## NEW COURSE PROPOSAL FORM

**TO:** CURRICULUM COMMITTEE

**ACADEMIC AREA:** HEALTH PROFESSIONS

**PROPOSEd by**: Jeff Davis, RRT, RCIS- program director cardiovascular technology

**PRESENTER:**

**DATE:** 9/1/2010

**COURSE PREFIX, NUMBER AND TITLE:**

CVT 1801 L Cardiovascular Pre Practicum II

SECTION I

**COURSE INFORMATION: TYPE iN THE APPROPRIATE INFORMATION FOR EACH ITEM:**

**DEPARTMENT:** Cardiovascular technology

**COURSE PREREQUISITE(S):** RET 1613C, CVT 1200, CVT 1800L

**MINIMUM GRADE OF prereqUISITE(s):** C

**COURSE COREQUISITE(S):**

**COURSE CREDITS OR CLOCK HOURS:** 2 credit hours

**credit type:** COLLEGE CREDIT (TRANSFERABLE)

**CONTACT HOURS:** 2 contact hours

**COURSE DESCRIPTION:**

Supervised clinical practice continues in the on campus cardiac catheterization laboratory. This course builds on the knowledge and skills from CVT 1800L. Areas of concentration in this pre-clinical course include; diagnostic left heart catheterization, diagnostic right heart catheterization, pre and post cardiac catheterization patient care and 12 lead ecg acquisition.

**GENERAL TOPIC OUTLINE:**

 The student will demonstrate knowledge in and participate in laboratory activities in order to simulate and practice the skills required to function in the cardiac catheterization laboratory.

* Left heart catheterization
* Equipment selection and set up
* Practice of radiation safety protocols
* Practice of simulated left heart cardiac catheterization procedures
* Right heart catheterization
* Equipment selection and set up
* Practice of simulated right heart cardiac catheterization procedures
* Pre and post cardiac catheterization patient care
* Pre procedure preparation and teaching
* Post procedure monitoring, care and teaching
* Electrocardiography
* Acquisition of artifact-free diagnostic 12 lead ecg

Students will complete the objectives, demonstrate the knowledge, skills and competencies required in order to be checked off on the skills checklists.

**LEARNING OUTCOMES:**

TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS AND GEN ED COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

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| LEARNING OUTCOMES | ASSESSMENTS | GENERAL EDUCATION COMPETENCIES |
| Select the appropriate equipment required for a diagnostic left heart catheterization procedure | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  | **CT** |
| Set up the appropriate equipment required for a diagnostic left heart catheterization procedure using sterile technique | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  | **CT** |
| Scrub during a simulated left heart catheterization procedure using sterile technique | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  | **CT, TIM** |
| Select and set up the appropriate equipment required for a diagnostic right heart catheterization procedure | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  | **CT** |
| Scrub during a simulated right heart catheterization procedure using sterile technique | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  |  |
| Prepare a patient for a left heart catheterization procedure In a simulated setting | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  |  |
| Provide the post procedure care of a patient for a left heart catheterization procedure In a simulated setting | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  |  |
| Acquire an artifact free diagnostic quality 12 lead ecg | **Successfully complete the assigned quizzes and/or exams and/or checklists and perform simulated procedures.**  | **TIM** |
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### SECTION II

**ICS CODE FOR THIS COURSE:** ADVANCED AND PROFESSIONAL - 1.11.12 - HEALTH PROFESSIONS

**IF YOU INTEND TO RESTRICT STUDENT REGISTRATION BASED ON THE STUDENTS’ MAJOR(S), ENTER ALL APPLICABLE MAJOR RESTRICTION CODE(S):** CVTA

**GRADE MODE:** STANDARD GRADING

**IS THIS A GENERAL EDUCATION COURSE?** NO

**IS THIS A WRITING INTENSIVE COURSE?** NO

**iS THIS AN HONORS COURSE?** NO

**IS THIS A REPEATABLE COURSE?** NO

**IF SO, WHAT IS THE MAXIMUM NUMBER OF CREDITS A STUDENT CAN EARN FOR THIS COURSE?**

**DO YOU EXPECT TO OFFER THIS COURSE THREE TIMES OR LESS?** NO

**WILL THIS NEW COURSE HAVE AN IMPACT ON OTHER COURSES, PROGRAMS OR DEPARTMENTS?** NO

**eXPLAIN:**

This is a new core Cardiovascular Technology course that will only be taken by CVT students.

**IF YES, HAVE YOU DISCUSSED THIS PROPOSAL WITH ANYONE (FROM OTHER DEPARTMENTS AND/OR PROGRAMS) REGARDING THE IMPACT? WERE ANY AGREEMENTS REACHED?**

CLICK HERE TO ENTER TEXT.

**DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?** NO

**IS ANY COREQUISITE LISTED ON THIS COURSE ALSO LISTED AS A COREQUISITE ON ITS PAIRED COURSE?** NO

eXAMPLE: CHM 2032 IS A COREQUISITE FOR CHM 2032L AND CHM 2032L IS A COREQUISITE FOR CHM 2032.

### SECTION III

**PROVIDE JUSTIFICATION FOR CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION):**

Following a review of student, graduate and program RESOURSE SURVEYS, PROGRAM personel AND THE advisory board made a recomndation to change the curriculum. The addition of this Pre Practicum couse in the Summer A semester will provide additional practice prior to entering the hospital enviornment. (Please review the meeting minutes of the October 2, 2009 advisory board – section 9) (NOTE WITH THE REBALANCE OF THE TOTAL CURRICULUM FOR CARDIOVASCULAR TECHNOLOGY, THERE WILL BE NO CHANGE IN THE TOTAL NUMBER OF PROGRAM CREDIT HOURS) .

**NOTE:**

CHANGES FOR THE UPCOMING FALL TERM MUST BE SUBMITTED AND APPROVED NO LATER THAN THE FEBRUARY CURRICULUM COMMITTEE MEETING PRIOR TO THE START OF THE NEXT ACADEMIC YEAR. CHANGES DURING MID-SCHOOL YEAR ARE NOT ALLOWED. EXTREME CIRCUMSTANCES WILL REQUIRE APPROVAL FROM THE VICE PRESIDENT OF ACADEMIC AND STUDENT AFFAIRS TO BEGIN IN THE SPRING TERM. THE PROPOSED CHANGES MUST BE PRESENTED AND APPROVED BY THE SEPTEMBER CURRICULUM COMMITTEE PRIOR TO THE SPRING SEMESTER.

**EXCEPTION:**
COURSES PUBLISHED IN THE 2010-2011 CATALOG THAT ARE PENDING CURRICULUM APPROVAL WILL BE EFFECTIVE SPRING 2011.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:** FALL 2011 TYPE OTHER

 VPASA SIGNATURE (IF NECESSARY) TO APPROVE CURRICULUM ACTION MID-YEAR:

 APPROVED EFFECTIVE TERM

**FACULTY ENDORSEMENTS:**PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA (,)



**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 12/16/2010

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

 1/14/2011

**STUDENT ASSESSMENT COMMITTEE CHAIR ENDORSMENT:**

 1/21/2011

**DISTRICT DEAN OF INSTRUCTION ENDORSEMENT:**

 1/21/2011

AFTER REVIEWING AND SIGNING THIS PROPOSAL, THE DISTRICT DEAN WILL RETURN THE PROPOSAL TO THE DEPARTMENT CHAIR OR PROGRAM COORDINATOR WILL SUBMIT THE PROPOSAL TO THE VPASA OFFICE.

THE DEPARTMENT CHAIR/PROGRAM COORDINATOR WILL SEND THIS PROPOSAL ALONG WITH ANY OTHER PROPOSALS FROM HIS/HER DEPARTMENT BEING SUBMITTED FOR REVIEW BY THE CURRICULUM COMMITTEE TO THE STUDENT ASSESSMENT COMMITTEE FOR REVIEW. ONCE APPROVED BY THE STUDENT ASSESSMENT COMMITTEE, SUBMIT THE PROPOSAL(S) TO THE OFFICE OF THE VICE PRESIDENT OF ACADEMIC AND STUDENT AFFAIRS AT LEAST TWO FRIDAYS PRIOR TO THE NEXT SCHEDULED CURRICULUM COMMITTEE MEETING.

FOR MORE DETAILS, PLEASE REFER TO THE CURRICULUM COMMITTEE GUIDELINES, CURRICULUM PROCESS FLOW CHART AND THE CRITICAL DATES TABLE BY CLICKING CURRICULUM COMIITTEE ON THE FACULTY/STAFF LINK FROM THE EDISON HOMEPAGE (CLICK ON THE CURRICULUM PROCESS LINK).

REVISED: 8/25/10