



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title – Practicum I

Course Prefix and Number – RADR 1266

Department - Radiology

Division – Allied Health

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours # : Lecture hours# : Lab/other hours # 2:0:20

Equated Pay hours for course – 2.5

Course Catalog Description – Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

Prerequisites/Corequisites - Acceptance to Radiologic Technology Program.

| |
|--------------------------|
| List Lab/ Other Hours |
| Lab Hours 0 |
| Clinical Hours 0 |
| Practicum Hours 320 |
| Other (list) |

Approvals – the contents of this document have been reviewed and are found to be accurate.

| | | |
|--|-----------------------------------|-----------------|
| Prepared by Sharla Walker | Signature <i>Sharla Walker</i> | Date 9-10-07 |
| Department Head Sharla Walker | Signature <i>Sharla Walker</i> | Date 9-10-07 |
| Division Chair <i>L Leigh Ann Collins</i> | Signature <i>Lac</i> | Date 9-20-07 |
| Vice President <i>Dr. Ty Pate</i> | Signature <i>Ty Pate</i> | Date 9-26-07 |



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non lecture instruction):

1. Perform competencies for Thorax, Abdomen, and Upper Extremity
2. Practice examinations for the Gastrointestinal Tract and Urinary System

II. Course Learning Outcomes

| Course Learning Outcome | Method of Assessment |
|---|---|
| <p>Apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business industry.</p> | <p>Competency Sheets for the Thorax, Abdomen, and Upper Extremities.</p> <p>Student Clinical Evaluation Forms at the end of semester.</p> |

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Bontrager, Kenneth L., Barry T. Anthony, Textbook of Radiographic Positioning and Related Anatomy, Sixth Edition, The C.V. Mosby Company, 2005.

IV. Suggested Course Maximum - 18

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Hospital Radiology Department

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Clinical course grades are based on completion of the assigned portion of the Master List for the semester and the evaluation form filled out by the clinical instructor. The Master List competencies and the evaluation each count 50% of the total grade. For the Master List points are awarded based on percentage of assignment completed as follows:

- 90 - 100% of competencies = 50 points
- 80 - 89% of competencies = 45 points

70- 79% of competencies = 40 points
 60 - 69% of competencies = 35 points
 59% of competencies and below = 10 points

This does not include simulations. The student should still simulate any exam they have not completed. The number of simulations will be counted then divided by two. This number will be added to the number of completed competencies. Simulations will help your grade but are not considered equal to competencies.

A maximum of 95 points are possible on the evaluation form currently used. Points for this are assigned as follows:

| SCORE | | POINTS |
|--------------|---|--------|
| 90-95 | = | 50 |
| 84-89 | = | 45 |
| 78-83 | = | 40 |
| 72-77 | = | 35 |
| 71 and below | = | 10 |

The points from the Master List (competencies) and the evaluations are then added together and a final grade is assigned based on the following scale:

| | | | |
|----------------|---|--|---|
| 92 - 100 | = | | A |
| 91 - 83 | = | | B |
| 82 - 75 | = | | C |
| 74.9 and below | = | | F |

Clinical Behavior

Students need to display professional behavior at all times while attending clinical rotations. Any student removed from their clinic site due to behavioral problems will receive an automatic "F" in that clinical course resulting in immediate dismissal from the program.

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed
- **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:
 - Basic Intellectual Competencies
 - Perspectives
 - Exemplary Educational Objectives
- **WECM Courses**
Attach the following:
 - Program SCANS Matrix
 - Course SCANS Competencies Checklist

SCANS Matrix

| Program: Radiologic Technology CIP: 51.0911 | | | | | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|---|
| LIST ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES | | | | | | | | | |
| Competencies | | | | | | | | Course Number | Course Title |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 1201 | Introduction to Radiography |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 1202 | Patient Care |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 1411 | Basic Radiographic Procedures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | BIOL 2401 | Human Anatomy & Physiology I |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 2401 | Intermediate Radiographic Procedures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 1313 | Principles of Radiographic Imaging I |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 1266 | Practicum I |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | BIOL 2402 | Human Anatomy & Physiology II |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MATH 1314 | College Algebra |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 2305 | Principles of Radiographic Imaging II |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 1367 | Practicum II |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2309 | Radiographic Imaging Equipment |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 2217 | Pathology |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2431 | Advanced Radiographic Procedures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2266 | Practicum III |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ENGL 1301 | Composition I |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | PSYC 2301 | Psychology |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2333 | Advanced Medical Imaging |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | RADR 2313 | Radiation Biology & Protection |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 1371 | Enhanced Skills |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2267 | Practicum IV |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | Humanities or Performing Visual Arts Course |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2335 | Radiologic Technology Seminar |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | RADR 2366 | Practicum V |
| | | | | | | | | COMPETENCY REFERENCES | |
| | | | | | | | | 8 Basic use of computers | |
| | | | | | | | | 7 Workplace Competencies: resources; interpersonal skills; information; systems; and technology. | |
| | | | | | | | | 6 Personal Qualities: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty. | |
| | | | | | | | | 5 Thinking Skills: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively. | |
| | | | | | | | | 4 Speaking and Listening: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues. | |
| | | | | | | | | 3 Arithmetic or Mathematics: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques. | |
| | | | | | | | | 2 Writing: Communicate thoughts, ideas, information, and messages in writing, and | |

| | |
|--|--|
| | create documents such as letters, directions, manuals, reports, graphs, and flow charts. |
|--|--|

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|---|
| 1 Reading: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules. |
|---|



| Course Prefix & Number: RADR 1266;1367;2266;2267;2366 | |
|---|---|
| SCANS COMPETENCIES FOR THIS COURSE | |
| Competency | Method of Assessment |
| 1 READING: Locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules. | Clinical Comp .Form- Patient Request evaluated- Yes or No |
| 2 WRITING: Communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts. | |
| 3 ARITHMETIC OR MATHEMATICS: Perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques. | Clinical Comp. Form/ Proper Technical Values |
| 4 SPEAKING AND LISTENING: Organize ideas and communicate orally; receive, attend to, interpret, and respond to verbal messages and other cues. | Student Clinical Evaluation |
| 5 THINKING SKILLS: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively. | Student Clinical Evaluation Form/ Critical Thinking and Problem Solving |
| 6 PERSON QUALITIES: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty. | Student Clinical Evaluation Form/ Professional Ethics & Cooperation and Attitude |
| 7 WORKPLACE COMPETENCIES: resources; interpersonal skills; information; systems; and technology | Interperonal skills will be evaluated by Student Clinical Evaluation Form/ Cooperation and Attitude |
| 8 BASIC USE OF COMPUTERS | Master Competency List/ Digital Competencies |