



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

**LAST REVIEW:** 2008-2009      **NEXT REVIEW:** 2013-2014      **STATUS:** A

**COURSE TITLE:** Special Topics

**COMMON COURSE NUMBER:** RTE 1932C

**CREDIT HOURS:** 1

**CONTACT HOUR BREAKDOWN**

*(per 16 week term)*

**CLOCK HOURS:**  
*(Voc. Course ONLY)*

Lecture: 16      Lab: 16

Clinic:              Other:

**PREREQUISITE(S):** RTE 1513, RTE 1513L, RTE1613, RTE 1814, RTE 1418L, RTE 1814

**COREQUISITE(S):**

**PRE/COREQUISITE(S):** RTE 1824

**COURSE DESCRIPTION:** The principles and practical application of venipuncture and electrocardiography.

General Education Requirements – Associate of Arts Degree (AA), meets Area(s): Area  
General Education Requirements – Associate in Science Degree (AS), meets Area(s): Area  
General Education Requirements – Associate in Applied Science Degree (AAS), meets Area(s): Area

**UNIT TITLES**

1. Venipuncture
2. Electrocardiography



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## EVALUATION:

Please provide a brief description (250 characters maximum) that details how students will be assessed on the course outcomes.

**Assessment includes examinations, online discussion assignments and posts, and laboratory competency evaluations.**

*\*\*\* Complete the following only if course is seeking general education status \*\*\**

## GENERAL EDUCATION Competencies and Skills\*:

Please highlight in green font all Competencies/Skills from the list below that apply to this course. In the box to the right of the Competency/Skill, enter all specific learning outcome numbers (i.e. 1.1, 2.7, 5.12) that apply.

1. Read with critical comprehension	
2. Speak and listen effectively	
3. Speak and listen effectively	
4. Think creatively, logically, critically, and reflectively (analyze, synthesize, apply, and evaluate)	
5. Demonstrate and apply literacy in its various forms: (highlight in green ALL that apply) (1. technological, 2. informational, 3. mathematical, 4. scientific, 5. cultural, 6. historical, 7. aesthetic and/or 8. environmental )	
6. Apply problem solving techniques to real-world experiences	
7. Apply methods of scientific inquiry	
8. Demonstrate an understanding of the physical and biological environment and how it is impacted by human beings	
9. Demonstrate an understanding of and appreciation for human diversities and commonalities	
10. Collaborate with others to achieve common goals.	
11. Research, synthesize and produce original work	
12. Practice ethical behavior	
13. Demonstrate self-direction and self motivation	
14. Assume responsibility for and understand the impact of personal behaviors on self and society	
15. Contribute to the welfare of the community	

*\*General Education Competencies and Skills endorsed by '05-'06 General Education Task Force*



**UNITS**

**Unit 1 Venipuncture**

**General Outcome:**

- 1.0 The student shall be able to accurately describe and perform the proper procedures for venipuncture.**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 1.1** Discuss legal & ethical aspects of venipuncture for contrast media administration.
- 1.2** Identify venous anatomy & circulatory physiology.
- 1.3** Identify common sites used for venipuncture.
- 1.4** Discuss & perform vein identification & assessment.
- 1.5** Describe & employ equipment used for venipuncture.
- 1.6** Accurately perform venipuncture utilizing sequenced steps.
- 1.7** Demonstrate acceptable universal precaution techniques during venipuncture.
- 1.8** Discuss complications related to venipuncture.



**UNITS**

**Unit 2 Electrocardiography**

**General Outcome:**

**2.0 The student shall be able to accurately describe and perform the proper procedures for electrocardiography.**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 2.1** Identify cardiac anatomy & electrophysiology of the heart.
- 2.2** Describe the components of an ECG machine.
- 2.3** Describe & employ supplies used for electrocardiography.
- 2.4** List the steps needed to prepare the patient for an ECG.
- 2.5** Accurately perform an ECG utilizing sequenced steps.
- 2.6** Identify common ECG arrhythmias.
- 2.7** Identify common ECG artifacts & discuss their prevention.
- 2.8** Discuss complications related to electrocardiography.