

INTERDISCIPLINARY MEDICINE

Course Department, Number & Title: MEDICINE 830 Interdisciplinary Medicine

Course credit or length: 2 Weeks

Course director and contact information (office phone and e-mail): Dr Shannon Browning

Course Coordinator and contact information: Brittani Ruiz; 304-691-1739, ruizb@marshall.edu

LOCATION: Cabell Huntington Hospital and JC Edwards School of Medicine, Huntington, WV.

GRADING: Honors/Pass/Fail

COURSE DESCRIPTION: This 2 week elective will provide medical students with the opportunity to learn about the roles and responsibilities of a variety of non-physician health care providers. Students will shadow and spend time working with a different type of provider each day of the elective.

Provider types:

- ICU RN
- Acute care RN
- Social worker
- Pharmacist
- Rehab therapist
- Home care provider
- Palliative care provider
- Hospital Administrator
- Infection control
- Respiratory therapist

RESPONSIBILITIES OF STUDENT: The student is required to be present on all days, complete pre- and post-rotation surveys (consisting of how acquainted they feel they are with the difference disciplines) and write a short (1-2 page) description of what was learned from the elective and how it might affect future practice.

COURSE GOAL:

To provide the student with the opportunity to experience the medical system from the perspective of various non-physician health care providers which will promote more effective interdisciplinary coordination.

INSTITUTIONAL and COURSE OBJECTIVES

Institutional Objective

Patient Care - Students must demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

Course Objective

The student will learn about how different disciplines provide quality and compassionate care in addition to learning how those disciplines complement the work of a physician.

Outcome Measure

Student will complete post course survey and write an essay, along with being assessed by each preceptor.

Institutional Objective

Medical Knowledge- *Students must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral.*

Course Objective

Students will be expected to expand upon their current level of medical knowledge as related to the various medical conditions being managed by each of the non-physician providers.

Outcome Measure

Post Course survey/essay

Institutional Objective

Practice-based Learning and Improvement - *Students must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.*

Course Objective

Students will gain a greater understanding of how different types of providers gather and assess medical data to make clinical decisions and judgments in coordination with physicians.

Outcome Measure

Post Course survey/essay

Institutional Objective

Interpersonal and Communication Skills - *Students must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with non-physician providers.*

Course Objective

The student will learn how to more effectively communicate with non-physician professionals, and develop greater comfort in approaching non-physicians about patient-care issues.

Outcome Measure

Post Course survey/essay

Institutional Objective

Professionalism- *Students must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.*

Course Objective

The student will interact with faculty and all preceptors in a professional manner at all times.

Outcome Measure

Professionalism will be observed and monitored by faculty.

Institutional Objective

Systems-based Practice - *Students will be able to recognize and better understand the role of other health care professionals in the overall care of the patient.*

Course Objective

The student will have a greater understanding of “what it is like” to be each of these non-physicians and the common challenges faced by non-physicians and improve coordination of patient care.

Outcome Measure

Post Course survey/essay

BASIC SCIENCE OBJECTIVE

Basic Science Objective

The student will develop and refine their abilities to apply an understanding of medical knowledge.

Outcome Measure

The faculty will assess the student’s knowledge and ability.

Individual Discipline Goals

ICU RN:

1. Know the most common reasons for contact between physicians and nurses in the ICU.
2. Be able to compare and contrast ICU nursing responsibilities and general floor responsibilities.

General floor RN

1. Know most common procedures nurses perform on the floor.
2. Be able to identify a common reason for physician-nursing miscommunication on the floor.

Social Worker

1. Gain a greater understanding of the different government/community agencies for which social work can act as an intermediary.
2. Develop an understanding of the appropriate circumstances to involve social work in patient care.

Pharmacist

1. Be able to identify a common reason for physician-pharmacy miscommunication.
2. Understand some of the root causes of medication errors in a hospital.

Rehab Therapist

1. Understand training required for certification.
2. Be familiar with the most common conditions encountered.

Home Care provider

1. Gain an understanding of circumstances in which home care should be involved in a patient's care.

Palliative Care provider

1. Gain an understanding of circumstances in which palliative care services should be offered and introduced.
2. Be able to compare and contrast the treatment goals of palliative care and non palliative care.

Hospital Administrator

1. Describe how a hospital bills for services.
2. Gain an understanding of the regulatory and accreditation bodies that dictate hospital management.

Infection Control

1. Understand the World Health Organization's "My Five Moments for Hand Hygiene".
2. Be able to speak to the concept of antibiotic stewardship in the hospital.

Respiratory Therapist

1. Understand training required for certification
2. Be familiar with the most common conditions encountered.

Self-Directed Learning

This is an elective that incorporates required self-directed learning. The student will use unstructured time to complete the essay and complete surveys.

ASSESSMENT METHODS**Faculty Evaluation-**

The faculty's evaluation will be based upon, but are not limited to, upon the following factors:

- Attendance
- Completion of all assignments
- Demonstration of knowledge of topics of study
- Maturity and Professionalism
- Student's ability to describe interdisciplinary coordination of care for at least 1 patient

Pre and Post Course Survey –

The student will complete a pre and post course survey to assess their level of knowledge regarding the roles of different health care disciplines.