3123 Naval Ships Systems II (3) US NVY  
Prerequisite: NAV 2121. Capabilities and limitations of fire control systems, and weapons types. Physical aspects of radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Explosives, fusing, and Naval ordnance.

3214C Navigation/Naval Operations II: Seamanship and Ship Operations (3) US NVY  
Prerequisite: NAV 2221C. International and inland rules of the road; relative motion-vector analysis; ship handling, employment and tactics, afloat communications; operations analysis. Laboratory required.

4224 Amphibious Warfare (3) US NVY  
History of amphibious warfare emphasizing doctrine and techniques as well as an understanding of the interrelations of political, strategic, operational, tactical, and technical levels of war from the past.

4232 Principles of Naval Management II (Leadership and Ethics) (3) US NVY  
Prerequisite: NAV 2231. Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer.

Nursing (NUR)  
Note: There are two BSN degree programs. The four-year program (basic) prepares students to become eligible for the RN licensing examination. The RN to BSN program provides the opportunity for licensed registered nurses to complete the baccalaureate in nursing degree.

201 Foundations of Nursing (4)  
For basic students only. Prerequisite: acceptance to the nursing program. This course introduces students to the foundations of professional nursing practice. Topics include historical, philosophical and theoretical perspectives in nursing. In addition, the concepts of caring, communication, critical thinking and cultural competence are introduced. Emphasis is placed upon self-care, the nursing process, nursing theory, and legal and ethical aspects of nursing.

210 Intro to Pathophysiology (3)  
For basic students only. Prerequisite or corequisite: NUR 201. This course provides students with a basic understanding of pathophysiology from a structural and functional organizational framework. It builds upon the student’s knowledge in the sciences, and explores how alterations in structure and function disrupt the body as a whole. Physiological changes across the lifespan are examined. Students utilize critical thinking to analyze selected diseases for symptomatology, pathophysiology and implications for health care intervention.

213 Professional Skills in Nursing and 213L (4)  
For basic students only. Corequisite: NUR 201. NUR 213 and 213L must be taken concurrently. Laboratory and clinical experiences provide students the opportunity to learn and apply the cognitive knowledge and technical skills necessary to provide effective patient care to diverse populations. Experiences include on-campus activities and supervised clinical learning opportunities in a variety of health care settings.

218 Health Assessment and 218L (4)  
For basic students only. NUR 218 and 218L must be taken concurrently. Prerequisite: BIO 183; corequisite: NUR 210. This course provides the basic nursing student with knowledge and skills to obtain and record a health history and physical examination. Assessing the level of health and wellness of clients throughout the lifespan also is included. The course provides both a didactic and laboratory experience.
301 Concepts of Professional Nursing (3) (W)
For RN to BSN students only. Prerequisite: admission to the nursing program. The nursing profession is analyzed with foci on professionalism, socialization, theories, roles and philosophies. (*fall semester).

312 Nursing Care of Adults (1.5)
For basic students only. Prerequisites: NUR 201, 210, 218. NUR 312 and 312L must be taken concurrently. This course explores the concepts and theories necessary to promote and restore health of adults with biological problems and related physiological and psychological responses.

312L Nursing Care of Adults Laboratory (1.5)
For basic students only. Corequisite: NUR 312. This course provides students the opportunity to apply concepts and processes required to help adults in the promotion and maintenance of health. Students examine adults from physical, social, psychological and developmental perspectives through a combination of laboratory and supervised clinical practice activities. Clinical experiences will occur under faculty supervision in a variety of patient care settings.

313 Nursing Care of Older Adults (1.5)
For basic students only. Prerequisites: NUR 312 and 312L. This course is the examination of the theories of aging and developmental tasks of families who are aging. The physical, psychological, social, cultural, economic, legal, ethical and spiritual needs of aging persons are addressed.

313L Nursing Care of Older Adults Laboratory (1.5)
For basic students only. Corequisite: NUR 313. This course provides students the opportunity to apply concepts and processes of aging through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of patient care settings.

314 Nursing Care of the Developing Family (1.5)
For basic students only. Corequisite: NUR 314L. This course examines the concepts associated with the diverse responses of families during the childbearing cycle, including normal and high-risk pregnancies, and normal and abnormal events occurring in women. Families experiencing normal developmental changes and developmental deviations are examined.

314L Nursing Care of the Developing Family Laboratory (1.5)
For basic students only. Corequisite: NUR 314. The course provides students the opportunity to apply the concepts associated with responses of families during the childbearing cycle through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of childbearing patient care settings.

315 Nursing Care of Children (1.5)
For basic students only. Corequisite: NUR 315L. This course presents the essential concepts, theories and developmental processes vital in understanding the health concerns and problems of children, adolescents and their families. Students examine family-centered nursing care in the health promotion and health maintenance of infants, children and adolescents.

315L Nursing Care of Children Laboratory (1.5)
For basic students only. Corequisite: NUR 315. This course provides students the opportunity to apply the essential concepts, theories and processes useful in meeting the health and developmental needs of children and their families. Learning experiences are provided that emphasize the role of the nurse and continuity of care in meeting the needs of children and families in acute care and community settings. Clinical experiences occur under faculty supervision in a variety of childbearing patient care settings.
318 Health Assessment (4) and 318 Lab (0)
For RN to BSN students only. Prerequisite or corequisite: NUR 301. Health Assessment provides the nurse with the necessary knowledge to obtain and record a history and physical examination, as well as to assess the level of health and wellness of the client throughout the lifespan. This course offers a didactic and laboratory experience (*fall and spring semesters).

322 Contemporary Issues in Health Care (3) (W)
For basic and RN to BSN students. The health care delivery system is examined from political, economic, legal and ethical perspectives with particular emphasis on the written analysis of legal and ethical dilemmas related to the practice of nursing. (*fall and spring semesters).

345 Pharmacology (3)
For basic students only. Prerequisites: NUR 201, 210 and 218. This course introduces students to the fundamentals of pharmacology and therapeutics in the treatment of illness, and the promotion, maintenance and restoration of health in patients across the lifespan. The major drug categories are reviewed with emphasis placed on the therapeutic use, action and adverse reaction, as well as benefits and risks to the drug therapy. This prepares the health professional for safe, therapeutic pharmacological interventions.

346 Expressive Art in Healing (3) (A)
Subtitle: Health Promotion through the Arts. This course examines creativity through a variety of expressive art forms to promote healing for clients and to heal the healer, an imperative for holistic nurses. Various art forms are explored, including visual arts, mask-making, visual and written journals, storytelling, movement and others. Students experience expressive arts through guided exercises and art practices.

347 Clinical Human Nutrition (2)
For basic students only. Prerequisites: NUR 201, 210 and 218. This course provides information on the fundamentals of nutrition and application. Nutritional needs across the lifespan and nutritional support in selected disorders are specifically discussed.

400 Cultural Diversity in Health Care (3) (NW — Not IG)
This course explores interrelationships between diversity, socio-cultural, economic and political contexts of health and illness. It increases the student’s awareness of the biological variation, time and space perception, spiritual dimensions and complexities involved in caring for people with diverse world views. There is focus on specific cultural groups including African Americans, Native Americans, Asian Americans, Hispanic Americans and selected additional ethnically diverse groups. (*once annually)

410 Mental Health Nursing Across the Lifespan (1.5)
For basic students only. Prerequisites: NUR 322, 312, 312L, 313, 313L, 314, 314L, 315, 315L, 345 and 347. This course examines the biological, environmental, cultural and interpersonal factors that predispose individuals to mental illness. Mental health is viewed as the continuous adaptation to the inevitable stressors of life, and deviations are a result of the inability of individuals to adapt to life’s stressors. Individuals are viewed holistically across the lifespan.

410L Mental Health Nursing Across the Lifespan Laboratory (1.5)
For basic students only. Corequisite: NUR 410. The course provides students the opportunity to apply the concepts of mental health nursing through a combination of laboratory and supervised clinical practice. Clinical experiences occur under faculty supervision in a variety of settings in which patients and families with acute and chronic mental health problems may be found.

411 Nursing Leadership and Management (3)
For RN to BSN students only. Prerequisite: NUR 301. Key concepts in leadership and management are explored. Emphasis is on organizing and delivering health care, assessing
financial resources, planning, managing human resources, improving quality and promoting positive change (*spring semester).

**412 Nursing Care of Clients in the Acute Care Setting (3)**
For basic students only. Prerequisites: NUR 315 and 315L. Prerequisites or corequisites: NUR 410, 410L and 412L. This course examines advanced concepts related to patients experiencing complex multi-system biological problems and related physiological and psychological responses.

**412L Nursing Care of Clients in the Acute Care Setting Laboratory (3)**
For basic students only. Corequisite: NUR 412. The course provides the opportunity for students to apply advanced concepts and processes required to help adults with complex multi-system problems. Students examine adults from physical, social, psychological and developmental perspectives through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of acute care settings.

**415 Leadership and Management (3)**
For basic students only. Prerequisites: Lower core requirements and NUR 315 and 315L. This course examines key concepts in leadership and management within the health care system. Emphasis is on organizing and delivering health care, assessing financial resources, planning, managing human resources, improving quality and promoting positive change.

**420 Principles of Community Health (3)**
For RN to BSN students. Prerequisite or corequisite: NUR 432. This course focuses on the community health system by examining it from historical, organizational and political perspectives. Emphasis is on analysis of epidemiological trends and the relevance of community assessment to community health nursing practice. The impact of local, state and federal legislation is explored related to the impact on community health. (*fall semester)

**421 Clinical Leadership II (3)**
Prerequisite: NUR 411. This course expands on leadership and management concepts for health care providers. Emphasis is placed on the evaluation of student projects and dissemination of knowledge learned.

**422 Principles of Community Health Nursing (3)**
For basic students only. Prerequisites: NUR 314, 314L, 315 and 315L. Corequisite: NUR 422L. This course focuses on the community health system by examining it from historical, organizational and political perspectives. Emphases are on analysis of epidemiological trends and the relevance of community assessment to community health nursing practice. The impact of local, state and federal legislation is explored related to the impact on community health.

**422L Community Health Laboratory (2)**
For basic students only. Corequisite: NUR 422. The course provides the opportunity to synthesize and apply the cognitive knowledge gained in NUR 422 through supervised clinical practice. Students provide culturally competent care to individuals, families and groups in a variety of community agencies. This course includes approximately 8 hours per week in a clinical practicum experience plus a class seminar.

**430 Holistic Care: Alternative Therapies for Self-Care and Professional Practice (3)**
(IG) (NW)
Open to non-nursing students. This course examines alternative health practices from a cross-cultural perspective. Healing interventions such as acupuncture, biofeedback, homeopathy, meditation, and traditional Chinese and herbal medicine are studied and demonstrated by practitioners. Emphases are on the historical underpinnings of holistic health practices and the political/economic ramifications on global health. This course also compares and contrasts non-traditional modalities of health care with industrial models. (*once each year)
432 Introduction to Nursing Research (3) (W)
Prerequisites for basic students: NUR 201 and 313. Prerequisites or corequisites for RN to BSN students: NUR 301, ITM 200, and statistics. Introduction to nursing research with emphasis on the research process and the critique of nursing research studies. (*fall and spring semesters)

438 Principles of Family Health (3)
For RN to BSN students only. Prerequisite or corequisite: NUR 432. This course focuses on the theoretical concepts of family development and functioning essential in understanding the contemporary family and the current trends related to families. The course emphasizes the role of the nurse in assessing and planning intervention strategies needed to provide comprehensive nursing care to families. (*fall semesters)

440 Community/Family Practicum (4)
For RN to BSN students only. Prerequisite: NUR 318. Corequisites or prerequisites: NUR 420 and 438. This course provides the student with the opportunity for in-depth experiences with individuals, families and groups in the health system. This clinical practicum enables the student to synthesize the knowledge acquired in NUR 420 and 438. (*fall and spring semesters, summer semester if sufficient enrollment)

446 Senior Practicum (4)
For RN to BSN students only. Prerequisite: NUR 432. Corequisites or prerequisites: NUR 411 and 440. This course provides the student the opportunity to synthesize nursing knowledge and to experience professional role implementation in a variety of health care settings. (*fall and spring semesters; summer semester if sufficient enrollment)

447 Legal Nurse Consulting I (3)
Prerequisites: RN licensure and NUR 322 (or equivalent). This course provides students the opportunity for in-depth exploration of legal foundations of nursing practice liability issues, nursing malpractice and the American legal system (with special emphasis on Florida law and personal injury claims). Case analyses, synthesis of fact and law, and introduction to written and oral communication skills that are essential in the role of legal nurse consultant are the foci, as well as the steps inherent in discovery. The evolving roles of legal nurse consultants are explored. (*fall and spring semesters)

448 Legal Nurse Consulting II (3)
Prerequisites: RN licensure and NUR 322 (or equivalent). This course provides students the opportunity to develop skill and knowledge related to the process of performing legal research (including record reviews) and medical and legal verbal and written communication. Emphases are on conducting and organizing literature searches, and reviews and facilitation of life-care and end-of-life planning, as well as preparation of documents for trial. The roles of expert witness and risk manager also are explored. (*fall and spring semesters)

449 Legal Nurse Consulting Practicum (2)
This course provides the legal nurse consultant student with a capstone clinical experience to apply the theoretical legal nurse consulting principles learned in the previous courses in the sequence.

450 Independent Study in Nursing (1-3)
An independent study that provides students with an opportunity to pursue a topic or project under the guidance of a nursing faculty member. By permission of instructor and department director. May include a practicum.

451-459 Selected Topics in Nursing (1-3)
For elective credit only. An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues affecting nursing and health care.
452 Clinical Preceptorship (5)
For basic students only. Prerequisites: Lower core courses and NUR 412, 412L, 410 and 410L. Corequisite: NUR 454. This course focuses on the integration, analysis, and synthesis of knowledge acquired throughout the nursing curriculum. The student utilizes knowledge from the physical, biological and behavioral sciences to provide safe, high quality, culturally competent nursing care. Critical thinking skills are further developed. The student incorporates principles of teaching and learning to promote, maintain and restore health.

454 Senior Seminar (2)
For basic students only. Prerequisite: NUR 415. Corequisite: NUR 452. This seminar course addresses professional role transition and assists the student in preparing for the NCLEX-RN licensure examination.

601 Current Perspectives in Health (2)
For graduate students only. Prerequisite: acceptance to the MSN program. This course focuses on professional, socio-cultural, economic and political forces exerting pressure on the health care system. Emphasis is on the leadership role advanced practice nurses can play related to shaping the direction and substance of changes. (*each academic term)

602 Scholarly and Professional Communication in Nursing (3)
This course focuses on communication skills and strategies for nursing professionals. Students will develop the ability to construct logical and appropriately referenced papers and presentations in nursing. Students will practice writing position papers, policy issue briefs, nursing theory applications and nursing research proposals, and conducting nursing education presentations.

605 Theory Development in Nursing (3)
For graduate students only. Corequisite or prerequisite: NUR 601. Emphasizes theory development in nursing science in terms of historical perspective, concept formulation and available models. Selected theories are analyzed. (*summer and fall semesters)

615 Nursing Research (3)(W)
For graduate students only. Corequisites or prerequisites: NUR 601, 605 and statistics. Focuses on research process and the use of evidence-based practice. Provides opportunity for development of a research proposal or evidence-based practice project. (*spring and summer)

618 Advanced Health Assessment and 618 Lab (4)
For graduate students only. Corequisites or prerequisites: NUR 601 and 605. This course builds on the competencies acquired in a baccalaureate nursing assessment course, and expands expertise in completing comprehensive assessment and developing diagnostic reasoning skills. The course includes a laboratory experience. (*fall and spring semesters)

635 Professional Issues and the Nurse Practitioner (3)
For graduate students only. Corequisites or prerequisites: NUR 601 and 605. This course focuses on current practice issues related to the emerging role of the nurse practitioner in health care delivery. Emphases are on critical review and analysis of role theory, role implementation strategies, and role performance as a clinician, educator, case manager, leader, consultant and colleague. (*12-week summer session only)

645 Clinical Pharmacology (3)
For graduate students only. Corequisites or prerequisites: NUR 601 and 605. This course is a case study approach to the clinical application of the major classifications of drugs. A lifespan approach is utilized to address client needs of drug therapy in primary, secondary and tertiary care settings. Statutory authority for prescription writing protocols is examined. (*fall and spring semesters)
646 The Family: Theory, Research and Practice (2)
For graduate students only. Corequisites or prerequisites: NUR 601 and 605. This course examines frameworks for family nurse practice, incorporating issues in practice, theory development and research. Additional foci are on theoretical bases for comprehensive family assessment and intervention. (*12-week summer session only)

650 Teaching Methods and Strategies in Nursing Education (3)
For graduate students only. Corequisite or prerequisites for MSN: NUR 601, 605 and 615. Examines major concepts related to teaching and learning in nursing education and practice. Analyzes teaching methods for the appropriateness of their use in adult education based on learning theories and adult development. (*12-week summer session)

652 Curriculum Design and Evaluation in Nursing Education (3)
For graduate students only. Corequisites or prerequisites for MSN: NUR 601, 605 and 615. Introduces students to the process of curriculum and program development and evaluation. Applies learning theory and accreditation in the integration of philosophy, conceptual framework, program objectives, course objectives and content selection for curriculum development process. (* spring semester)

654 Measurement and Evaluation in Nursing Education (3)
For graduate students only. Corequisites or prerequisites for MSN: NUR 601, 605 and 615. Develops techniques for measurement and evaluation of student performance in the classroom, clinical practice and other settings. Emphases are on application of basic statistical procedures, use and interpretation of standardized tests, various grading and reporting systems, portfolio assessment, authentic grading, and other non-traditional assessment procedures. (* fall semester)

655 Advanced Pathophysiology (3)
For graduate students only. Corequisites or prerequisites: NUR 601 and 605. This course addresses the concepts that contribute to alterations in health status of clients throughout the life cycle. Concepts of focus include the cellular environment, altered tissue biology, and principles of genetics as they apply to health status, immunity and cellular proliferation. (*fall and spring semesters)

656 Nursing Education Practicum (4)
For graduate students only. Prerequisite for MSN students: successful completion of the oral comprehensive examination. Examines the application of educational theories and strategies in classroom and clinical settings. Provides opportunities to practice role behaviors as a nurse educator under the guidance of a qualified preceptor in a post-secondary academic setting. Includes 224 hours on site in a selected institution. (*each academic term)

658 Community Nursing Education Practicum (4)
For graduate students only. Prerequisite for MSN students: successful completion of the oral comprehensive examination. Examines the application of educational theories and strategies in classroom and clinical settings. Provides opportunities to practice role behaviors as a nurse educator in staff development, continuing education and community education under the guidance of a qualified preceptor. Includes 224 hours on site in a selected institution. (*each academic term)

660 Health Policy Development (3)
Focuses on the analysis, application and synthesis of selected health policy concepts, models and theories. Leadership qualities needed to influence the political system at all stages in the policy process will be incorporated. Emphasis is on issues of importance to the continued development and empowerment of the nursing profession. Provides students with an opportunity to examine the relationship of political advocacy to all phases of the policy process.
675 Practicum in Adult Primary Care I (4)
Corequisites or prerequisites: NUR 677 and successful completion of oral comprehensive examination. Each practicum experience provides the student the opportunity to apply knowledge and skills learned in the classroom while caring for adult clients. Each practicum includes a minimum of 224 hours of supervised clinical practice in the role of nurse practitioner in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

676 Practicum in Adult Primary Care II (4)
Corequisite or prerequisite: NUR 677. Prerequisite: successful completion of oral comprehensive examination. Each practicum experience provides the student the opportunity to apply knowledge and skills learned in the classroom while caring for adult clients. Each practicum includes a minimum of 224 hours of supervised clinical practice in the role of family nurse practitioner in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

677 Clinical Management of the Adult Client (3)
Prerequisites: NUR 618, 645 and 655. Corequisites or prerequisites: NUR 635 and 646. This course emphasizes primary care management of common acute and chronic health problems of adult clients. (*each summer session)

685 Practicum in Infants, Children and Adolescent Primary Care (4)
Corequisite or prerequisite: NUR 687. Prerequisite: successful completion of oral comprehensive examination. This practicum experience provides the opportunity to apply knowledge and skills learned in the classroom in caring for infants, children and adolescent clients. The course includes 224 hours of supervised clinical practice in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

686 Practicum in Women and Older Adult Primary Care (4)
Corequisite or prerequisite: NUR 697. Prerequisite: successful completion of oral comprehensive examination. This practicum course provides the opportunity to apply knowledge and skills learned in the classroom in caring for women and older adult clients. This practicum includes a minimum of 224 hours of supervised clinical practice in a variety of settings. Students may enroll in no more than two practicum courses in a single academic term. (*each academic term)

687 Clinical Management of Infants, Children and Adolescents (3)
Prerequisites: NUR 618, 645 and 655. Corequisites or prerequisites: NUR 635 and 646. This course emphasizes primary care management of common acute and chronic health problems of infants, children and adolescents. (*spring semester only)

695 Selected Topics in Nursing (1-3)
An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues of global relevance affecting nursing and health care. By permission of instructor and department director.

697 Clinical Management of Women and Older Adults (3)
Prerequisites: NUR 618, 645 and 655. Corequisites or prerequisites: NUR 635 and 646. This course emphasizes primary-care management of common acute and chronic health problems of women and older adults. (*fall semester only)