

RADT102

Mammography Syllabus

Bonnie A. Patterson, B.A., CRT, R.T. (R)(M)(CT)

Updated 2017

**RADT 102 AND 102L
MAMMOGRAPHY SYLLABUS**

DAY: Tuesdays

TIMES AND LOCATIONS:

RADT102 lecture is 9:00 to 10:15 a.m. in Room 4046

RADT102L lab is TBD

INSTRUCTOR: BONNIE A. PATTERSON, BA, CRT, R.T.(R)(M)(CT)

PHONE # AND OFFICE HOUR: (707) 527-4945. I will be on campus on Tuesdays and some Thursdays, but I check for messages via email during the week, and will return your email within 48 hours. My office “hour” is on Tuesdays from 10:15 to 10:30 a.m. My office is Room 4074 on the third floor of the Race Health Sciences Building. The best way to communicate with me is by email: bpatterson@santarosa.edu.

COURSE GOALS: To familiarize students with all aspects of mammography required of Radiologic Technologists.

GRADING: **RADT102:** Grading is based on a percentage of points accrued through assignments, quizzes, one midterm, and a final examination. **Quizzes will be frequent.** If you have any questions regarding an exam taken, you will have one week after the exam has been given to discuss it in my office, to challenge your grade.

If a student earns a score of **less than 75% on any test, quiz, or midterm**, the student will be counseled which will result in being placed on remediation. A remediation plan will be initiated that will include identification of areas of weakness, goals for improvement and how those goals will be evaluated. The instructor provides students with a verbal warning or written feedback as to their status. The instructor counsels students regarding criteria for successful completion of the course and makes recommendations for improvement. Recommendations may include, but are not limited to remediation with faculty assistance, utilization of peer study groups, tutors, self-study instruction, and seeking assistance from counselors and instructors. Remediation plans will include a schedule for completion of recommendations. The student is expected to comply with the recommendations listed and be able to document that those recommendations have been completed on schedule. Remediation is considered a pro-active mechanism that identifies an area of deficiency, and suggests behavior that will mitigate that behavior.

Program Grading Scale:

- 95 - 100% = A
- 85 - 94% = B
- 75 - 84% = C
- 74% and below = Fail

All classes must be attended. **NO LECTURE WILL BE REPEATED.**

Two unexcused absences will reduce the final grade by one grade. Late assignments are not accepted and will constitute a zero grade for that assignment.

REQUIRED TEXTS AND MATERIALS:

- 1) Mammographic Imaging, A Practical Guide. Third edition. By: Valarie F. Andolina et al.

In the unlikely event of a fire, earthquake or other disaster necessitating Race Building evacuation, students and faculty are encouraged to follow these guidelines:

- Determine the safest way to leave the classroom and the building. Do NOT use the elevator.
- In the Dental Clinic, Student Health Services, Dental Lab or other areas on the first floor, safe egress may be the emergency exit or door on the east and/or west side of the building or out the front door.
- In room 4044, 4035, HLRC, Nursing Skills Lab, X-ray lab or other areas on the 2nd floor, safe egress may be the front stairway or the rear (east) stairway. Please proceed in an orderly fashion, panic is not useful in this situation.
- In room 4076, 4077, Health Science Office or other areas on the 3rd floor safe egress may be the rear (east) stairway or the center (west) stairway. Please proceed in an orderly fashion, panic is not useful in this situation.
- **Once outside the building, please proceed to the front of the Race Building toward Elliot Ave. and gather in the plaza identified as Evacuation Assembly Area.** Faculty are to take role and determine if all are present or accounted for. Faculty will report to the Campus Building Safety Coordinators (BSC) and Area Safety Coordinators (ASC) personnel identified by wearing yellow vests. These safety coordinators are ready to provide direction in the time of an emergency. Anyone missing from the faculty report will prompt an investigation whether someone may be trapped in the building.

LECTURE SCHEDULE AND ASSIGNMENTS SHEET

RADT 102

MAMMOGRAPHY

BONNIE A. PATTERSON, BA, CRT, R.T.(R)(M)(CT)

LESSON TOPIC/DATE	ASSIGNMENTS
Week 1 – 1/23 <ul style="list-style-type: none">• Course Overview and Discussion of Lecture and Lab Expectations• “History of Mammography”	<ul style="list-style-type: none">• Read all handouts given in class today that describe the course rules and expectations.• Read Chapter 1 in textbook.• View Module 1 in Canvas.• Answer discussion questions in Canvas.
Week 2 – 1/30 <ul style="list-style-type: none">• “The Need for Screening”	<ul style="list-style-type: none">• Read Chapter 2 in textbook.• View Module 2 in Canvas.• Answer discussion questions in Canvas.
Week 3 – 2/6 <ul style="list-style-type: none">• “Patient Considerations”• Quiz 1 (weeks 1 & 2)	<ul style="list-style-type: none">• Read Chapter 3 in textbook.• View Module 7 in Canvas.• Answer discussion questions in Canvas.
Week 4 – 2/13 <ul style="list-style-type: none">• “Breast Anatomy and Physiology”	<ul style="list-style-type: none">• Read Chapter 5 from the textbook.• View Module 4 in Canvas.• Answer discussion questions in Canvas.
Week 5 – 2/20 <ul style="list-style-type: none">• “Mammographic Pathology”• Quiz 2 (weeks 3 & 4)	<ul style="list-style-type: none">• Read Chapter 6 from the textbook.• View Module 5 in Canvas.• Answer discussion questions in Canvas.
Week 6 – 2/27 <ul style="list-style-type: none">• “Mammographic Positioning”	<ul style="list-style-type: none">• Read Chapter 7 in the textbook.• View Module 8 in Canvas.• Answer discussion questions in Canvas.

<p>Week 7 – 3/6</p> <ul style="list-style-type: none"> • “The Nonconforming Patient” • Quiz 3 (weeks 5 & 6) 	<ul style="list-style-type: none"> • Read Chapter 8 in textbook. • View Module 8 for review in Canvas. • Answer discussion questions in Canvas.
<p>Week 8 – 3/13</p> <ul style="list-style-type: none"> • Midterm . on all information given from the beginning, through the lecture on “Mammographic Positioning” and Modules 1,2,7,4,5 and 8. 	<ul style="list-style-type: none"> • Midterm exam is cumulative and is heavily weighted on the modules.
<p>Week 9 – 3/20</p> <ul style="list-style-type: none"> • “Thinking in Three Dimensions” 	<ul style="list-style-type: none"> • Read Chapter 9 of the textbook. • View Module 8 for review in Canvas. • Answer discussion questions in Canvas.
<p>Week 10 – 3/27</p> <ul style="list-style-type: none"> • <i>Spring Break</i> 	<ul style="list-style-type: none"> • Some of you may wish to take the opportunity to do your 40 hour clinical rotation this week. • Have a great break!
<p>Week 11 – 4/3</p> <ul style="list-style-type: none"> • “Practical Applications in Problem Solving” 	<ul style="list-style-type: none"> • Read Chapter 10 in textbook. • View Module 5 in Canvas. • Answer discussion questions in Canvas.
<p>Week 12 – 4/10</p> <ul style="list-style-type: none"> • “Analog Mammography Machines etc.” • Quiz 4 	<ul style="list-style-type: none"> • Review Chapter 11 in the textbook • View Module 6 in Canvas. • Answer discussion questions in Canvas.
<p>Week 13 – 4/17</p> <ul style="list-style-type: none"> • “Darkroom and Processing Considerations in Mammography” 	<ul style="list-style-type: none"> • Read Chapter 12 in textbook. • View Module 3 in Canvas. • Answer discussion questions in Canvas.

<p>Week 14 – 4/24</p> <ul style="list-style-type: none"> • Quality Assurance in Film/Screen Mammography • Quiz 5 	<ul style="list-style-type: none"> • Read Chapter 13 in the textbook. • View Module 6 in Canvas for review. • Answer discussion questions in Canvas.
<p>Week 15 – 5/1</p> <ul style="list-style-type: none"> • “Creating the Digital Image” 	<ul style="list-style-type: none"> • Read Chapter 15 in the textbook. • View Module 10 in Canvas. • Answer discussion questions in Canvas.
<p>Week 16 – 5/8</p> <ul style="list-style-type: none"> • “Digital Integration and Workflow in Mammography” • Quiz 6 	<ul style="list-style-type: none"> • Read Chapter 16 in the textbook. • View Module 10 for review. • Answer discussion questions in Canvas.
<p>Week 17 – 5/15</p> <ul style="list-style-type: none"> • “Quality Assurance for Full Field Digital Mammography” 	<ul style="list-style-type: none"> • Read Chapter 17 in the textbook. • View Module 10 for review. • Answer discussion questions in Canvas.
<p>5/22/18 Tuesday, 10 – 12:45 p.m.</p> <ul style="list-style-type: none"> • Comprehensive Final Exam 	<ul style="list-style-type: none"> • Study well!!! • Relax, you’ll be great!!

CALENDAR:

Final exams for the Spring Semester are from May 19th through 25th.

Summer Semester begins: May 29, 2017