

**Valencia College  
Radiography Program**

<b>PATIENT CARE IN RADIOGRAPHY</b>	<b>2016-30</b>	<b>YEAR 1, SESSION 1, 2016</b>
RTE 1111C CRN 31108	3 Credits	Day/Time: Wed/8:30-11:30

**COURSE DESCRIPTION:**

Introduces basic theories, skills, and techniques of quality patient care. Includes communication, assessment skills, aseptic technique, venous access and drug administration, emergency situations and AIDS education. Presents theoretical and practical knowledge to make sound clinical judgments and carry out patient care activities.

**PREREQUISITES:** Acceptance to Valencia Radiography Program

**COREQUISITES:** RTE1000 Introduction to Radiography

**INSTRUCTORS:**

Julie Kloft, MSRS, RT (R) Clinical Coordinator Office: West Campus, AHS 244 Phone: (407) 582-1868 Fax: (407) 582-1834 Email: jkloft@valenciacollege.edu Office Hours: By appointment	Beverly Bond, M. Ed., RT (R) Program Director Office: West Campus, AHS 243 Phone: (407) 582-1834 Fax: (407) 582-1834 Email: bbond@valenciacollege.edu Office Hours: By appointment
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**REQUIRED TEXTBOOKS:**

- Adler, A. & Carlton, R. (2016). *Introduction to Radiologic Sciences and Patient Care* (6<sup>th</sup> Ed.). Missouri: Elsevier. [ISBN 978-0-323-31579-1]
- Mosby's Radiography Online. *Introduction to Imaging Sciences and Patient Care*. (2<sup>nd</sup> Ed.). [ISBN 978-0-323-39286-0]
- National Safety Council. *Blood-borne Pathogens* booklets.
- Patient Care kit (available in Valencia bookstore only on West campus)
- Flying Your True Colors for True Success: an Interactive Book.

**COURSE OBJECTIVES:**

1. Explain select perception of death and dying from patient and technologist viewpoints.
2. Describe ethical, emotional, personal and physical aspects of death.
3. List the stages of dying and describe the characteristics of each stage.
4. Identify the support mechanisms available for the terminally ill.
5. Identify methods for determining the correct patient for a given procedure.
6. Explain the use of various communication devices and systems.
7. Explain specific aspects of a procedure to the patient.
8. Demonstrate correct principles of body mechanics applicable to patient care.
9. Demonstrate techniques for specific types of patient transfers.

10. Demonstrate select procedures for turning patients with various health conditions.
11. Describe select immobilization techniques for various types of procedures and patient conditions.
12. Describe specific patient safety measures and concerns.
13. Explain the purpose, legal considerations and procedures for reporting an accident or incident.
14. Describe methods for evaluation of patient status.
15. List the information to be collected prior to patient examination.
16. Describe vital signs used to assess patient condition.
17. Convert a Fahrenheit measurement to the Celsius equivalent.
18. State the normal temperature values for the oral and rectal routes of measurement.
19. Describe the method of monitoring respiration and state the normal values expected.
20. Identify the normal values for blood pressure for males and females.
21. Identify the seven major sites for monitoring the pulse and indicate the normal values.
22. Assess patient vital signs.
23. List the normal ranges for specific laboratory studies.
24. Define terms related to infection control.
25. Describe the importance of Standard Precautions and Isolation Procedures.
26. Explain sources and modes of transmission of infection and disease.
27. List institutional/departmental procedures for infection control.
28. Describe methods for the prevention of infection to the health worker and patient.
29. Identify symptoms related to specific emergency situations.
30. Describe the symptoms and medical interventions for a patient having a contrast agent reaction.
31. Describe the patient preparation of various barium studies.
32. Outline the steps in the operation and maintenance of suction and oxygen equipment and demonstrate use.
33. Describe the special problems faced in performing procedures on a patient with tracheotomy and specific tubes, drains, and catheters.

### **EVALUATION:**

The grade for the course will be determined by the sum of the following percentages:

Lab skill competencies	30%	<u>Grading Scale:</u>	
Quizzes	10%	93-100	A
Tests	20%	85-92	B
Final theory exam	20%	76-84	C
Final skills exam	<u>20%</u>	70-75	D
	100%	69 or less	F

### **SESSION REQUIREMENTS:**

Eleven on-campus laboratory visits and two (four hour) service learning projects.

RAD: Radiography Classroom—West Campus, AHS, Room 239

NAL: Nursing Arts Lab—West Campus, HSB, Room 228

Off-campus: Sign up for Service Learning Projects to be completed at a local hospital (details to follow)

### **DRESS CODE:**

The dress code provided in the Radiography Program Student Handbook will be enforced on campus and in the hospital when you complete your Service Learning Projects. If you are not dressed appropriately, you will be sent home. The Nursing Arts Lab requires you wear closed-toe shoes (no flip-flops or sandals).

### **ATTENDANCE:**

Regular attendance is necessary for success. The student is expected to attend all classes unless prevented by illness or emergency. Please contact me via email if you are unable to attend.

1. In the case of an absence or tardy, it is the responsibility of the student to gather makeup work from a fellow student or instructor.
  2. Tardy students cannot enter class until the next regular break and those late from the break will not be allowed to enter the second half of the class. A tardy is lateness after the scheduled start time. An absence is missing more than 1/3 of the scheduled class time.
- A combined total of **2 (two)** absences and/or tardies will lower final course grade by one letter grade.
  - A combined total of **3 (three)** absences and/or tardies will result in class failure and **program dismissal**.

### **CLASSROOM RULES:**

Students are expected to be alert and oriented during class time. While students are expected to participate in classroom and lab activities, socializing should not be conducted during class time. Please see Electronic Devices (below) regarding cell phone use. Students may possess cell phones on campus, but they must be silenced or off in the classroom/lab. Students may NOT possess cell phones at the hospital during the Service Learning Project.

In addition to the rules, regulations, and policies in the Valencia College Student Handbook and the Valencia College Catalog, the student will be expected to be familiar with the information in the Radiography Program Student Handbook.

**Only ONE makeup test will be allowed, with a penalty of -10 points from the earned grade.** The make-up test must be completed in Valenica's Testing Center, must be coordinated with the professor, and must be completed before the day of the next regularly scheduled class/lab, or you will receive a grade of 0 (zero) for the missed test.

**No late homework or assigned will be accepted.** A grade of 0 (zero) will be assigned for failing to submit homework/assignments as assigned on the syllabus.

Students should adequately practice before attempting to check off a lab skill. Each Lab Check Off requires a **minimum score of 80%** to be considered passing.

- Failing to score a minimum of 80% on an individual Lab Check Off equals a failed attempt on that check off, which results in a **5 (five) point** deduction from the earned score of the **original check off**.
- Subsequently failing a second attempt on a Lab Check Off results in a **10 (ten) point** deduction from the earned score of the **original check off**.
- An individual Lab Check Off may be repeated a maximum of 2 (two) times. If the student is unsuccessful on the third attempt an individual Lab Check Off, the result is **course failure and program dismissal**.
- A maximum of 2 (two) separate Lab Check Off failures is permitted in the Patient Care course. If 3 (three) separate Lab Check Off skills are failed, the result is **course failure and program dismissal**.

### **Honor Code**

We believe in a person's honesty, self-discipline, and sense of responsibility. Cheating, lying, and stealing are subject to disciplinary action and/or dismissal as outlined in the student handbook. This class will adhere to the Valencia honor code as presented in the catalog.

1. Cheating (representing someone else's work as being your own) includes:
  - a. Copying
  - b. Collaboration - working with another person or persons in the execution of a test, report, or paper without authorization to do so.
  - c. Plagiarism - the intentional or unintentional use of someone else's words or thoughts without giving proper credit. All un-cited work will be assumed to be the sole product of the author. When using a source for material, it must be cited, footnoted, or referenced.
  - d. Use of crib notes - referring to notes brought to class for use during an examination.
  - e. Acquiring tests or other academic materials belonging to faculty or other students.
  - f. Use of textbooks and/or class notes during an examination without authorization to do so.
  - g. Falsifying documentation in a clinical area.
2. Lying (deliberate misrepresentation of the truth) includes:
  - a. Deliberate misrepresentation of the truth to persons acting in an official capacity (technologists, instructors, school faculty, medical director, etc.)

3. Stealing (taking possession of another's property without permission to do so) includes:
  - a. Taking any books (or other items) from someone else without permission or from the library without properly signing them out.
  - b. Taking any hospital or personal property from another individual.

### **Electronic Devices**

Students may **NOT USE** portable electronic devices (cell phones, iPods, etc.) during class time. Students may **NOT POSSESS** portable electronic devices during clinical time, including the Service Learning Project. (Leave the devices home or secured in your car.)

Audio and video recording (including photography) is strictly prohibited, without the express permission of those involved.

### **Grievance**

Situations of academic probation, suspension, and dismissal will be handled according to the policies of Valencia College. Issues of discipline, grievance or appeal will be handled in compliance with policies listed in the Valencia Catalog.

If a student feels he or she has a justifiable grievance in the program, the student has recourse through the grievance process. Students are more likely to receive satisfaction if they follow proper procedure:

1. Meet with the Instructor(s) involved and discuss your concern(s).
2. If you still feel you have not received a satisfactory resolution, meet with your Program Director (Beverly Bond).
3. If the matter cannot be resolved, you may then meet with the dean of the Allied Health Programs (Penny Connors).
4. Finally, if you still feel you are justified in your concern, you should meet with the president of West Campus (Dr. Felicia Williams), who will resolve the conflict.

### **Valencia Student Core Competencies**

The Valencia core competencies, **Think, Value, Communicate, and Act** are designed for student success and are outlined in the College Catalog. All aspects of this course will involve the use of these competencies for proper success in the radiography program and in your chosen occupational field.

### **Disability Statement**

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, *preferably during the first 2 weeks of EACH class*. The OSD determines accommodations based on appropriate documentation of disabilities. The West Campus OSD is located in the SSB in Room 102. Phone: 407-582-1523, Fax: 407-582-1326, TTY: 407-582-1222

### **Communication**

Communication with the instructors of this course should be sent via an email through Atlas, or by direct contact (phone numbers and email addresses are provided at the top

of this syllabus). Students should check Blackboard (for announcements) and Atlas (for email) at least once a week.

### **Release of Student Information**

Throughout the Radiography Program and at the completion of the Radiography Program, information necessary for clinical affiliation and licensure will be sent to the appropriate agency.

### **Withdrawal Deadline**

**To obtain a “W”, you must withdraw by July 8, 2016.**

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the established deadline for a particular term will receive a grade of “W.” A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of “W.” Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of “F.” For the complete policy and procedure overview on Valencia Policy 4-07 please go to: <http://valenciacollege.edu/generalcounsel/policydetail.cfm?RecordID=75>.

✓ This syllabus may be revised at any time at the discretion of the instructor(s).

### Class Schedule

Date	In-Class Activities	Lab Location	Assignment Due
05-11-16	Review Syllabus, watch Blood-borne Pathogens video, hand-washing demonstration/ practice/check off	RAD (AHS 239)	Week 1 Module 11 Ch. 17 & 18 **
<b>05-16-16</b>	<b>Add/Drop Refund Deadline</b>		
05-18-16	Watch Radiography room video. Colors presentation and project	RAD (AHS 239)	Week 2 Module 9 Ch. 13 & 14
05-25-16	Patient transfer demonstration/ practice/check off	NAL (HSB 228)	Week 3 Module 4 Ch. 11
06-01-16	Sterile gloving demonstration/ practice/check off	RAD (AHS 239)	Week 4 Module 10 Ch. 12
06-08-16	Service Learning Projects (complete June 6-17)	Off-campus	Week 5 Module 13 Ch. 21 & 23
06-15-16	Vitals, oxygen, and Foley catheter demonstration/practice/check off	RAD (AHS 239)	Week 6 Module 14 Ch 15 & 19
06-22-16	Ampules and vials demonstration/ practice/check off	RAD (AHS 239)	Week 7 Module 12 Ch. 20 & 22
06-29-16	Venipuncture demonstration/ practice/check off	RAD (AHS 239)	Week 8 Ch. 16
07-06-16	Radiography room demonstration/practice/check off	RAD (AHS 239)	Week 9 Module 15
<b>07-08-16</b>	<b>Withdrawal Deadline</b>		
07-13-16	Radiography room check off	RAD (AHS 239)	Week 10 Clinic Prep.
07-20-16	Final Lab Skills Exam	RAD (AHS 239)	Week 11
07-27-16	Final Exam (written)	RAD (AHS 239)	

Assignments are due **before** the start of lab (8:30 AM).

\*\*The first assignment is due on Sunday, May 15, 2016 before 11:59 PM.

Rev 5/16 jak