COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

COURSE SYLLABUS

Course Information

Course Number: DSAE 1340

Course Title: Diagnostic Electrocardiography

Course Description: Cardiac testing including the techniques and interpretation of patient physical assessment. Covers electrocardiography, stress testing, Holter monitoring, vital signs, and cardiovascular pharmacology. Lab required.

Course Credit Hours: 3
Lecture Hours: 2
Lab Hours: 3

Prerequisites: None ~~HITT 1305, and HPRS 1271, and Current Healthcare Provider Cardiopulmonary Resuscitation (CPR) Certification from American Heart Association (AHA); or consent of Instructor~~

Student Learning Outcomes: Upon successful completion of this course, the student will be able to:

1. Demonstrate non-invasive cardiac testing procedures.
   (SCANS: F1, F2, F4, F5, F6, F7, F8. F10, F11, F12, F14, F15, F16, C3, C5, C7, C10, C11, C12, C13, C14, C18, C19, C20)
2. Perform a physical exam to include vital signs, patient assessment, and history.
   (SCANS: F1, F2, F4, F5, F7, F8, F9, F10, F11, F12, F13, F14, F14, F15, C1, C5, C7, C8, C9, C10, C11, C12, C13, C14, C20)
3. Identify basic dysrhythmias.
   (SCANS: F1, F3, F8, F9, F10, F11, F12, C5, C7, C11, C12, C13)
4. Describe treatment methods including pharmacologic agents.
   (SCANS: F1, F4, F5, F7, F8, F9, F10, F11, F12, F16, C5, C7, C8, C9, C10, C11, C12, C13, C18, C19)
5. Identify indications, contraindications, actions, and side effects of generic and brand name cardiovascular drugs.
   (SCANS: F1, F2, F10, F11, C3, C7, C9, C11, C12, C13, C14)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS)- SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.