

# Course Offerings\*

## Doctor of Physical Therapy Bridge Program

### 2008 – 2009

## Summer 2008

ONLINE COURSES		CREDITS
<b>required</b>		
PT 740-OL	Principles of Practice Management	3
SHS 414-OL	Acquiring & Analyzing Research Data	3
SHS 525-OL	Online Student Orientation	0
SHS 570-OL	Health Promotion	2
<b>electives</b>		
SHS 521-OL	Domestic Violence: Focus on Elder Abuse	1
SHS 524-OL	Health Law	2
SHS 535-OL	Cultural Competence in Healthcare	3
SHS 581-OL	Negotiation: On and Off-line	3
GENC 405-OL	Medical Genetics	4

ONSITE COURSES		CREDITS
<b>electives</b>		
HCA 505-01	Managing People in Health Care	2
HCA 508-01	Quality in Health Care	2
HCA 521-01	Human Resource Management	3
HCA 522-01	Health Information Management	2
HCA 530-01	Advanced Financial & Strategic Frameworks	4
HCA 545-01	Health Policy	2
SHS 425-H	Caring for the Caregiver	1

\*Please note offerings may change due to instructor availability

## Fall 2008

ONLINE COURSES		CREDITS
<b>required</b>		
PT 740-OL	Principles of Practice Management	3
PT 760-OL	Research Seminar (prereq: SHS 414)	3
SHS 414-OL	Acquiring & Analyzing Research Data	3
SHS 525-OL	Online Student Orientation	0
SHS 570-OL	Health Promotion	2
<b>electives</b>		
HCA 533-OL	Health Care Marketing	3
NUTR 455-OL	Nutrition, Fitness, Wellness	3
SHS 427-OL	Advanced Counseling & Interpersonal Skills	3
SHS 521-OL	Domestic Violence: A Focus on Elder Abuse	1
SHS 534-OL	Ethics for Healthcare Professionals	3
SHS 535-OL	Cultural Competence in Healthcare	3
SHS 581-OL	Negotiation: On and Offline	3

GENC 401-OL	Fundamentals of Human Genetics	4
GENC 407-OL	Ethical, Legal, Social Issues in Clinical Genetics	4
HPED 501-OL	Issues in Health Professions Education	2
HPED 503-OL	Principles of Assessment	2
HPED 505-OL	Curriculum Development and Evaluation	2

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ONSITE COURSES		CREDITS
<b>required</b>		
PT 760-01	Research Seminar	3
<b>electives</b>		
HCA 501-01	Principles & Foundations of Health Care Administration	4
HCA 504-01	Market Principles of Health Care Administration	2
HCA 509-01	Health Care Accounting/Finance	4
HCA 520-01	Designing & Managing Health Care Operations	3
HCA 523-01	Competitive Positioning	4
SHS 425-H	Caring for the Caregiver	1

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## Spring 2009

ONLINE COURSES		CREDITS
<b>required</b>		
PT 740-OL	Principles of Practice Management	3
PT 760-OL	Research Seminar (Prereq: SHS 414)	3
SHS 414-OL	Acquiring & Analyzing Research Data	3
SHS 525-OL	Online Student Orientation	0
SHS 570-OL	Health Promotion	2
<b>electives</b>		
SHS 415-OL	Sports Psychology	3
SHS 427-OL	Advanced Counseling & Interpersonal Skills	3
SHS 521-OL	Domestic Violence: Focus on Elder Abuse	1
SHS 524-OL	Health Law	2
SHS 533-OL	Health Care Marketing	3
SHS 534-OL	Ethics for Healthcare Professionals	3
SHS 535-OL	Cultural Competence in Healthcare	3
SHS 581-OL	Negotiation: On and Offline	3
GENC 403-OL	Overview of Genetic Counseling	4
HPED 506-OL	Organization, Leadership and Change	2
HPED 507-OL	Teaching Methodologies and Classroom Design	2
HPED 508-OL	Theories & Practice of Adult Education	2

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ONSITE COURSES		CREDITS
<b>required</b>		
SHS 570-01	Health Promotion	2
<b>electives</b>		
HCA 503-01	Epidemiology & Health Information	2
HCA 521-01	Human Resource Management in Health Care	3

HCA 524-01	Health Law	2
NUTR 112-02	Introduction to Nutrition	4
SHS 425-H	Caring for the Caregiver	1
SHS 427-01	Advanced Counseling Skills	3
SHS 459-01	Caring at the End of Life	3
SHS 531-01	Developing an Interdisciplinary Approach to Health Management For Older Adults	3
SHS 581-01	Negotiation	1
SHS 592-01	Care Older Adult: Functional	1
SHS 593-01	Care Older Adult: Psychosocial	1
SHS 594-01	Care Older Adult: Pathologic	1

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## REQUIRED COURSES

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### **PT 740: Principles of Practice Management**

3 CREDITS - OFFERED ONLINE ONLY

This course is designed to provide the physical therapy student with the interpersonal and management skills needed to be an effective manager of physical therapy practice. Emphasis is on elements of effective teamwork, with students being prepared to be leaders as well as members of teams. Students are introduced to the basic principles of management: elements of budgeting and management of financial resources; reimbursement methods and their implications for health care organizations; and the law governing interactions between organization and individual providers and providers and patients. Students are also introduced to basic concepts in marketing. Students are exposed to business plan development and to risk management strategies. Because effective oral and written communication skills are essential for both clinicians and managers, these are stressed.

### **PT 760: Research Seminar**

3 CREDITS - OFFERED BOTH ONLINE AND ONSITE

Students develop a research question and write a proposal for a research project designed to answer the question. Students may work in groups on a project proposed by the faculty member or on an individual project based on their clinical practice. The final decision as to which model a student uses may be negotiated with the faculty member. \*Unless waived, you **must** take SHS 414 prior to taking this course.

### **SHS 414: Acquiring & Analyzing Research Data**

3 CREDITS - OFFERED ONLINE ONLY

In this course students will learn, by experience, the entire quantitative research process, from designing an initial instrument to reporting on the results of data analysis of the responses to the instrument. Students learn to design a survey instrument to meet a specific goal, enter the resulting responses into a statistical software package, "clean" the data, obtain appropriate descriptive and inferential data analyses, and prepare a report describing the major finding. The course will involve a combination of individual assignments and group project work. Students taking this course will be required to obtain a copy of the statistical software package Minitab 14. This software is available only for the Windows operating system and so students must have access to a PC.

### **SHS 525: Online Student Orientation**

0 CREDITS - OFFERED ONLINE ONLY

This non-credit course presents an overview of the process of learning in an online environment. It will introduce you to the software used in the Online DPT Bridge Program, including Simmons eLearning, Simmons Webmail, and AskNow. Assignments are designed to provide you with experience in the different elements involved in online learning and assess your own ability to learn in the online environment. You will be provided with ample practice exercises in a pressure-free environment, where you can participate in the activities of most value to you. You will also be exposed to tips and tricks for being a successful online student. This course is designed to prepare you to be successful in obtaining your degree online **and** enjoy the process!

### **SHS 570: Health Promotion**

2 CREDITS - OFFERED BOTH ONLINE AND ONSITE

This interdisciplinary course explores health issues from a societal perspective. An epidemiological model is used to identify health issues from local, community, national, and global perspectives. Healthy People 2000 is used to analyze data on current health issues. Leininger's transcultural model and Pender's model of health promotion focus the discussions. Health promotion of diverse populations is emphasized. Students conduct a needs assessment of a particular population group which allows for the integration of health promotion issues as they are affected by social, political, economic, ethical, and cultural policies.

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ELECTIVE COURSES

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**HCA 501: Principles & Foundations of Health Care Administration**

4 CREDITS - OFFERED ONSITE ONLY

Of prime importance to the mission of the Health Care Administration Program is excelling in the education of working women and men to be leaders prepared to address a broad set of health care issues with appropriate skills & knowledge. This course introduces students to the field of health care administration, the health care system, and basic concepts and skills in management. The initial focus of the course is the ethical basis of healthcare, which is then applied to the ethics of health care professionals, managerial ethics, and distributive justice within the health care system. The purpose of this introductory course is to begin to lay the foundation for the HCA graduate curriculum and, ultimately, for the achievement of the HCA Program mission. Course material addresses such topics as basic ethical frameworks; determinants of health and illness; the field of health care administration; fundamentals of managing; and essential quantitative analysis.

**HCA 503: Epidemiology & Health Information**

2 CREDITS - OFFERED ONSITE ONLY

This course focuses on the acquisition and analysis of data about the health status of individuals and populations. It includes basic concepts in epidemiology such as population-based measures of health status, descriptive epidemiology, managerial epidemiology, and issues of privacy and confidentiality in the use of health information. Sources of data are investigated and assessed. Students are exposed to community health needs assessments.

**HCA 504: Market Principles of Health Care Administration**

2 CREDITS - OFFERED ONSITE ONLY

The United States relies on competition and market forces to determine the results of most of our economic activities. Important decisions about health care financing, the provision of medical services, and priorities in health care depend upon beliefs about how well the market can work in health care. This course examines the use, and potential abuse, of market forces in health care. Among the topics that are considered are: market failures in health insurance; the market power of health professionals; horizontal and vertical integration of providers; tax policy and medical savings accounts; myths and realities regarding the behavior of for-profit and not-for-profit organizations; and the theory and practice of managed competition.

**HCA 505: Managing People in Healthcare**

2 CREDITS - OFFERED ONSITE ONLY

This course is designed to provide students with an understanding of the requirements of effective healthcare leadership and with foundation skills for leadership excellence. In addition, because of the need for interdisciplinary teamwork in the healthcare workplace, a primary emphasis of this course is to prepare students to lead interdisciplinary teams successfully as well as to be effective members of such teams. Course content in this section of the program curriculum addresses leadership from intra- and interpersonal as well as healthcare team perspectives. Topics include motivation, leadership style, diversity, communication, conflict sources, conflict resolution and behavioral fundamentals of project management.

**HCA 508: Quality in Health Care**

2 CREDITS - OFFERED ONSITE ONLY

This course begins with an examination of the concept of quality. The literature on quality is investigated and critiqued. Various approaches to continuous quality improvement are assessed for their relevance to health care organizations. Students examine methods for measuring, benchmarking, and assessing organizational performance along dimensions such as financial results, clinical services, utilization, productivity and the health of the community.

### **HCA 509: Health Care Accounting/Finance**

4 CREDITS - OFFERED ONSITE ONLY

This course addresses financial management concepts and practices in health services organizations by blending together the topics of accounting and finance that have particular relevance to the health care manager. The course will cover applications common to all corporate finance, but will emphasize aspects and methods most encountered in health services. The central tasks of this course are to provide students with fundamental financial management concepts and analytical techniques and to teach students to apply those concepts and techniques to health service situations. Topics covered in this course are basic accounting, financial statements and ratios, evaluation of project investment decisions, break-even analysis, budgeting, cost allocation and reimbursement methodologies.

### **HCA 520: Designing & Managing Health Care Operations**

3 CREDITS - OFFERED ONSITE ONLY

Students are introduced to organizational technology and structure (i.e. organization theory) as well as operations. Various models for organizing work, such as the matrix structure, are examined and assessed. The focus in the first part of the course is on underlying principles of effective organizational design, including line versus staff and departmental structures. Students are expected to be able to map people and jobs effectively, to organize work efficiently, and to lead projects successfully. Students are also introduced to the tools of Continuous Quality Improvement (CQI) and to selected quantitative techniques used in the efficient management of health care delivery such as forecasting, queuing, inventory analysis, and linear programming.

### **HCA 521: Human Resource Management**

3 CREDITS - OFFERED ONSITE ONLY

This course is concerned with the management of human resources in health care organizations. It begins with consideration of the human resource function as carried out by managers of units. Major areas covered include: recruitment, interviewing and selection; retention (including compensation and benefits); diversity; performance management; and career development. The latter part of the course is devoted to the laws and regulations that frame human resource management including employment law and OSHA; fair employment practices; wrongful termination and privacy; National Labor Relations Act (and unions); and strikes and boycotts.

### **HCA 522: Health Information Management**

2 CREDITS - OFFERED ONSITE ONLY

This course will examine issues in the management of health information and will include an overview of regulatory and legal requirements for acquiring and managing health information; related technology; patient rights and the release of health information under state, federal law and the Health Insurance Portability and Accountability Act. It will also include the uses of health information in compliance, oversight, peer review, and management support decisions. Students will be required to conduct research and report on health information management issues relevant to day to day health care options.

### **HCA 523: Competitive Positioning**

2 CREDITS - OFFERED BOTH ONLINE AND ONSITE

This course provides essential frameworks and tools to help students make substantial contributions to the competitive, strategic success of their healthcare organizations. Basic concepts from industrial organization economics and service form the core of the instructional content. Case analyses and short projects provide opportunities for students to apply the concepts to their own work context.

### **HCA 524: Health Law**

2 CREDITS - OFFERED ONSITE ONLY

Health care is delivered within the context of a legal framework that reflects the values and expectations of the larger society regarding relationships between providers, patients and organizations involved in the delivery of health services. Health care administrators and practitioners must be familiar with the general sources of law (i.e., statutes, regulations, cases) and the general legal principles that govern and affect their areas of responsibilities (i.e., drug dispensing, Medicare reimbursement), as well as that law which applies to society in general and from which specific health

care legal issues frequently arise (i.e., tort law, contract law). Familiarity with the public policy underlying the law is also essential to an understanding of the law's operation.

### **HCA 530: Advanced Financial & Strategic Frameworks**

4 CREDITS - OFFERED ONSITE ONLY

This course focuses on the knowledge and skills required to conduct advanced strategic and financial analyses of an organization's external environment, thus enabling students to define and lead radical change in health care services. Mergers and acquisitions are investigated. Capital budgeting and sources of capital are included as are debt and investment. Current issues in fraud and abuse in the health care environment are included. Students are introduced to a framework for conducting advanced strategic analyses and making innovative organizational recommendations on the basis of these. Students assess the turbulent environment in which health care organizations operate, identify high-uncertainty, high-impact trends and events of importance to these organizations. Students construct scenarios of possible futures, assessing different outcomes of trends and events and identifying possible management responses.

### **HCA 545: Health Policy**

2 CREDITS - OFFERED ONSITE ONLY

The purpose of this course is to introduce students to health policy in relation to the American democratic experience. The course will focus on health policy as a result of political and bureaucratic processes.

### **NURS 422: Clinical Pharmacology**

3 CREDITS - OFFERED ONSITE ONLY

Content focuses on current concepts in the pharmacologic therapies of common health care problems seen in primary health care. Basic pathophysiology, clinical pharmacology, modes of therapy, and monitoring parameters are explored. Diagnosis and management of health care problems and their treatment regimens are discussed. Case studies are utilized to clarify, reinforce, and correlate therapeutics with specific health care problems.

### **NUTR 112: Introduction to Nutrition**

4 CREDITS - OFFERED ONSITE ONLY

This course explores the fundamental principles of nutrition, including: the functions of macro and micro-nutrients in the body; digestion, absorption and utilization of nutrients; assessment of nutritional status; nutritional needs of humans throughout the lifecycle; nutrition and disease prevention.

### **NUTR 455: Nutrition, Fitness & Wellness**

3 CREDITS - OFFERED ONLINE ONLY

This course develops the students' understanding of how food fuels the body and affects athletic performance. The student gains an understanding of how nutrition affects optimal fitness and sports performance. Students design a nutrition/fitness program as a course requirement. Prerequisite: graduate nutrition standing or consent.

### **NUTR 461: Exercise Assessment & Prescription**

3 CREDITS - OFFERED ONLINE ONLY

This course builds on the understanding of energy intake, transformation, and liberation. Students learn to evaluate, create, and implement exercise programs for a variety of populations. This course uses a critical reasoning approach to clinical situations. Students apply an understanding of how nutrition and exercise interact to influence work capacity in children and adults.

### **SHS 415: Sports Psychology**

3 CREDITS - OFFERED ONLINE ONLY

This course addresses counseling for athletes and teams including performance enhancement, motivation, stress management, and career transitions. Students build on their skills as behavior change educators. They develop an additional understanding of appropriate educational and behavioral change theory and strategies as related to sports psychology.

### **SHS 425: Caring for the Caregiver**

1 CREDIT - OFFERED ONSITE ONLY

The focus of this weekend course is to explore and experience self-care strategies that can be utilized to decrease stress, improve personal health and strengthen professional skills. We become better caregivers when we devote the time and energy to take better care of ourselves. This course is designed to provide information and practical experience for health care professionals as they begin to develop the knowledge and skills and application of a holistic biopsychosocial-spiritual model of care. These interventions support behavior change and self-management skills for health promotion, and create a foundation for a holistic, health-care practice.

### **SHS 427: Advanced Counseling & Interpersonal Skills**

3 CREDITS - OFFERED ONLINE ONLY

High quality health care involves comprehensive and coordinated care, which depends largely on individual health care providers interpersonal and communication skills. This course will focus on how to adequately assess and appropriately respond to the psychosocial needs of patients encountered in clinical practice. Participants will have an opportunity to refine their interpersonal skills and increase their awareness of common mental health issues and how they may be manifested in a clinical setting (crises, heightened anxiety, somatic problems, grief, depression, self destructive behaviors, trauma). Participants will broaden their professional repertoire of skills and enhance their abilities as providers and as members of a health care team.

### **SHS 459: Caring at the End of Life**

3 CREDITS - OFFERED ONSITE ONLY

This course addresses issues faced by patients, families and health care providers at the end-of-life. Expert caring has the potential to greatly reduce the burden and distress of those facing life's end and the ability to offer support for the many physical, psychological, social, and spiritual needs of patients and their families. The course is being taught by two nursing faculty trained by the End of Life Nursing Education Consortium: ELNEC. The development of the ELNEC curriculum was made possible through the generosity of the American Association of Colleges of Nursing and the Robert Wood Johnson Foundation. The curriculum is being adapted to meet the educational needs of interdisciplinary students. The curriculum includes: care at the end of life; pain management; symptom management; ethical/legal issues; cultural considerations in end of life care; communication; grief, loss and bereavement; achieving quality care at the end of life; and preparation and care for the time of death.

### **SHS 521: Domestic Violence: Focus on Elder Abuse**

1 CREDIT - OFFERED ONLINE ONLY

This is a one-credit course exploring the issue of Elder Abuse. The primary objective for this course is to sensitize the student to the signs of elder abuse. By the conclusion of the course, the student will be prepared to deal with elder abuse cases in her/his practice by be able to spot risk factors, make appropriate reports of abuse, and locate community resources to deal with elder abuse. We will look at the different types of abuse, legal issues, family resistance, and other topics.

### **SHS 524: Health Law**

2 CREDITS - OFFERED ONLINE ONLY

Health care is delivered within the context of a legal framework that reflects the values and expectations of the larger society regarding relationships between providers, patients and organizations involved in the delivery of health services. Health care administrators and practitioners must be familiar with the general sources of law (i.e., statutes, regulations, cases) and the general legal principles that govern and affect their areas of responsibilities (i.e., drug dispensing, Medicare

reimbursement), as well as that law which applies to society in general and from which specific health care legal issues frequently arise (i.e., tort law, contract law). Familiarity with the public policy underlying the law is also essential to an understanding of the law's operation.

### **SHS 531: Developing an Interdisciplinary Approach to Health Management for Older Adults**

3 CREDITS - OFFERED ONSITE ONLY

Health management for older adults is a major issue in contemporary society. Policy, economics, organizational structure, and clinical care are intermingled in responding on societal, institutional, and clinical levels. This course will challenge the inquisitive and creative student to approach the health of the older adult by addressing these complex issues. It will focus on effective outcomes and understanding the range of roles professionals may adopt. It will provide the knowledge base and skill set necessary for interdisciplinary professional practice

### **SHS 533: Health Care Marketing**

3 CREDITS - OFFERED ONLINE ONLY

The online Health Care Marketing course provides a general introduction to Marketing. It covers the fundamentals of marketing from the traditional "four P's": Product development, Place (channel of distribution), Pricing, and Promotion to current topics such as the Internet. The course provides essential framework and tools so students will be able to make substantial contributions to the marketing success of their physical therapy organizations. Weekly assignments and a term project provide opportunities to apply the concepts to students' own work context.

### **SHS 534: Ethics for Healthcare Professionals**

3 CREDITS - OFFERED ONLINE ONLY

This course will address basic concepts in ethics for health care professionals. The course will begin by examining two questions: What is ethics? Why should health care professionals care about ethics? The course will examine major theories of ethical decision-making, in both treatment and research contexts, and will provide an overview for how ethical dilemmas are resolved in actual health care and research settings. The course will then address the relationship between ethics and law by exploring critical legal decisions that set ethical standards for health care professionals. The course will depend heavily on case examples to illustrate important concepts. Students will be encouraged to engage one another in discussion and debate and will be asked to identify ethical concerns of central importance in their clinical placements. By the end of the course, students should be able to explain why a dilemma is considered an "ethical" dilemma, and how one would begin to seek a resolution.

### **SHS 535: Cultural Competence in Healthcare**

3 CREDITS - OFFERED ONLINE ONLY

This course will introduce students to a basic understanding of cultural competence. This discussion will address a very important and timely topic – multicultural and spiritual preferences in the healthcare setting, and how providers can best meet those needs and address controversial issues such as racism, abuse, and empowerment/disempowerment of roles.

### **SHS 581: Negotiation: On and Offline**

3 CREDITS - OFFERED ONLINE ONLY

This course is designed to convey the basic theories and skills of negotiation in both face to face and virtual settings. While there are many similarities between these two realms, there are also important differences. The course will begin with the most important basic theories and skills associated with traditional face to face negotiations. After a sound review, the course will shift to an analysis of virtual negotiations in all its different forms, including the use of email, chat rooms, synchronous and asynchronous vehicles, and the Internet.

### **SHS 592: Care Older Adult: Functional**

1 CREDIT - OFFERED ONSITE ONLY

This course focuses on the relationship between health and maintenance of function in old age. Functional Status assessment of the older adult in community settings, including long-term care and home care, is emphasized. Topics include primary care assessment and intervention in common functional problems such as sleep, nutrition, exercise and ambulation.

### **SHS 593: Care Older Adult: Psychosocial**

1 CREDIT - OFFERED ONSITE ONLY

This course focuses on psychosocial development in old age, and on the socioeconomic context in which aging occurs. Topics include theories of lifespan development, successful aging and resilience, as well as common mental health problems experienced by elders. Socio-contextual topics such as retirement, insurance and housing are also explored.

### **SHS 594: Care Older Adult: Pathologic**

1 CREDIT - OFFERED ONSITE ONLY

This course considers pathological conditions that are prevalent in the aged population. Content includes primary care evaluation and treatment of incontinence, dementias, Parkinson's, arthritis, dermatologic conditions, and other disease states which demonstrate increased incidence in elders.

### **GENC 401: Fundamentals of Human Genetics**

4 CREDITS - OFFERED ONLINE ONLY

This course provides the knowledge of genetics fundamental to clinical practice. Students taking this course will understand the structure and function of chromosomes and genes, the patterns of inheritance, the causes and consequences of mutation, genetic variation, and polymorphism, and the relationship between genotype and phenotype, among other concepts fundamental to the study of genetics and genetic issues in medicine. The course is taught entirely in an online format, with lectures, activities, and discussion designed to provide individualized feedback as well as group learning activities. At the completion of this course students will have a broad understanding of human genetics enabling them to participate in the Medical Genetics Course.

### **GENC 403: Overview of Genetic Counseling**

4 CREDITS - OFFERED ONLINE ONLY

The course introduces students to the concepts, principles and practices of genetic counseling through on-line lectures, assignments, case presentations, and discussions. The course covers topics including family dynamics, pedigree taking and analysis, genetic risk assessment, interviewing skills, brief counseling theory, and resource identification. By the end of the course students will be able to: interview clients more effectively; document and interpret genetic pedigrees; perform genetic risk assessment; appreciate counseling frameworks used in genetic counseling; make appropriate referrals to genetic services for clients and their families; and identify appropriate genetic resources for clients.

### **GENC 405: Medical Genetics**

4 CREDITS - OFFERED ONLINE ONLY

This course provides an overview of medical genetics spanning the prenatal, pediatric and adult disciplines. Topics will include the principles of population screening, clinical evaluation of patients, identification and management of specific genetic disorders, and use and interpretation of genetic testing. Specific attention will be given to the areas of chromosomal abnormalities, hemoglobinopathies, cancer genetics, neurological, and psychiatric genetics. Assignments and case-based discussions will be used to provide interactive learning and to apply material in more practical settings. At the completion of this course, students will have a broad foundation of knowledge in medical genetics. Students will be able to recognize patients at an increased risk of having or developing a genetic disorder, being a possible carrier of a genetic disorder, and be able to discuss these risks with their patients.

### **GENC 407: Ethical, Legal and Social Issues in Clinical Genetics**

4 CREDITS - OFFERED ONLINE ONLY

Knowledge and information in the field of Genetics is developing rapidly. We hear about the genome project and its implications for society at large on a daily basis. Along with this knowledge explosion come many difficult questions and challenges as clinicians work to integrate this new knowledge into their clinical practices with clients and families. This course will focus on examining the ethical and legal dilemmas inherent in this rapidly growing field with the emphasis on examining these issues from the perspective of current theory in the field of ethics and law. At the completion of this course, students will be able to understand and integrate the complexities of clinical genetics into their work with patients.

**HPED 501: Issues in Health Professions Education**

2 CREDITS - OFFERED ONLINE ONLY

The course explores and defines current issues in the educational process of health professionals. Issues of credentialing, accreditation, entry into practice, degree requirements, and faculty needs and responsibilities are highlighted. Focus is on theory development, evidence based practice and clinical expertise as they relate to the educational requirements of the health professional. The process of intra-professional decision making is explored. This course integrates the concepts of professional education and faculty roles and responsibilities. Discussions will focus on the role of faculty in curriculum design, policy setting, the evolution of theory and the integration of research, theory and practice in the academic and clinical arena.

**HPED 503: Principles of Assessment**

2 CREDITS - OFFERED ONLINE ONLY

The course introduces the student to formal and informal methods of assessing individual learner academic strengths and weaknesses. Students explore teaching methodologies and have the opportunity to plan and evaluate different teaching strategies. Test development and evaluation are discussed. The development of the clinical practicum as a unique learning environment is explored.

**HPED 505: Curriculum Development & Evaluation**

2 CREDITS - OFFERED ONLINE ONLY

Curriculum development will be studied extensively, the utilization of theoretical frameworks, development of behavioral objectives, and evaluation methodologies are analyzed. Curriculum issues related to the practice environment are identified. The course provides students with the opportunity to acquire skill in the development, selection, implementation and evaluation of evaluation instruments that measure learning outcomes.

**HPED 506: Organization, Leadership, and Change**

2 CREDITS - OFFERED ONLINE ONLY

This course examines principles of effective leadership and organizational structure of the academic and health care environment. Techniques for facilitating and responding to institutional change are explored. The impact of demographic changes on the health care and academic arena is discussed. Contemporary operational and administrative challenges and trends in health professions education are analyzed.

**HPED 507: Teaching Methodologies and Classroom Design**

2 CREDITS - OFFERED ONLINE ONLY

This course explores the knowledge and competencies required to develop and implement teaching and learning strategies in the classroom, laboratory and cyberspace environment. Students will participate in various teaching/learning methodologies including problem based learning, multimedia resources, interactive classrooms, web courses and other innovative teaching tools.

**HPED 508: Theories and Practice of Adult Education**

2 CREDITS - OFFERED ONLINE ONLY

The specific characteristics of the adult learner and common theories of adult learning are explored. Strategies for effective instructional design for adult learners are addressed. The concepts of education and training are operationalized.