FLORIDA STATE COLLEGE

AT JACKSONVILLE

2014-2015 College Curriculum Course Outline Review Process Signature Page
(Excluding Continuing Education Courses)

Please return a copy of this signed form along with any additional required information to Naomi Sleap at nsleap@fscj.edu when finalized. The original signed signature page should be sent to Curriculum Services - Administrative Offices - 301P.

Date: April 28, 2015

Course Prefix and Number: RTE 1110, 1418c, 1503c, 1613, 18041, 1457c, 1513c, 1623, 18141, 18241, 2782, 18341, 2061, 18441.

(If all courses under a prefix are minor changes, please submit one signature page and include all edited outlines.)

Course Title: Radiography

Originator(s): Thomas A. Graham

Campus: North

Phone Number: 904 766 6667

Note: The changes must be reflected on the official course outline files located at:
- College Credit Course Outlines: http://www1.fscj.edu/curriculum/credit/index.html
- Workforce Course Outlines: http://www1.fscj.edu/curriculum/workforce/index.html
- Adult Education Course Outlines: http://www1.fscj.edu/curriculum/adulted/index.html
- Apprenticeship Outlines: http://www1.fscj.edu/curriculum/apprenticeship/index.html
- Applied Academics for Adult Education Outlines (P/C Vocational Preparatory Instruction): http://www1.fscj.edu/curriculum/app/academic/adulted/index.html
- Developmental Education Outlines (P/C) College Preparatory: http://www1.fscj.edu/curriculum/deved/index.html

PLEASE CHECK ONE OF THE FOLLOWING:

☐ Outline reviewed, no change required.
☐ Major change required.
☐ Major revision required. (*Additional Signatures are required for major outline changes.)
☐ Request for Course Inactivation. (*Additional Signatures are required for course inactivation.)

Will the course be replaced and if so with what course:

☐

Faculty Discipline Committee Chairperson
4/29/15

Program Manager and/or Dean
4/29/15

Appropriate Associate Vice President or Executive Dean

College Curriculum Committee Chairperson (major/inactivation changes only)

Vice President of the College (major/inactivation changes only)

Based on APM 09-0201, Instructional Consistency: Official course outlines shall be reviewed by a collegewide discipline committee on a minimum three-year cycle and shall be updated as necessary. Major revisions to course outlines shall be approved through the Curriculum Approval Process.

(Original on file in Curriculum Services)
FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: RTE 1513C
COURSE TITLE: Radiographic Procedures II
PREREQUISITE(S): RTE 1503C
COREQUISITE(S): None
CREDIT HOURS: 3
CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion: 2
Laboratory: 1
Other ____________:

FACULTY WORKLOAD POINTS: 2.8

STANDARDIZED CLASS SIZE ALLOCATION: 24 (1 - 12 lab)

CATALOG COURSE DESCRIPTION: This course is a continuation of Radiographic Procedures I for positioning the patients anatomical structures relative to the X-ray beam and image receptor. It emphasizes procedures for skull examinations. Contrast studies of internal organs, radiographic anatomy, pathology, film critique, and laboratory practicum are included.

SUGGESTED TEXT(S):


IMPLEMENTATION DATE: Spring Term, 1998 (983)

REVIEW OR MODIFICATION DATE:

Fall Term, 2002 (20031)
Fall Term, 2008 (20091) - Outline Review 2007
Spring Term, 2015 (20142)
COURSE TOPICS

I. Positioning Skull (Cranium)  
   A. Lateral  
   B. PA/AP  
   C. AP Axial/Grashey Method (Townes)  
   D. PA Axial/Haas Method  
   E. Cranial Base  
   F. Axiolateral/Lysholm Method  
   G. PA Axial/Valdini Method  
   H. Sella Turcica

II. Positioning (Facial Bones)  
   A. Facial Bones  
   B. Nasal Bones  
   C. Zygomatic Arches  
   D. Tempromandibular Joints (TMJ)  
   E. Mandible  
   F. Orbit  
   G. Optic Foramen  
   H. Sphenoid Strut  
   I. Superior Orbital Fissures  
   J. Inferior Orbital Fissures  
   K. Mastoids  
   L. Petrous Portion  
   M. Temporal Styloid Processes  
   N. Jugular Foramina  
   O. Hypoglossal Canal  
   P. Sinuses  
   Q. Maxillae  
   R. Orbital Foreign Body  
   S. Dacrocystrography

III. Positioning Urinary System  
   A. IVP  
   B. Cystogram  
   C. Cystourethrogram  
   D. Retrograde Pyelogram  
   E. Percutaneous Renal Puncture  
   F. Chainbead Cystourethrogram
<table>
<thead>
<tr>
<th>COURSE TOPICS (CONTINUED)</th>
<th>CONTACT HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV. Positioning Anterior Neck</td>
<td>.5</td>
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<tr>
<td>V. Positioning Salivary Glands</td>
<td>.5</td>
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<tr>
<td>A. Parotid</td>
<td></td>
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<tr>
<td>B. Submaxillary and Sublingual</td>
<td></td>
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<tr>
<td>VI. Localization of Foreign Bodies Within Orbit of the Eye</td>
<td>3</td>
</tr>
<tr>
<td>A. Preliminary Examination</td>
<td></td>
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<tr>
<td>B. Vogt Bone-Free Projections</td>
<td></td>
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<tr>
<td>C. Parallax Motion Method</td>
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<tr>
<td>D. Sweet Method</td>
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<tr>
<td>E. Pfeiffer-Comberg Method</td>
<td></td>
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<tr>
<td>F. Dacryocystrography</td>
<td></td>
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<tr>
<td>VII. Long Bone Measurement</td>
<td>2</td>
</tr>
<tr>
<td>A. Radiation Protection</td>
<td></td>
</tr>
<tr>
<td>B. Patient Position</td>
<td></td>
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<tr>
<td>C. Part Position</td>
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<tr>
<td>D. Joint Localization</td>
<td></td>
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<tr>
<td>E. X-Ray Tube</td>
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<tr>
<td>F. Exposures</td>
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<tr>
<td>VIII. Digestive System</td>
<td>11</td>
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<tr>
<td>A. Gall Bladder</td>
<td></td>
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<tr>
<td>B. Pancreas</td>
<td></td>
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<tr>
<td>C. Esophagus</td>
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<tr>
<td>D. Stomach &amp; Duodenum</td>
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<tr>
<td>E. Small Intestine</td>
<td></td>
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<tr>
<td>F. Large Intestine</td>
<td></td>
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<tr>
<td>IX. Circulatory System</td>
<td>4</td>
</tr>
<tr>
<td>A. Angiography</td>
<td></td>
</tr>
<tr>
<td>B. Cerebral Angiography</td>
<td></td>
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<tr>
<td>X. Lymphography</td>
<td>1</td>
</tr>
<tr>
<td>A. Purpose</td>
<td></td>
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<tr>
<td>B. Contrast Media</td>
<td></td>
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<tr>
<td>C. Dye Substance</td>
<td></td>
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<tr>
<td>D. Precautions</td>
<td></td>
</tr>
</tbody>
</table>
COURSE TOPICS (CONTINUED)

E. Injection Sites
F. Filming Procedure
G. Regions of Study

XI. Central Nervous System - Plain Radiographic Examinations

A. Myelography
B. Computed Tomography
C. Diskography
D. Chemonucleolysis
E. Magnetic Resonance Imaging
F. Cerebral Pneumonography/Ventriculography
G. Stereotactic Surgery

XII. Reproductive System

A. Female (2)
   1. Nongravid Patient
   2. Gravid Patient
B. Male (1)
   1. Seminal Ducts
   2. Prostate
LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

12.0 APPLY KNOWLEDGE OF ANATOMY, PHYSIOLOGY, POSITIONING AND RADIOGRAPHIC TECHNIQUES TO ACCURATELY DEMONSTRATE ANATOMICAL STRUCTURES ON A RADIOGRAPH OR OTHER IMAGING RECEPTOR -- The student will be able to:

12.01 Evaluate requisition for proper exam and/or patient.
12.02 Demonstrate knowledge of human anatomy, physiology, positioning and radiographic techniques to accurately demonstrate anatomical structures on a radiograph or other imaging receptor.
12.03 Position patient, utilizing body landmarks, to achieve the best demonstration of the affected body part by adjusting table, radiographic and/or fluoroscopic equipment, and image receptor using knowledge of anatomy, standard radiographic positions and departmental protocol.
12.04 To insure proper patient positioning during film exposure, use immobilization devices, when indicated, to prevent patient movement.
12.05 Give patient appropriate breathing instructions (e.g., inspiration, expiration) prior to making exposure.
12.06 When indicated, take scout radiograph(s) on trauma patients to determine the extent and nature of injury, and whether injury will permit standard examination procedures.
### Section 1

**COURSE PREFIX AND NUMBER:** RTE 1513C  
**SEMESTER CREDIT HOURS (CC):** 3  
**CONTACT HOURS (NCC):** ____  
**COURSE TITLE:** Radiographic Procedures II

### Section 2

**TYPE OF COURSE:** (Click on the box to check all that apply)  
- [ ] AA Elective  
- [ ] AS Required Professional Course  
- [ ] Collge Prep  
- [ ] AS Professional Elective  
- [ ] AAS Required Professional Course  
- [ ] Technical Certificate  
- [ ] Other ____  
- [ ] PSAV  
- [ ] Apprenticeship  
- [ ] General Education: (For General Education courses, you must also complete Section 3 and Section 8)

### Section 3 (If applicable)

**INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:**  
- [ ] Communications  
- [ ] Social & Behavioral Sciences  
- [ ] Mathematics  
- [ ] Natural Sciences  
- [ ] Humanities

### Section 4

**INTELLECTUAL COMPETENCIES:**  
- [ ] Reading  
- [ ] Speaking  
- [ ] Critical Analysis  
- [ ] Information Literacy  
- [ ] Quantitative Skills  
- [ ] Ethical Judgment  
- [ ] Scientific Method of Inquiry  
- [ ] Working Collaboratively

### Section 5

**STATE GENERAL EDUCATION LEARNING OUTCOME AREA**  
- [ ] Communication  
- [ ] Critical Thinking  
- [ ] Scientific and Quantitative Reasoning  
- [ ] Information Literacy  
- [ ] Global Sociocultural Responsibility

### Section 6

**LEARNING OUTCOMES**  

<table>
<thead>
<tr>
<th>Type of Outcome: Gen. Ed, Program, Course</th>
<th>METHOD OF ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Evaluate requisition for proper exam and/or patient</td>
<td>Program Written examination, demonstration, observation</td>
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<tr>
<td>- Demonstrate knowledge of human anatomy, physiology, positioning and radiographic techniques to accurately demonstrate anatomical structures on a radiograph or other imaging receptor.</td>
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<tr>
<td>- Position patient, utilizing body landmarks, to achieve the best demonstration of the affected body part by adjusting table, radiographic and/or fluoroscopic equipment, and image receptor using knowledge of anatomy, standard radiographic positions and...</td>
<td>Program Written examination, demonstration, observation</td>
</tr>
</tbody>
</table>

**NOTE:** Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.
To insure proper patient positioning during film exposure, use immobilization devices when indicated, to prevent patient movement.

Give patient appropriate breathing instructions (e.g. inspiration, expiration) prior to making exposure.

When indicated, take scout radiograph(s) on trauma patients to determine the extent and nature of injury, and whether injury will permit standard examination procedures.

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<th>Departmental Protocol</th>
<th>Program</th>
<th>Written Examination, Demonstration, Observation</th>
</tr>
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Section 7
Name of Person Completing This Form: Neal L. Henning / Thomas A. Graham  Date: 3/3/08; 2/26/15