**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 – Radiologic Technology/Science-Radiographer

**Course Prefix and Number** - RADR 1266

**Department** - Radiologic Technology

**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

**Equate 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/Co Requisites** - RADR 1201, 1303, and 1411 with a C or better.

**Prepared by** Sharla Walker  
**Date** 02/10/2014

**Reviewed by Department Head** Sharla Walker  
**Date** 02/10/2014

**Accuracy Verified by Division Chair** Carol Derkowski  
**Date** 7/24/14

**Approved by Dean or Vice President of Instruction** Amy LaPan  
**Date** 6/30/2014
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. Imaging
   a. Positioning considerations
   b. Technical considerations
   c. Image acquisition
   d. Image analysis
2. Utilization of Radiation protection
   a. Principles
   b. Equipment and accessories
3. Clinical Competency
   a. Chest
   b. Ribs
   c. Thumb/Finger
   d. Hand
   e. Wrist
   f. Forearm
   g. Elbow
   h. Humerus
   i. Shoulder
   j. C-Spine (Non-Trauma)
   k. Trauma C-Spine X-Table Lateral
   l. T-Spine
   m. L-Spine
   n. Pelvis
   o. Abdomen- 1 view
4. Observation
   a. Pediatrics
   b. Surgeries
   c. Portable exams

II. **Course Learning Outcomes**

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Methods of Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upon successful completion of this course, students will:</td>
<td>Final Course Grade derived from completion of the Master List of Clinical Objectives.</td>
</tr>
<tr>
<td>As outlined in the learning plan, 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 business/industry and will</td>
<td>Evaluation of student performance at clinical rotation- End of semester Evaluation.</td>
</tr>
</tbody>
</table>
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.

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

Radiology Uniforms/ Lab Coat

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

POLICY STATEMENT:

Each of the five practicum courses will require demonstration of competency in specific exams, either in actual patient situations or in simulation.

PROCEDURE:

The assignment to a specific clinical site is the decision of the Program Director only.

Prior to participation in the clinical setting, the student must submit to the Program Director a completed health form.

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. For the Master List, points are awarded based on the number of exams that are simulated as follows:

0-3 simulated exams = 70 points
4-5 simulated exams = 60 points
6 or more simulated exams = 40 points
**Simulations:**
Any exam not performed on a patient is considered a simulation. All simulations will be demonstrated to the instructor, by appointment only. This applies only to the freshmen students. Sophomore students will demonstrate simulations to the Clinical Instructors only, by appointment only. Simulations should be completed one week prior to the end of the semester.

The student should simulate any exam they have not completed. Simulations will not help the students’ grade and are not considered equal to competencies.

**Evaluations:**
A maximum of 100 points are possible on the evaluation form currently used. Students are evaluated by the clinical instructor twice a semester. Points for each evaluation are assigned as follows:

<table>
<thead>
<tr>
<th>Mid Semester Evaluation</th>
<th>Points</th>
<th>End of Semester Evaluation</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>92-100</td>
<td>15</td>
<td>92-100</td>
<td>15</td>
</tr>
<tr>
<td>83-91</td>
<td>12</td>
<td>83-91</td>
<td>12</td>
</tr>
<tr>
<td>75-82</td>
<td>9</td>
<td>75-82</td>
<td>9</td>
</tr>
<tr>
<td>74 below</td>
<td>3</td>
<td>74 below</td>
<td>3</td>
</tr>
</tbody>
</table>

The points from the Master List (competencies) will be added to the points from each evaluation and then all three scores 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

The master list of clinical objectives has undergone several revisions and will continue to do so in the future. The requirements for any one course will be clearly defined on the first day of that course.

**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**
If needed, revise the Program SCANS Matrix & Competencies Checklist.