

CVTT 2460

Clinical Cardiovascular Technology/ Technologist

Semester: Fall, 2013

Course Dates: August 26th – December 15th

Clinic Days and Times:

Days: Monday, Wednesday, Friday

Times: 0630-1430

**Students may adjust times to mirror the duty day of the clinical site if their day starts later than 0630.*

Faculty:

Adam Van Breems, B.S. R.T.(R)(CI)(ARRT)

Office:

EVC: 8283

RRC: 3105 (Health Sciences Offices)

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Email: adam.vanbreems@austinncc.edu

Office Hours:

Tuesday: 1300- 1500 RRC

Thursday: 0930-1130 EVC

**Or by appointment outside of these times.*

Arranging for Conferences/appointments:

In the event that you need additional course information or would like to meet with the faculty member, please contact the faculty member via email and make an appointment during the designated office hours. Please indicate the nature of the visit or subject matter that you need assistance in.

Required Text: None

Course Description:

Students will be assigned to various cardiac catheterization laboratories of affiliated clinical agencies where they will have the opportunity to observe departmental activities and perform invasive cardiovascular procedures.

Course Pre-requisites:

Admission to the Cardiovascular Interventional Radiology Program or Program Coordinator approval.

Instructional Methodology:

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Direct patient care experience

Course Subjects:

Observation and performance of invasive cardiovascular procedures

Common Course Objectives:

Demonstrate proficiency in invasive cardiovascular procedures

At the end of the course, the students will be able to:

1. Demonstrate entry level clinical competency skills.
2. Demonstrate problem solving and critical thinking skills in the didactic and clinical components of the Program.
3. Demonstrate and practice professional growth and development
4. Demonstrate satisfactory communication skills.

General Information:

Clinicals will begin August 26th

Holidays (No Clinicals):

Labor Day Holiday: Sept. 2 (Mon.)

Thanksgiving Holiday: Nov. 28 (Thurs.) – Nov. 29 (Fri.)

Policies:

Students **WILL NOT** answer Department Telephones.

Students **WILL NOT** transport patients without a staff member.

Students **WILL NOT** perform invasive procedures independently. Your preceptor must always be available to assist and step in if needed.

Electronic Devices:

The use of any electronic device is prohibited at the clinical sites, and during all class sessions. You may use a basic calculator (nongraphing); however cell phones with calculator functions may not be used. The student is prohibited from having a cell phone or pager on his/her person while in the clinical site. Use of a computer is permitted only if the student obtains permission from the instructor. **Voice recording devices are not permitted.**

Computer Access/Email:

All students must be able to access the ACC online teaching platform, Blackboard, and their ACC email accounts (assigned by the college). Students may utilize any of the computers on any ACC campus to check their email accounts and to access Blackboard. Blackboard and email accounts should be checked frequently for assignments, announcements and/or messages.

Computer Skills:

Cardiovascular Interventional Radiology Students are required to demonstrate a variety of computer skills through the length of the program. All Clinical sites utilize computer systems for patient schedules and patient information. Radiology students must be able to utilize any clinical sites' data/patient management system as permitted by the clinical site. A student who is unfamiliar with using a computer or who has limited computer skills is expected to seek instruction in computer programs and usage so that he/she will be able to meet the requirements of his/her courses.

Attendance:

Absences: Students are allowed three (3) absences during the course of this semester. If a student is absent more than the allowed days, the clinical grade will be affected. For each absence beyond three, 5 points will be deducted from the **final clinical course average**. Clinical days are from 6:30am-2:30pm (Or adjusted to clinical duty day). Students will be considered tardy at 6:37am (7 minutes after the adjusted time). In the case of an absence you must notify the clinical site and notify **ME**. If a student leaves the clinical agency early for any reason (other than an emergency) without prior faculty authorization and notification to the clinical agency, then an absence for the entire day will be recorded.

Tardies: Only two (2) tardies will be allowed in any clinical semester. If a third tardy is accrued and absence will be assessed to the student. If you have used your maximum allowed absences and a third tardy is accrued, 5 percentage points will be deducted from your total clinical grade. Arrival to the clinic after 0800 will be counted as an absence and the student will go home and not participate in clinical activities.

Attendance will be recorded one of three ways:

- IOS device
- TimeStation Website log-in
- Time sheet located in the Clinical workbook

Professional Skills Development Evaluation:

This includes evaluation of safety practices, communication skills, professionalism, motivation, appearance, etc. Two of these evaluations will be completed for each student during the semester. This component will comprise 25 percent of your clinical grade.

Withdrawals:

The last day to withdraw from this course is Thursday, November 21, 2013. If you decide to drop/withdraw from this course for any reason it is your responsibility to complete the necessary paper work to avoid academic penalty.

Incomplete Course Grades:

All course work must be completed by December 15, 2013. Incomplete course grades will only be given for justifiable documented reasons.

Grading Scale:

- 100-93 = A
- 92-85 = B
- 84-75 = C
- 74-68 = D **(NOT ACCEPTABLE IN RADIOLOGY COURSES)**

Grading Distribution:

Item Graded	Quantity of items graded	Percentage of Total Grade
Clinical Observation forms	20	25%
Competencies	5	25%
Professional Skills evals	2	25%
Student Workbook	1	25%

Students With Disabilities:

"Each ACC campus offers support services for students with documented physical or psychological disabilities. Students with disabilities must request reasonable accommodations through the Office for Students with Disabilities on the campus where they expect to take the majority of their classes. Students are encouraged to do this three weeks before the start of the semester" (<http://www.austincc.edu/handbook/>).

Scholastic Dishonesty

"Acts prohibited by the College for which discipline may be administered include scholastic dishonesty, including but not limited to cheating on an exam or quiz, plagiarizing, and unauthorized collaboration with another in preparing outside work. Academic work submitted by students shall be the result of their thought, research or self-expression. Academic work is defined as, but not limited to tests, quizzes, whether taken electronically or on paper; projects, either individual or group; classroom presentations, and homework" (<http://www.austincc.edu/handbook/>)

**Falsifying student workbook documentations also falls under this category and is punishable with sanctions from the ARRT as well. (<https://www.rrt.org/pdfs/Governing-Documents/Standards-of-Ethics.pdf>)*

Academic Freedom:

The concept of academic freedom is essential to the learning process. Students have the opportunity to examine and question the pertinent data and assumptions of a given discipline, guided by the evidence of scholarly research. The right to self-expression or to disagree carries with it the responsibility to exercise appropriate restraint, and to show respect for the opinions of others.

Scans Competencies:

In 1990, the US Department of Labor established the Secretary's Commission on Achieving Necessary Skills (SCANS) to examine the demands of the workplace and whether or nation's student are capable of meeting those demands. The Commission determined that today's jobs generally require competencies in the following areas:

Resources: Identifies, organizes, plans and allocates resources

Interpersonal: Works with others

Information: Acquires and uses information.

Systems: Understands complex interrelationships

Technology: Works with a variety of technologies.

The Texas Higher Education Coordinating Board requires that all degree plans in institutions of higher education incorporate these competencies and identify to the student how these competencies are achieved in course objectives.

Resources: Identifies, organizes, plans, and allocates resources.

- Time: Selects goal relevant activities, ranks them, allocates time, and prepares schedule to complete activity.

Interpersonal: Works with others.

- Participates as a team member. Contributes to group effort (group assignment), Works with diversity-works well with everyone from diverse backgrounds.

Information: acquires and evaluates information.

- Organizes and maintains information.
- Interprets and communicates information.
- Uses computers to process information

Systems: Understands complex interrelationships

- Understands systems-knows how social, organizational, and technological systems work and operates effectively with them (Student-Staff Technologists-Patients-other members of the health care team.

Technology: Works with a variety of technologies.

- Selects technology-chooses tools, or equipment including computers and related

Invasive Interventional cardiovascular equipment.

Basic Skills: Reads, writes, performs mathematical operations, listens, and speaks.

- Reading: locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.
- Writing: communicates thoughts, ideas, information, and messages in writing and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.
- Listening: receives, attends to, interprets, and responds to verbal messages and other cues.
- Speaking: Organizes ideas and communicates verbally.

Thinking Skills: Thinks creatively, makes decisions, solves problems, visualizes, learns, and reasons.

- Creative thinking-generates new ideas
- Decision making-specified goals and constraints, generates alternative, considers risks, and evaluates and chooses best alternatives.
- Problem solving-recognizes problems and devises and implements plan of action.
- Knowing how to learn-uses efficient learning techniques to acquire and apply new knowledge and skills.
- Reasoning: discovers a rule or principle underlying and relationship between two or more objectives and applies it when solving a problem

Personal Qualities: Responsibility-exerts a high level of effort and perseveres toward goal attainment.

- Self-esteem-believes in own self-worth and maintains a positive view of self.
- Sociability-demonstrates understanding, friendliness, adaptability, empathy, and politeness in group settings.
- Self-management-assess self accurately, sets personal goals, monitors, progress, and exhibits Self-control.
- Integrity/honesty-chooses ethical courses of action.

Appealing/Inquiring About a Grade:

If you have a question about a grading policy and/or a specific assignment grade, you must raise your question while enrolled in the course. Meet with the instructor of record and discuss your questions or issues. Document in writing what you discuss and the outcome of the discussion in case you later request a **Review of Final Course Grade** (<http://www.austincc.edu/catalog/pdf/ACC-Catalog-FY11-12.pdf>)

If you are unable to resolve your questions or concerns with your instructor, make an appointment with the Department Chair to discuss the matter or, if the instructor is the department chair, with the Dean of Health Sciences. If you need help locating the Department Chair or Dean, visit Student Services on any campus or refer to the website at <http://www.austincc.edu/dept>.

Student Rights and Responsibilities:

Students at the college have the rights accorded by the U.S. Constitution to freedom of speech, peaceful assembly, petition, and association. These rights carry with them the responsibility to accord the same rights

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to others in the college community and not to interfere with or disrupt the educational process. Opportunity for students to examine and question pertinent data and assumptions of a given discipline, guided by the evidence of scholarly research, is appropriate in a learning environment. This concept is accompanied by an equally demanding concept of responsibility on the part of the student. As willing partners in learning, students must comply with college rules and procedures.

Safety:

Austin Community college is committed to providing a safe and healthy environment for study and work. You are expected to learn and comply with ACC environmental, health and safety procedures and agree to follow ACC safety policies. Additional information on these can be found at <http://austincc.edu/ehs>.

Because some health and safety circumstance are beyond our control, we ask that you become familiar with the Emergency Procedures poster and Campus Safety Plan map in each question. Additional information about emergency procedures and how to sign up for ACC Emergency Alerts to be notified in the event of a serious emergency can be found at: <http://www.austincc.edu/emergency/>

Please note, you are expected to conduct yourself professionally with respect and courtesy to all. Anyone who thoughtlessly or intentionally jeopardizes the health or safety of another individual will be dismissed from the day's activity, may be withdrawn from the class, and/or barred from attending future activities.

Use of ACC email:

All college email communication to students will be sent solely to the student's ACCmail account, with the expectation that such communication will be read in a timely fashion. ACC will send important information and will notify you of any college related emergencies using this account. Students should only expect to receive email communication from their instructor using this account. Likewise, students should use their ACCmail account when communicating with instructors and staff. Instructions for activating an ACC account can be found at <http://www.austincc.edu/accmail/index.php>

ACC policy: Incomplete

A student in good standing in a Radiology Course may request an incomplete grade for that course if the following is determined by Department Chair to be present: serious illness or injury that prevents the student from completing coursework by the end of the semester but will not affect the student's continuance in the program or significant personal circumstances that would prevent the student from attending class or clinical.

Student and Instructional Services:

ACC strives to provide exemplary support to its students and offers a broad variety of opportunities and services. Information on these services and support systems is available at: <http://www.austincc.edu/s4/>

Links to many student services and other information can be found at:

<http://www.austincc.edu/current/> ACC Learning Labs provide free tutoring services to all ACC students currently enrolled in the course to be tutored. The tutor schedule for each Learning Lab may be found at:

<http://www.austincc.edu/tutor/students/tutoring.php> For help setting up your ACCeID, ACC Gmail, or ACC Blackboard, see a Learning Lab Technician at any ACC Learning Library.

Additional Policies:

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Please review the following college website for additional important information about general policies:
<http://www.austincc.edu/currentneedtoknow> website.