

**RT 255 (a) – SPRING 2012**

(1.21.12 DRAFT)

**"ADVANCED IMAGING/SPECIAL PROCEDURES & FLUOROSCOPY REVIEW"**

Course Schedule: Weeks 1 – 8

Mondays 10:30 – 12:30 in Phys 116

**D. Charman, M.Ed., RT(R)**Web page: [www.elcamino.edu/faculty/dcharman](http://www.elcamino.edu/faculty/dcharman)

	Mon	CLASS SCHEDULE	See WEB PAGE for presentations Reading & Homework Assignments
1	2/13	Introduction to course Research Paper and Oral Presentation Instructions <b>Winter Clinical papers due)</b>	Worksheets from web due week 3
2	2/20	<b>Monday Holiday – No class</b>	Email Topic Statement for Research Paper this week
3	2/27	Lecture : QA & QC of Rad Equipment Digital Display QC <b>Topic statement due</b>	<b>Bushong Ch. 18 QC</b> <b>Bushong Ch. 30 Digital QC</b>  (WB & review questions) <b>ODIA CD"s check out</b>
4	3/05	Lecture: Mammo Equipment & QC Lecture: Fluoroscopy QC	<b>Merrills, Vol. 2, Chap. 23* Mammo</b> <b>Bushong – Ch. 19 Mammo Equip</b> <b>Bushong – Ch. 20 Mammo QC</b> (WB & review q's)
5	3/12	Lecture: finish Fluoroscopy QC Specials Radiographic (IR) Equipment Interventional Rad Equipment Automatic Injection Devices, Intro to Angio Equipment & some Angiography Procedures  <b>QUIZ on QA/QC</b>	<b>Bushong Ch. 21 Fluoroscopy</b> <b>Bushong Ch. 22 &amp; IR Equipment</b> (WB & review q's) <b>Merrills Ch 25, p 25-37, 70-72</b>
6	3/19	<b>Exam #1 QA, QC &amp; Specials</b> <b>Equipment &amp;</b> <b>Begin Fluoro Review</b> <b>DSA Lecture</b>	<b>Bushong Ch. 27</b> (WB & review questions)  <b>REPORT: DRAFT #1 DUE</b> See guidelines
7	3/26	Lecture: (DSA) & Digital Fluoro Digital Fluoroscopy & Subtraction	<b>Bushong Ch. 27</b> (WB & review questions)
8	4/2	<b>Fluoroscopy, RP Review</b> <b>–RHB SYLLABUS</b> <b>Radiation Protection &amp;</b> <b>FLURO REVIEW</b>	Bring Fluoro notes & RHB syllabus <b>Statkewicz Rad Prot Book</b>  Review <b>Bushong Ch. 37, 39 &amp; 40</b>

SPRING BREAK APRIL 7 – 15, 2012

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**"ADVANCED IMAGING/SPECIAL PROCEDURES & FLUOROSCOPY REVIEW"**

Course Schedule: Weeks 9 – 16  
 Mondays 10:30 – 12:30 in Phys 116

**D. Charman, M.Ed., RT(R)**

Web page: [www.elcamino.edu/faculty/dcharman](http://www.elcamino.edu/faculty/dcharman)

		CLASS SCHEDULE	See WEB PAGE for presentations READING* ASSIGNMENTS
9	4/16	Radiation Protection & FLUORO REVIEW	Bring Fluoro notes & RHB syllabus Statkewicz Rad Prot Book Review Bushong Ch. 37, 39 & 40  <b>REPORT: DRAFT #2 DUE</b>
10	4/23	Lecture: Digital Radiography Review DIGITAL Imaging ASRT Terminology  ODIA – Assignment: Module # _____	Carter Digital & PACS – Ch. 8,11 &12 (Review Ch. 1, 4, 5, 6, & 7 ) ASRT Terminology Homework (web)
11	4/30	Lecture: Digital Radiography  QUIZ 2 – Digital & Fluoro	Continue Digital Bushong Review Ch 25, 26, 28 & 29
12	5/07	<b>STUDENT RESEARCH PRESENTATIONS</b>	<b>ALL written reports &amp; Oral Presentations due on CD or Flash By 8:00 am today</b>
13	5/14	<b>STUDENT RESEARCH PRESENTATIONS</b>	Submit a first draft of your Resume via Email by 5/14
14	5/21	<b>Finish STUDENT RESEARCH PRESENTATIONS</b> RESUME WRITING & Interviews	
15	5/28	<b>HOLIDAY</b>	Study for Final Exam
16	6/04	<b>FINAL EXAM (200 Q's)</b> <b>ODIA Modules DUE</b>	Fluoro, Rad Protection, Digital & Specials Equipment  <b>Submit Final Resume</b>

*This schedule is subject to change - to best meet student needs and curri*