COMMON COURSE OUTLINE: Course discipline/number/title: BTEC 2610: Medical Specialties and Pharmacology

A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: 2
3. Prerequisites (Course discipline/number): BTEC 1001, D2L Online Tutorial, or the instructor’s permission is required when the course is offered online; BTEC 1600, BTEC 1610 or concurrent registration. College-level reading and writing skills: appropriate score on RCTC placement test or completion of appropriate developmental course with grade of C or better.
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course covers the various specialty areas of medical practice, medications commonly used in those areas, and location of medications in the Physician’s Desk Reference and other reference materials. Additional topics covered will be drug classifications and modes of administration, characteristics of typical drugs, and usage of the PDR in location, correct spelling, and proper interpretation of medications in dictated material.

B. DATE LAST REVISED (Month, year): April, 2010

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Drug forms and route of administration
2. Drug terminology, measurement system and abbreviations
3. Physician Desk Reference
4. Medications for various medical specialties

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Complete drug forms and route to administration
2. Recognize drug terminology, measurement systems and abbreviations
3. Use of Physician Desk Reference
4. For the following medical specialties, identify and spell medications correctly:
   a) nuclear medicine and diagnostic imaging
   b) preoperative and surgical
   c) analgesia
   d) psychiatry
   e) gastrointestinal
   f) dermatology
   g) musculoskeletal
   h) urology
   i) male reproductive
   j) neurology
   k) cardiovascular
   l) respiratory
   m) gynecology and obstetrics
   n) ophthalmology
   o) immunology
   p) anti-infective, antifungal, antivirals
   q) geriatrics
   r) sports medicine and wellness
   s) pathology

E. LEARNING OUTCOMES (MNCT): NA
F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. Tests
2. Worksheets
3. Reports

G. RCTC CORE OUTCOME(S) ADDRESSED:
- [x] Communication
- [x] Critical Thinking
- [ ] Global Awareness/Diversity
- [ ] Civic Responsibility
- [ ] Personal/Professional Accountability
- [ ] Aesthetic Response

H. SPECIAL INFORMATION (if any):
Normal fees that are charged for other computer classes and for online classes.