licensure as a practical nurse, ENG 101, CHE 101 and BIO 224. Must be taken concurrently with NUR 205. Both semesters. For majors only.

20419(30) Session I-III 8 weeks 06/02-07/24 R 7am-3:50pm
for LPNs Only
Virginia Beach Campus

****NURV 215(Sec #) Foundations of Nursing Credit 3**

This course focuses on assisting persons of all ages to meet their basic needs. Students will concentrate on concepts of the nursing process, health teaching, relationship – centered communication, ethical-legal issues and caring. The integration of concepts related to mental health, nutrition, pharmacology, and pathophysiology will begin in this course. Students also will begin the process of developing health care skills for self and others. Prerequisites: NURV 105, BIOV 103 and 304. Co-requisite: NURV 216. Summer

20717(30) Session I-III 8 weeks 06/02-07/24 M 9:00-2:50 TBA
20718(31) Session I-III 8 weeks 06/02-07/24 M 9:00-2:50 TBA
Virginia Beach Campus Only

****NURV 216(Sec #) Foundation of Nursing Practicum Credit 3**

Clinical application of the nursing process, use of therapeutic communication, health teaching and selected nursing techniques in meeting basic needs of self and others in the community. Students will be expected to actively participate in the design and implementation of a life-long, personal, self-care plan. It is expected that each student's learning experiences will be unique, integrating interests, community resources and course requirements. Co-requisite: NURV 215. Summer semester.

20719(30) Session I-III 8 weeks 06/02-07/24 WR 7:00-3:00
20720(31) Session I-III 8 weeks 06/02-07/24 WR 7:00-3:00
20721(32) Session I-III 8 weeks 06/02-07/24 WR 7:00-3:00
20722(33) Session I-III 8 weeks 06/02-07/24 WR 7:00-3:00
20723(34) Session I-III 8 weeks 06/02-07/24 WR 7:00-3:00
Virginia Beach Campus Only

NUR 217(Sec #) Health Assessment Credit 2

Study of primary health care concepts as they relate to the biological, psychological, and sociocultural assessment of individuals and families in meeting basic needs of individuals in a multicultural society. Emphasis is placed on techniques of data collection through health histories and physical examinations for the establishment of a data bases for the nursing process. Prerequisite: NUR 105, BIO 103, BIO 224-225 or BIO 302-336, and BIO 304. Co-requisite: NUR 218.

20741(30) Session II 06/16 – 07/24 MTWR 9-10:30 WF 212

NUR 218(Sec #) Health Assessment: Practicum Credit 1

Application of primary health care principles and techniques of data collection for the assessment of individuals and families in meeting basic needs of individuals in a multicultural society. Data are collected through the health history and physical examination to establish a data based for the nursing process. Co-requisite: NUR 217. Both semesters. For majors only.

20742(30) Session II 06/16-07/24 MTWR 11-1:00 WF TBA

****NURV 230(Sec #) Computations in Pharmacotherpctes Credit 1**

Application of basic mathematical skills and formulas related to computation of drug dosages to meet the needs of well and ill individual clients. Content includes calculation of oral, parenteral and pediatric dosages, conversion between the metric and Apothecaries systems to implement the nursing process. Prerequisite: None. Summer semester. For majors only.

20713(30) Session I-III 8 weeks 06/02-07/24 T 9:00-3:00 TBA
20714(31) Session I-III 8 weeks 06/02-07/24 T 9:00-3:00 TBA
****Virginia Beach Campus Only****

NUR 233(Sec #) Concepts of Professional Nursing Credit 4

A transition course for licensed practical nurses which covers concepts of professional nursing theoretical rationale for basic nursing interventions, application of basic mathematical skills, formulas and fundamentals of drug therapies. Study of the past, present and emerging role of the nurse and the relationship to social changes affecting the nursing profession. Orientation to the philosophy and conceptual framework of the baccalaureate nursing curriculum. Prerequisites: State licensure as a licensed practical nurse, BIO 103 and 304. Co-requisite, NUR 234. Summer semesters. For majors only.

20743(30) Session II 06/16 -07/24 T W 1:00-4:50 WF TBA
****for LPNs Only****

****NURV 233(Sec #) Concepts of Professional Nursing Credit 4**

A transition course for licensed practical nurses which covers concepts of professional nursing theoretical rationale for basic nursing interventions, application of basic mathematical skills, formulas and fundamentals of drug therapies. Study of the past, present and emerging role of the nurse and the relationship to social changes affecting the nursing profession. Orientation to the philosophy and conceptual framework of the baccalaureate nursing curriculum. Prerequisites: State licensure as a licensed practical nurse, BIO 103 and 304. Co-requisite, NUR 234. Summer semesters. For majors only.

20715(30) Session I-III 8 weeks 06/02-07/24 T 9:00-12:50
Virginia Beach Campus Only

NUR 234(Sec #) Concepts of Prof Nursing: Practicum Credit 3

A practicum course which provides for clinical application of the nursing concepts as science and a process. Co-requisite: NUR 233. Summer semester only. For majors only.

20744(30) Session II 06/16-07/24 S 6:30am-6:30pm TBA

***NURV 234(Sec #) Concepts of Prof Nrsng: Practicum Credit 3**

A practicum course which provides for clinical application of the nursing concepts as science and a process. Co-requisite: NUR 233. Summer semester only. For majors only.

20716(30) Session I-III 06/02-07/24 W R F 7:00-2:50 TBA
For LPNs Only
****Virginia Beach Campus Only****

***NURV 300 (Sec #) Special Topics in Nursing Credit 2**

A tutorial for the five major nursing courses and the Professional Development seminar. Content for each section will be specific to

the related nursing courses. The following section numbers correspond to the respective corequisite courses: Section 01-NURV 345, Section 02-NURV 355, Section 03- NURV 455, Section 4- NURV 445, Section 5-NURV 215 and Section 7 – NURV 419 (by permission only). Prerequisite: Same as major nursing course. For majors only.

20529(37) Session I-III 8 weeks 06/02-07/24 TBA

20563(33) Session I-III 8 weeks 06/02-07/24 TBA

20564(35) Session I-III 8 weeks 06/02-07/24 TBA

******Virginia Beach Campus Only******

***NURV 399(Sec #) Nursing Internship Credit 3**

This course provides junior students with the opportunity to collaborate with a faculty member conducting ongoing research. An individual teaching-learning research contract specifies the amount of time, particular tasks and level required to earn the desired grade for the number of credits earned. Contracts must be negotiated during the first week of class. Nursing Elective. Open to all majors.

20388(30) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

20478(31) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

20479(32) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

20480(33) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

20481(34) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

20482(35) Session I-III 8 weeks 06/02-07/24 T W 10:00-2:00

******Virginia Beach Campus Only******

***NUR 403(Sec #)Trends, Iss and Leadership in Nrsng Credit 2**

Investigation and analysis of issues and trends in the delivery of health care to meet the basic needs of individuals, families, groups and communities in various environments. Prerequisites: NUR 303, 304, 305, 306, 310, 311 (NUR 301, 302 for RN's) or by special permission.

20230(30) Session II 06/16-07/24 M 1:00-4:50 WF 213A

20231(31) Session II 06/16-07/24 TBA WF 124

****Open to Registered Nurses Only****

***NUR 404 (Sec #)Trends, Iss and Ldrship in Nursng Credit 2**

Applications of theories and concepts of leadership and management within a social system and problem-solving technique as an integrative approach to conflict resolution and decision making. Must be taken concurrently with NUR 403

20232(30) Session II 06/16-07/24 TBA WF 124

20233(31) Session II 06/16-07/24 TBA WF 124

****Open to Registered Nurses Only****

***NURV 415(Sec #) Community Health Nursing Credit 4**

Major focus is on the nursing process in the community health care service. The concept of prevention of illness and maintenance of health on the wellness-illness continuum is applied.

Communication skills for use in collaborative relationships with individuals, families, other health team members and groups are expanded. Major emphasis is on health teaching, counseling and the expanded nursing role within the community for meeting basic needs of clients. Prerequisite: NURV 420, 421. Co-requisite: NURV 417. For Registered nurse students only. Spring semester.

20724(30) Session I-III 8 weeks 06/02 -07/24 TBA

******Virginia Beach Campus Only******

***NURV 417(Sec #)Community Health Nursing Prctcm Credit 4**

Major focus is on the nursing process in the community health care system. The concept of prevention of illness and maintenance of health on the wellness-illness continuum is applied. Use of communication skills in collaborative relationships with individuals, families, other team members and groups is expanded. Students use health teaching and counseling skills while implementing an expanded nursing role within the community to meet basic needs of clients. Co-requisite: NURV 415. For Registered nurse students only. Spring semester.

20725(30) Session I-III 8 weeks 06/02-07/24 TBA

******Virginia Beach Campus Only******

NUR 418(Sec #) Issues in Research Seminar Credit 2

Students will critique research in terms of its implications for nursing practice and health care policy. Opportunities will be provided to discuss ways to implement research findings in practice settings. A senior research project and paper will be required. Prerequisite: PSY 346 or MAT 205, NUR 345, 346, 355, 356 for beginning nursing students and PSY 346 or MA 205 for registered

nurse students. Offered both semesters for beginning nursing students and summer for registered nurse students. For majors only.

20745(30) Session II 06/16 -07/24 TBA

***NURV 419(Sec #) Professional Development Credit 2**

Emphasis will be on basic organizational assessment, leadership and health-care management from the perspectives of voluntary agencies, health care provider organizations and service delivery. A synthesis course utilizing the nursing process in coordinating care for a variety of clients at various states along the wellness-illness continuum. Selected cases are used for developing the professional Nurse's role in managing care to individual, families and groups.

Must be taken the semester of graduation. Both semesters for majors only.

20565(30) Session I-III 8 weeks 06/02-07/24 W 9:00-1:00

Virginia Beach Campus Only

***NURV 435(Sec #) Manag Alt in Hea Acr Lfspan I Credit 4**

Empahsis is on the etiology and control of major health problems, at risk populations, health policy, conflict resolution, organizational leadership and management, and nursing research. Opportunities will be provided to investigate relationships between bio-psycho-socio-cultural-political-spiritual-factors and the health of the community. This is one of two companion courses (NUR 425 and 435) taken over an academic year. The sequence of the courses is interchangeable. Corequisites: NUR 436, 437.

20491(30) Session I-III 8 weeks 06/02- 07/24 M 9:00-4:00

20726(31) Session I-III 8 weeks 06/02-07/24 M 9:00-4:00

Virginia Beach Campus Only

***NURV 436(Sec #) Mgt of Alt Hea in Comm I Credit 4**

Case management will be the focus of this experience in settings such as planned parenthood, and/r government or private community based health agencies. The additional concepts of the etiology and control of major health problems, conflict resolution, care coordination, organizational leadership and management, and nursing research will be included. Corequisites: NUR 435, 437.

20492(30)Session I-III 8 weeks 06/02-07/24 7:00-3:00

20525(31)Session I-III 8-weeks 06/02 -07/24 7:00-3:00

20526(32)Session I-III 8-weeks 06/02 -07/24 7:00-3:00

20527(33)Session I-III 8-weeks 06/02 -07/24 7:00-3:00

20528(34)Session I-III 8-weeks 06/02 -07/24 7:00-3:00

20530(35)Session I-III 8-weeks 06/02 -07/24 7:00-3:00

Virginia Beach Campus Only

***NURV 437(Sec #) Health Mgt Tech / Info I Credit 3**

Professional presentation in nursing teams and interdisciplinary opportunities as an advocate for client health care needs, using information technologies to ethically and accurately promote professional nursing roles in society. Synthesis of knowledge from previous and concurrent courses is expected to be demonstrated. Presentation at professional meetings and publication encouraged. Corequisites: NUR 435 and 436.

20493(30) Session I-III 8 weeks 06/02-07/24 9:00-2:00

20727(31) Session I-III 8 weeks 06/02-07/24 9:00-2:00

Virginia Beach Campus Only

***NUR 530(Sec #) Maternal-Fetal Pharmacology Credit 3**

Students are advised to take this course before they begin the clinical sequence whenever possible although it is not a prerequisite to the clinical sequence. The School of Nursing has rolling admission to even students who are full time are usually able to take this course in the summer before beginning school full-time in the Fall. Part rime students have no difficulty in taking NUR 531 prior to the clinical sequence. This course provides information about the pharmacology and management of drugs during the antenatal period and focuses on the principles of pharmacology as they apply to advanced nursing care of women, including uncomplicated, low-risk pregnancy. An emphasis of this course is the interrelationship of drug actions to physiologic and pathologic states during pregnancy. Summer Session.

20241(30) Session II 06/16-07/24 TBA

*****Open to Women's Health NP Students Only*****

***NUR 531(Sec#) Physiological Aspects of Reproduction and Development Credit 3**

This course focuses on bio-physiologic processes such as the genetic and endocrine basis of reproduction and maternal physiologic

adaptation associated with pregnancy. Fetal growth and development and biologic basic of development are essential components of the course. NUR 531 is a prerequisite for all clinical courses.

20242(30) Session II 06/16-07/24 TBA
*****Open to Women's Health NP Students Only*****

NUR 619(Sec #) Advanced Care Family Nursing Credit 4
Advanced specialization in primary care family nursing of specific clients experiencing stable, long-term health problems in all developmental states in selected ambulatory health care settings. Emphasis placed upon utilization of theories and concepts from conceptual framework in the refinement and extension of assessment and management skills, individual and family health care, and community concepts by the nurse practitioner in collaboration with physicians and other health care providers. Health planning in interdisciplinary health care team encouraged with community assessment. Prerequisite: Nursing 618. Summer Session. Four credit hours, four lecture hours and thirty-two hours clinical including 2 hours clinical consultation per week for an eight week Summer Session. Registration by permission of Family Nurse Practitioner Faculty.

20234(30) Session II 06/16-07/24 TBA
20235(79) LAB Session II 06/16-07/24 TBA

NUR 642(Sec #)Hea Problems of Childbrng Woman Credit 5
This course provides advanced specialization in women's health nursing. Emphasizes the provision of women's health from adolescence through childbearing in clinical settings by the learner in consultation with faculty and preceptors. Women's Health Nurse Practitioner's role is defined as the student practices in collaboration with obstetricians/gynecologists and other health care providers in the application of theories of management. Critical examination of current women's health research. Emphasis is on the integration and application of knowledge about nursing theories related to the family as systems of care. Selected theories/conceptual frameworks and current research finds related to human development, women, and families will be emphasized. Students will explore group dynamics of women and the family system, communication theories, group processes, and the facilitation of change. Emphasis will also be placed on application of these findings to advanced nursing practice with women and families. Seminar. Two to eight hours clinical days per week. Summer Session

20262(30) Session II 06/16-07/24 TBA

NUR 689(Sec #) Advanced Pediatric Pathophysiology Credit 1
This lecture course provides the Pediatric Nurse Practitioner student the opportunity to study the pathophysiology and assessment parameters of the major body systems for infants, children, and adolescents. Approaches to wellness and disease management are identified within the scope of practice for Pediatric Nurse Practitioners. Prerequisites: Admission to the Pediatric Nurse Practitioner specialty, or permission of the instructor. Summer Session.

20236(30) Session II 06/16-07/24 TBA WF 123

NUR 695(Sec #) Advanced Pedia Nursing II Credit 2
This lecture course focuses on the identification of strategies appropriate for the diagnosis and management of common chronic problems and illnesses of children from birth through adolescence in the primary health care setting. Theories and concepts from the natural and social sciences that are applicable to the role of the Pediatric Nurse Practitioner are utilized. Critical thinking and diagnostic reasoning are used as a framework when determining primary health care needs.

20237(30) Session II 06/16-07/24 TBA WF 126

NUR 696(Sec #) Advanced Pediatric Nursing II Credit 2
This seminar course provides a forum for discussion for the management of common, chronic, developmental, and/or behavioral pediatric problems. Analysis of these complex pediatric problems related to primary care of infants, children, and adolescents and their families are the basis for discussion.

20238(30) Session II 06/16-07/24 TBA WF 126

NUR 697(Sec #) Adv Pediatric Nursing II Practicum Credit 2
This clinical course provides the Pediatric Nurse Practitioner (PNP)

student the opportunity to apply theories and concepts which support the development of the advanced practice role. Critical thinking and diagnostic reasoning will be utilized. The focus will be to provide diagnosis and management of common, chronic problems and illnesses, and health maintenance and promotion service to children of all ages and to their families in the primary health care setting. Eight clinical hours per week.

20239(30) Session II 06/16-07/24 TBA WF 125

NUR 697(Sec #) Adv PEDIATR Nursing II Practicum Credit 2
This clinical course provides the Pediatric Nurse Practitioner (PNP) student the opportunity to apply theories and concepts which support the development of the advanced practice role. Critical thinking and diagnostic reasoning will be utilized. The focus will be to provide diagnosis and management of common, chronic problems and illnesses, and health maintenance and promotion services to children of all ages and to their families in the primary health care setting. Eight (8) clinical hours per week. Summer Session.

20239(30) Session II 06/16 - 07/24 TBA

***NUR 803(Sec #) Dissertation Research Credit 1-6**
Must be repeated until dissertation is complete. The preparation of the dissertation should begin early in the program and evolve from a study of family or family-related issues. The dissertation should reflect high-level analytical and research competence, and represent an original contribution to the field. The dissertation constitutes the final phase of the program. The first semester after completion of the coursework, students must register for six (6) credit hours of Dissertation Research. Each subsequent semester, students must register for one (1) credit hour until the dissertation is complete.

20501(30) Session II 06/16-07/24 TBA

Restricted by Permission Only

August 09 Graduates Only

PED 108(Sec #) Basic Swimming Credit 1
These courses are available to fulfill the students' general college requirements for physical education. Intermediate courses are designed for those who have mastered the fundamentals, but desire additional training and practice. All classes are co-educational unless specific by sex. All of the required service classes will meet two hours per week.

20540(30) Session III 06/29-07/24 TBA

PED 134(Sec #) Beginning Swimming Credit 1
This course is available to fulfill the students' general college requirements for physical education. Intermediate courses are designed for those who have mastered the fundamentals, but desire additional training and practice. All classes are co-educational unless specific by sex. All of the required service classes will meet two hours per week.

20426(30) Session III 06/29-07/24 MTWR 12-1:50 HO

PED 135(Sec #) Intermediate Swimming Credit 1
This course is available to fulfill the students' general college requirements for physical education. Intermediate courses are designed for those who have mastered the fundamentals, but desire additional training and practice. All classes are co-educational unless specific by sex. All of the required service classes will meet two hours per week.

20415(30)Session II 06/16-07/24 MTWRF 4:00-4:50 HO Pool

PED 137(Sec #) Beginning Tennis Credit 1
This course is available to fulfill the students' general college requirements for physical education. Intermediate courses are designed for those who have mastered the fundamentals, but desire additional training and practice. All classes are co-educational unless specific by sex. All of the required service classes will meet two hours per week.

20457(30) Session II 06/16-07/24 M W 8:00-9:45 HO Setc

20458(31) Pre-College 06/23-07/24 T R 8:00-9:45 HO Setc

PED 492(Sec #) Practicum in Athletic Administration Credit 3
This course provides the student with the initial experience in the actual management of a sport facility. Students are required to select a facility, observe as well as become involved in introductory experiences.

20149(30) Session II 06/16-07/24 TBA

PED 494(Sec #) Internship **Credit 12**
Students in this course will be assigned to schools, colleges, universities, commercial sport centers, health clubs, professional organizations and other sport management specific experiences.
20278(31) Session II 06/16-07/24 TBA

PED 499(Sec #) Independent Study **Credit 3**
Reading and research in approved topics under the guidance of a faculty member of the department. Course may be repeated once for credit with a change in subject matter.
20150(30) Session II 06/16-07/24 TBA

PHA 311(Sec #) Physiological Chemistry **Credit 3**
This course provides an overview of the chemical and physical properties of biomolecules, including carbohydrates, proteins, enzymes, lipids, nucleic acids, and vitamins. It focuses on the relationship of organic functional groups to these properties and their role in the activity of drugs. The course also focuses on intermediary metabolism and chemical interconversions in living systems. Prerequisite: Successful completion of all pre-pharmacy courses.
20509(30) Session I 06/02-06/26 TBA

PHA 314(Sec #) Medicinal Chemistry **Credit 4**
The focus of this two-course sequence is the chemistry of natural and synthetic drug entities, their physicochemical properties, methods of synthesis, sources, derivatives, modes of biotransformation, and structure activity relationships. In this course, a concerted effort is made to link the chemical structure of drugs to their pharmacological / pharmacokinetic / toxicity profiles. Prerequisites: PHA 314 – Successful completion of PHA 311; PHA 413 – Successful completion of all P-1 level courses.
20422(30) Session III 06/29 – 07/24 TBA
20510(31) Session III 06/29 – 07/24 TBA

PHA 321(Sec #) Anatomy/Applied Physiol **Credit 5**
Lectures, laboratories and demonstrations are designed to acquaint the student with the basis structure of the human body and the fundamental principles of human physiology. Concepts are taught which integrate physiology and pathophysiology. The course is organized according to the following systems: cellular physiology, neurophysiology, cardiovascular, respiratory, renal gastrointestinal and endocrine physiology. Prerequisite: Successful completion of all pre-pharmacy courses.
20507(30) Session III 06/29-07/24 TBA
20508(79) Lab Session III 06/29-07/24 TBA

PHA 361(Sec #) Biopharmaceutics **Credit 5**
This course is designed to help students to understand physicochemical and biological factors, which affect the stability, kinetics, bioavailability and bioequivalence of drugs in dosage forms. It will also focus on the design, preparation, evaluation and use of liquid dosage forms. Calculations, metrology, and laboratory exercises are also emphasized. Prerequisite: Successful completion of all pre-pharmacy courses.
20204(30) Session I 06/02–06/26 TBA
20205(79) Lab Session I 06/02 – 06/26 TBA

PHA 370(Sec #) Community IPPE **Credit 1**
An introductory pharmacy practice experience (IPPE) designed to assist the student in actively participating in and experiencing the distributive functions of pharmacy in the community pharmacy practice setting. The community pharmacy practice setting experience is divided into six main areas of experience: prescription processing and compounding, over the counter products, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction/education. Prerequisites: Successful completion of all P-1 level didactic courses.
20706(30) Session II 06/16 – 07/24 TBA

PHA 470(Sec #) Institutional IPPE **Credit 1**
An introductory pharmacy practice experience (IPPE) designed to assist the student in actively participating in and experiencing the distributive functions of pharmacy in the institutional pharmacy practice settings. The institutional pharmacy practice experience is divided into seven main areas of experience: drug distribution, manufacturing activities, dissemination of drug and produce information, patient counseling and education, pharmacy

administration and management, pharmacy law, and team interaction/education. Prerequisites: Successful completion of all P-2 level didactic courses
20707(30) Session II 06/16 – 07/24 TBA

PHA 484(Sec #) Drug and Disease Mgmt III **Credit 4**
This sequence of courses is an integrated course that emphasizes a patient focused, systematic management of disease through appropriate therapeutic regimens. This course is organized by diseases groups and provides each student with basic knowledge of pathophysiology, pharmacology and therapeutics, thus enabling them to manage any disease state, establish rational treatment and realistic outcomes, and provide parameters to monitor the progression of disease. Prerequisites: PHA 480, 482, and 484 - Successful completion of all P-1 level courses and all P-2 Fall semester courses; PHA 581, 583, 585, 586, and 588 - Successful completion of all P-1 and P-2 level courses.
20626(30) Session I 06/02 – 06/26 TBA

PHA 581(Sec #) Drugs and Disease Mgmt IV **Credit 3**
This sequence of courses is an integrated course that emphasizes a patient focused, systematic management of disease through appropriate therapeutic regimens. This course is organized by diseases groups and provides each student with basic knowledge of pathophysiology, pharmacology and therapeutics, thus enabling them to manage any disease state, establish rational treatment and realistic outcomes, and provide parameters to monitor the progression of disease. Prerequisites: PHA 480, 482, and 484 - Successful completion of all P-1 level courses and all P-2 Fall semester courses; PHA 581, 583, 585, 586, and 588 - Successful completion of all P-1 and P-2 level courses.
20705(30) Session I 06/02 – 06/26 TBA

PHA 650(Sec #) Seminar I **Credit 1**
The seminar series is a three course requirement that is designed to provide students with the skills, techniques, and competencies required to successfully navigate the advanced clinical clerkship experiences. In addition this course provides the student an opportunity and experience in preparing and presenting pharmacy related topics to colleagues and other healthcare professionals in a formalized manner. Prerequisites: Successful completion of all P-1 and P-3 courses.
20267(30) Session I-III (8weeks) 06/02-07/24 TBA

PHA 670(Sec #) Community Externship **Credit 5**
An externship experience designed to assist the student in actively participating and experiencing the distributive functions of pharmacy in the community pharmacy practice setting. The community pharmacy practice setting experience is divided into six main areas of experience: prescription processing a compounding, over the counter products, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction / education. Prerequisite: Successful completion P1 and P2 level courses.
20206(30)Session I-III (8weeks) 06/02-07/24 MTWRF 11-12:50

PHA 671(Sec #) Institutional Externship **Credit 5**
An externship experience designed to assist the student in actively participating and experiencing the distributive functions of pharmacy in the institutional pharmacy practice setting. The institutional pharmacy practice experience is divided into six main areas of experience: drug distribution, manufacturing activities, dissemination of drug and product information, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction / education. Prerequisite: Successful completion P1 and P2 level courses.
20207(30) Session I-III (8weeks) 06/02-07/24 MTWRF 3-5:50

PHA 672(Sec #) Community/Inst Externship II **Credit 5**
An externship experience designed to assist the student in actively participating and experiencing the distributive functions of pharmacy in the community, institutional or other pharmacy practice settings which provide distributive services of pharmaceuticals (nuclear pharmacy, long-term care, mail order etc). The pharmacy practice experience is designed to provide additional experience in the following areas: prescription processing and compounding, over the counter medications, drug distribution, manufacturing

management, pharmacy law, and team interaction / education.
Prerequisite: Successful completion P1 and P2 level courses.
20208(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 6-7:50

PHA 683(Sec #) Geriatrics Credit 5
Impatient and/or outpatient experiences in the care of the elderly. Objectives will include developing medication care plans (MCP) for patients who have diminished blood flow in face of multiple disease states, frailty of body and spirit, diminished mental capacity, diminished mobility and reduction in use of senses (e.g. sight, hearing). Attention will also be focused on developing the most economical MCP for persons with reduced or limited income. Simultaneous assignment to several inpatient facilities, home health care agencies, or home bound patients is likely. An understanding of the impact of Medicare and other insurance plans on the ability to deliver the best MCP is an objective for all assignment areas.
20352(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 4-4:50
20353(31) Session I-III (8 weeks) 06/02-07/24 MTWRF 4-4:50

PHA 685(Sec #) Administration Credit 5
Designed to expose the student to a variety of situations related to the running of a medical-related operation, including medical profession associations. The student will be paired with an administrative level preceptor from industry, chain pharmacy, hospital pharmacy, or professional organizations. The five week rotation may be split among as many as 3 such experiences with no less than 1 week in any specific arena.
20351(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 3-3:50

PHA 690(Sec #) Internal Medicine Credit 5
The internal medicine rotation is designed to provide the student exposure and experience in comprehensive treatment of disease states of adult medicine patients being cared for in the hospital or institutionalized setting (hypertension, pneumonia, asthma, congestive heart failure, diabetes, infectious diseases, etc) In addition, students will utilize problem-solving skills, develop therapeutic plans, monitor lab values, assess for drug interactions and adverse drug reactions. Prerequisites: Successful completion of all P-1, P-2 and P-3 courses.
20268(40) Session I-III (8 weeks) 06/02-07/24 MTWRF 10-11:50

PHA 691(Sec #) Ambulatory Care I Credit 5
The Ambulatory Care I rotation is designed to give students experience in treating patients in "out-patient" settings that are typically not acutely ill. These experiences could focus on the medication management of specific diseases (such as hypertension, diabetes, asthma, Coumadin monitoring, etc.) or general care of patients with chronic conditions. Students will utilize problem solving skills, patient medication counseling, therapeutic monitoring, as well as address interaction, side effects, and compliance issues in the care of these patients. Prerequisites: Successful completion of all P-1, P-2 and P-3 courses.
20269(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 10-11:50
20270(31) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-2:50
20271(40) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-2:50
20342(32) Session I-III (8 weeks) 06/02-07/24 MTWRF 10-11:50
20343(33) Session I-III (8 weeks) 06/02-07/24 MTWRF 10-11:50
20344(34) Session I-III (8 weeks) 06/02-07/24 MTWRF 10-11:50

PHA 692(Sec #) Ambulatory Care II Credit 5
The Ambulatory Care II rotation will focus on management of patients in specialized out-patient settings such as retail pharmacy, managed care, long-term care, home health care, and specialty clinics or programs. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.
20345(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50
20346(31) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50
20347(32) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50
20348(33) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50
20349(34) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50
20350(35) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-1:50

PHA 693(Sec #) Pediatrics Credit 5
The Pediatric rotation provides students with the opportunity to learn how to effectively treat medical illnesses of infant and child patients. Students will learn the different treatment options and regimens utilized in this patient population and take into consideration the different pharmacokinetic properties. Common

disease states that will be seen are pneumonia, asthma, epilepsy, diabetes, sickle cell, trauma, and other common childhood diseases. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.
20272(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 3-4:50

PHA 694(Sec #) Psychiatry Credit 5
The Psychiatric rotation provides students experience in treating acute as well as chronic psychiatric patients. Emphasis is on the initiation of medication, therapeutic monitoring, as well as medication stabilization and long-term treatment of psychiatric patients. Students will learn how to dose, treat, and monitor patients with mood disorders, schizophrenia, substance abuse disorders, cognitive disorders and other clinical psychiatric disorders. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.
20273(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 3-4:50

PHA 695(Sec #) Drug Information Credit 5
The clerkship experience allows the students to serve as a primary provider of drug information in a structured environment that possesses both the resources and the faculty expertise in clinical information management and dissemination. Emphasis is placed on how to properly receive drug information requests, design and execute a systematic search strategy, assimilate the information retrieved, and formulate and communicate an appropriate response. The student continues to build their knowledge base of available drug information resources and gains practical experience in critically evaluating those resources. Students on this rotation also prepare drug monographs and journal articles to further develop their medical writing skills. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.
20275(30) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-2:50
20276(31) Session I-III (8 weeks) 06/02-07/24 MTWRF 1-2:50

PHA 699(Sec #) Internal Medicine II Credit 5
Designed to provide the student with an advanced level of exposure to the patient (generally institutionalized) who has an acute organic ailment requiring medical treatment or other intervention of intense or unusual nature. Specialized internal medicine areas, hematology/oncology, ICU, CCU, surgery, general oncology, infectious disease are representative of the type and level of exposure.
20548(30) Session I-III (8 weeks) 06/02-07/24 TBA

PHI 210(Sec #) Logic/Scientific Method Credit 3
Study of both traditional logic and modern developments with particular stress upon their applications in areas of communications and in natural and social services
20304(30) Session I 06/02-06/26 MTWRF 10-11:50 MK TBA
20376(31) Session I 06/02-06/26 MTWRF 1:00-2:50 MK TBA

PHY 191(Sec #) Introduction to Research in Physics Credit 1-3
Designed for freshman level undergraduates. Emphasis will be placed upon introduction to areas of physics research, regular attendance at appropriate seminars, techniques of literature searches, and background study. Prerequisite: Consent of the department chair.
20094(30) Session I 06/02-06/26 TBA

PHY 291(Sec #) Basic Research Topics Credit 1-6
Designed for junior level undergraduates. Emphasis will be placed upon conducting directed research in physics with a designated research mentor and regular attendance at selected seminars. Review basic literature search techniques. This course may be taken twice. Prerequisite: Consent of the research mentor.
20280(31) Session II 06/16-07/24 TBA
20095(30) Session III 06/29-07/24 TBA

PHY 300(Sec #) Cooperative Work Study/Internship Credit 4-12
The student is placed in an industrial or governmental laboratory to obtain practical experience in some area of physics. A minimum of nine weeks of full time equivalent work is required for the internship Program. A minimum of six months of full time work is required for the Cooperative Work Study Program, and an additional nine weeks is required for governmental agencies. Written evaluation by a supervisor and a final report for the department Chair are required for each program. Prerequisite:

Completion of sophomore level science courses and consent of the department chairman.

10824(30) Session II 06/17-07/25 TBA

PHY 391(Sec #) Intern Research Topics in Physics Credit 1-9
Designed for junior level undergraduates. Emphasis will be placed upon conducting directed research in physics with a designated research mentor and regular attendance at selected seminars. Review basic literature search techniques. This course may be taken twice. Prerequisite: Consent of the research mentor.

20097(30) Session I 06/02 06/26 TBA

20281(31) Session II 06/16 – 07/24 TBA

PHY 491(Sec #) Sr. Research Topics Phys Credit 1-12

Designed for senior level undergraduates. Emphasis will be placed upon participating in an independent research project or making a major contribution to departmental research with a designated research mentor. The student will produce a publication quality research report or thesis. Regular attendance at the physics seminar series is also required. This course may be taken twice. Prerequisite: Consent of the research mentor.

20381(30) Session II 06/16-07/24 TBA

PHY 616(Sec #) Research Problems I Credit 1- 12

Research on problems leading to a master's thesis

20098(30) Session II 06/16-07/24 TBA

20099(31) Session II 06/16-07/24 TBA

20100(32) Session II 06/16-07/24 TBA

20315(33) Session II 06/16-07/24 TBA

20316(34) Session II 06/16-07/24 TBA

20317(35) Session II 06/16-07/24 TBA

20318(36) Session II 06/16-07/24 TBA

20319(37) Session II 06/16-07/24 TBA

20320(38) Session II 06/16-07/24 TBA

20321(39) Session II 06/16-07/24 TBA

20322(40) Session II 06/16-07/24 TBA

20323(41) Session II 06/16-07/24 TBA

PHY 622(Sec #) Studies in Intern Energy Physics Credit 1-6

20101(30) Session II 06/16-07/24 TBA

PHY 630(Sec #) Clinical Rotation I Credit 4

This course provides the student hospital based experience with commercially available and commonly used diagnostic and treatment instrumentation, including radiation therapy, gamma cameras, PET, CT, MRI, and particle acceleration. Clinical experience is a requisite for sitting ABR certification examinations.

20305(30) Session I 06/02 - 06/26 TBA

PHY 681(Sec #) Thesis Credit 3

20102(30) Session II 06/16-07/24 TBA

PHY 700(Sec #) Thesis Registration Credit 1

20103(30) Session II 06/16-07/24 TBA

PHY 703(Sec #) Ph.D Qualifying Examination Credit 1

Graded S/U Only. Passing grade of S is awarded upon successful completion of all four parts of this examination

20296(31) Session I 06/02 - 06/26 TBA

PHY 733(Sec #) Spec Topics in Opt Physics I Credit 3

Special topics in Optical Physics of current interest to faculty and students, such as quantum optics, optoelectronic systems, laser physics, optical chaos, nonlinear spectroscopy. This course may be taken for credit more than one time as the topic changes.

20702(30) Session I 06/02 – 06/26 TBA

PHY 734(Sec #) Special Topics in Optical Physics Credit 3

Special topics in Optical Physics of current interest to faculty and students, such as quantum optics, optoelectronic systems, laser physics, optical chaos, nonlinear spectroscopy. This course may be taken for credit more than one time as the topic changes.

20703(30) Session III 06/29 – 07/24 TBA

PHY 791(Sec #) Dissertation Research Credit 1-12

Research on problems leading to a dissertation.

20104(30) Session II 06/16-07/24 TBA

20105(31) Session II 06/16-07/24 TBA

20106(32) Session II 06/16-07/24 TBA

20306(33) Session II 06/16-07/24 TBA

20307(34) Session II 06/16-07/24 TBA

20308(35) Session II 06/16-07/24 TBA

20309(36) Session II 06/16-07/24 TBA

20310(37) Session II 06/16-07/24 TBA

20311(38) Session II 06/16-07/24 TBA

20312(39) Session II 06/16-07/24 TBA

20313(40) Session II 06/16-07/24 TBA

20314(41) Session II 06/16-07/24 TBA

20447(42) Session II 06/16-07/24 TBA

PHY 797(Sec #) Dissertation Registration Credit 1

20107(30) Session II 06/16-07/24 TBA

PHY 798(Sec #) Doctoral Final Oral Comp Exam Credit 1

20108(30) Session II 06/16-07/24 TBA

PIA 104(Sec #) Minor Performance II Credit 1- 2

Small group lessons in minor piano. Special emphasis to be placed on basic technique and literature of the piano or an intermediate level. Proficiency examination is taken at the end of the first year for Music Education Major. Non majors must have departmental permission to enroll.

20644(30) Session II 06/16 -07/24 TBA AR

PIA 203(Sec #) Minor Performance I Credit 1-2

Small group lessons in minor piano. Special emphasis to be placed on basic technique and literature of the piano or an intermediate level. Proficiency examination is taken at the end of the first year for Music Education Major. Non majors must have departmental permission to enroll.

20645(30) Session II 06/16 -07/24 TBA AR

PIA 204(Sec #) Minor Performance II Credit 1-2

Small group lessons in minor piano. Special emphasis to be placed on basic technique and literature of the piano or an intermediate level. Proficiency examination is taken at the end of the first year for Music Education Major. Non majors must have departmental permission to enroll.

20646(30) Session II 06/16 – 07/24 TBA

POL 201(Sec #) Intro to Political Science Credit 3

Critical examination of the nature of politics, subject matters, basic concepts, approaches, problems, and research methods.

20587(30) Pre-College 06/23-07/24 MTWRF 8-9:45 MK 128

20588(31) Pre-College 06/23-07/24 MTWRF 10-11:45 MK 102

POL 202(Sec #) Ancient and Medieval Pol Thought Credit 3

Analytical review of the political writings and great thinkers from the Greek period to the end of the Middle Ages.

20452(30)Session II 06/16-07/24 MTWRF 9:30-10:45 MK tba

POL 304(Sec #) International Politics Credit 3

Study of the nature of international society, patterns of conflict, and cooperation between and among states and other international actors. Foreign policies of major countries discussed.

20453(30)Session II 06/16-07/24 MTWRF 2:00- 3:15 MK 104

POL 317(Sec #) Feminist Political Theory Credit 3

Examines the roots of feminist thought and womanism from a nonwestern and western perspective. The course explores the dynamics of the feminist movement, particularly its implications for women of color.

20454(30) Session II 06/16-07/24 MTWRF 11-12:15 MK 113

POL 399(Sec #) Independent Study Credit 3

Emphasis on independent study. Field research encouraged.

20653(30) Session II 06/16-07/24 TBA

20672(32) Session III 06/29–07/24 TBA

POL 400(Sec #) Cooperative Program Credit 3-12

On-the-job observation of the operation of the political system.

Students must register for the S/U option. Prerequisite: Permission of the Chair.

20456(30) Session II 06/16-07/24 TBA

POL 407(Sec #) Introduction to Public Admin Credit 3
Study of nature and functions of bureaucracy with special reference to public administrative agencies. Special attention to role of administrative agencies in decision-making process and their relations to Congress, interest groups, political parties, and the general public.

20451(31) Session III 06/29-07/24 MTWRF TBA

PSY 203(Sec #) Introduction to Psychology Credit 3
Basic topics in psychology are explored, such as learning, motivation, intelligence, personality, perception, abnormality and others. Emphasis is given to scientific methodology and its application to behavior.

20144(31) Session I 06/02-06/26 MTWRF 10-11:50 MK 130

****PSYV 203(Sec #) Introduction to Psychology** Credit 3
Basic topics in psychology are explored, such as learning, motivation, intelligence, personality, perception, abnormality and others. Emphasis is given to scientific methodology and its application to behavior.

20490(31) Session II 06/16-07/24 MTWRF 9:00-10:50 TBA
Virginia Beach Campus Only

PSY 346(Sec #) Statistics I: Intro to Stat Methods Credit 3
Use of statistics in the social sciences. Descriptive and correlational statistics. Taken simultaneously in sequence with Methods of Psychology PSY 208. Prerequisite: MAT 109.

20285(30) Session I 06/02-06/26 MTWRF 10:00-11:50 MK 128

PSY 347(Sec #) Stat II: Adv Stat Methods Credit 3
Advanced treatment of statistical data with emphasis on experimental design, multiple and partial correlation, multivariate analysis, and nonparametric statistics. Prerequisite: PSY 346.

20325(30) Session I 06/02-06/26 MTWRF 1-2:50 MK 103

PSY 409(Sec #) Independent Study Credit 3
Independent work in an area of special interest. Periodic reports and conferences with a supervising faculty member. Extensive reading in Special opportunities for students majoring in psychology to do practical and applied work with community organizations and agencies under the supervision of professionals. Prerequisite: Permission of instructor.

20145(30) Session II 06/16-07/24 T R TBA

PSY 412(Sec #) Psychology Internship Credit 3-9
A full time, off campus experience in a psychological setting consistent with the student's academic objectives, under appropriate supervision for a period of at least 3 months, usually conducted in the summer at an institution or agency near the student's home. Prerequisite: Permission of instructor.

20146(30) Session II 06/16-07/24 TBA

PTM 201(Sec #) Intro Pro Tennis Mgmt Credit 3
An overview of the field of professional tennis management with an in-depth view and evaluation of career opportunities. A study of the relationship between marketing and professional tennis management and an evaluation of the marketing principles involved in the profession.

20151(30) Session II 06/16-07/24 MW 5:00-8:15 TBA

PTM 303(Sec #) Tennis Racquet Repair Credit 2
A review of tennis racquet repair techniques using different repair machines. A knowledge of stringing, tension, and the effects of these factors upon playing effectiveness.

20152(30) Session II 06/16-07/24 TBA

PTM 403(Sec #) Tournament Administration Credit 2
An introduction to tournament administration at all levels, including recreation, club, college and professional. A concentration upon its rules for running tournaments and their application problems that arise during the course of tournaments.

20153(30) Session II 06/16-07/24 TBA

RDG 101(Sec #) Analytical Reading Skills Credit 3
This course emphasizes analytical thinking and reading skills that are essential for interpreting college-level material. It is designed to strengthen the ability of students

20294(30) Pre College 06/23-07/24 MTWRF 8-9:45 PH 208

20295(31) Pre College 06/23-07/24 MTWRF 10-11:45 PH 208
20365(34) Pre College 06/23-07/24 MTWRF 1-2:45 PH 208
20385(33) Pre College 06/23-07/24 MTWRF 8-9:45 PH 210

REC 400(Sec #) Senior Recreation Internship Credit 12
A 400 hour internship experience will provide students with the opportunity to apply recreation and leisure. Knowledge and skills in a professional setting. Students will be required to complete several projects related to programming.

20154(30) Session II 06/16-07/24 TBA

REC 499(Sec #) Independent Study Credit 3
Readings and research in approved topics under the guidance of a faculty member of the department. Course may be repeated once for credit with a change in subject matter.

20155(30) Session II 06/16-07/24 TBA

SEA 401(Sec #) Space, Earth & Atmos Sci Resea Credit 3
Students will perform geoscience research with a mentor. The student will be responsible for writing a short proposal on an atmospheric research project, gathering the necessary data, writing a short research paper, and presenting the research to their peers and interested faculty and staff at a departmental colloquia. Corequisite: SEA 307, 350, 351, or CHE 509.

20291(30) Session II 06/16-07/24 TBA

SOC 205(Sec #) Introduction to Sociology Credit 3
Introduction to the scientific study of society and social behavior. Emphasis on culture, social structure, social inequality, social institutions and social change.

20140(31) Session II 06/16-07/24 MTWRF 9:30-10:45 MK 104

20139(32) Session II 06/17-07/24 MTWRF 3:00-4:15 MK 103

20287(33) Session II 06/17-07/24 MTWRF 1:15-3:00 MK 102

SOC 210(Sec #) Social Problems Credit 3
A critical study of the institutional and structural sources of contemporary social problems such as economic and political inequality, racism and sexism, war and international conflicts, environmental and institutional crises. Attention given to how social problems particularly affect Blacks and to alternative strategies for solving social problems.

20450(31) Session II 06/16-07/24 MTWRF 11-12:15 MK 104

SOC 215(Sec #) Introduction to Criminology Credit 3
An introduction to the sociological study of crime. Major sociological theories of crime. Main kinds of crime: street crime, white collar, organized, corporate and political crime. Critical examination of the police, courts, corrections and other social institutions which deal with crime. Attention given to impact of crime on Black Americans. Prerequisite: SOC 205.

20448(30) Session I 06/02-06/26 MTWRF 10-11:50 MK 129

SOC 250(Sec #) Introduction to Social Research Credit 3
Introduction to multi-method approaches to social science research. The logic of sociological inquiry and the ethical issues of research. Students begin to collect and analyze data, and to compile research reports.

20141(31) Session II 06/16-07/24 MTWRF 8-9:15 MK 103

SOC 346(Sec #) Statistics Credit 3
Descriptive and inferential statistics. Prerequisite: SOC 250, MAT 109/110 and junior standing and/or permission of instructor

20449(30) Session I 06/02-06/26 MTWRF 8-9:50 MK 102

SOC 420(Sec #) Independent Study Credit 3
Independent Study with an instructor concerning a special or focused topic. Prerequisite: Senior standing and permission of instructor.

20286(30) Session I 06/02-06/26 TBA

SOC 499(Sec #) Social Thought Special Topics Credit 3
Special topics in sociology. May be taken more than once as the topic of the course changes.

20386(31) Session I 06/02-06/26 MTWRF 1-2:50 MK 101

SPA 101(Sec #) Elementary Spanish Credit 3
A five-skills course to develop speaking, listening comprehension, reading, and writing skills and cultural awareness.

20128(30) Session I 06/02-06/26 MTWRF 8-9:50 AR 338
20279(32) Pre-College 06/23-/07/24 MTWRF 1-2:45 AR236

SPA 102(Sec #) Elementary Spanish Credit 3
A five-skills course to develop speaking, listening comprehension, reading, and writing skills and cultural awareness.
20129(30) Session III 06/29-07/24 MTWRF 8:00-9:50 AR 338

SPA 201(Sec #) Intermediate Spanish Credit 3
The continued development of listening, speaking, reading writing skills. Includes reading in the arts and sciences. Prerequisites: SPA 101- 102 or the equivalent.
20130(30) Session I 06/02-06/26 MTWRF 10-11:50 AR 338

SPA 202(Sec #) Intermediate Spanish II Credit 3
The continued development of listening, speaking, reading and writing skills. Includes reading in the arts and sciences. Prerequisites: SPA 101- 102 or the equivalent.
20131(32) Session III 06/29-07/24 MTWRF 10:00-11:50 AR 338

STA 600 (Sec #) Statistics Credit 3
An interdisciplinary course for graduate students. Procedures of data reduction, presentation, and measures of central tendency, variability, and relation are presented to develop both an understanding of an ability to utilize descriptive and inferential statistics. Permission of the instructor.
20114(30) Session II 06/16-07/24 M W 5:00-7:45 MK 102
20337(31) "Online" Session II 06/16-07/24 TBA

THE 400(Sec #) Cooperative Internship Credit 3-12
Coordinated, structured off-campus work experience related to course of study in Theatre Arts. Work programs designated to provide a variety of practical experiences for the student.
20288(30) Session II 06/16-07/24 TBA

THE 420(Sec #) Individual Projects I Credit 3
A course providing qualified students an opportunity to conduct research in a specific are of Theatre Arts. Areas studied vary with the needs and interests of the student and the faculty member supervising the project.
20289(30) Session I 06/02-06/26 TBA

THE 421(Sec #) Individual Projects II Credit 3
A course providing qualified students an opportunity to conduct research in a specific area of Theatre Arts. Areas studied vary with the needs and interests of the student and the faculty member supervising the project.
20290(30) Session II 06/16-07/24 TBA