

MASTER SYLLABUS

Course Discipline Code & No: RAD 217 Title: Clinical Education Effective Term Fall 2009
 Division Code: HAT Department Code: RAD Org #: 15600
 Don't publish: College Catalog Time Schedule Web Page

Reason for Submission. Check all that apply.
 New course approval Reactivation of inactive course
 Three-year syllabus review/Assessment report Inactivation (Submit this page only.)
 Course change

Change information: Note all changes that are being made. Form applies only to changes noted.

Consultation with all departments affected by this course is required. Total Contact Hours (total contact hours were: _____)
 Course discipline code & number (was _____)* Distribution of contact hours (contact hours were:
 *Must submit inactivation form for previous course. lecture: _____ lab _____ clinical _____ other _____)
 Course title (was _____) Pre-requisite, co-requisite, or enrollment restrictions
 Course description Change in Grading Method
 Course objectives (minor changes) Outcomes/Assessment
 Credit hours (credits were: _____) Objectives/Evaluation
 Other _____

Rationale for course or course change. Attach course assessment report for existing courses that are being changed.
 Changes will reflect changes in other classes within the radiography program and changes in the field of radiography.

Approvals Department and divisional signatures indicate that all departments affected by the course have been consulted.

Department Review by Chairperson New resources needed All relevant departments consulted

Print: James N Skufis Signature [Signature] Date: 7/7/09
 Faculty/Preparer
 Print: Connie Foster Signature [Signature] Date: 7/13/09
 Department Chair

Division Review by Dean
 Request for conditional approval
 Recommendation Yes No [Signature] Date: 7/13/09
 Dean's/Administrator's Signature

Curriculum Committee Review
 Recommendation Yes No [Signature] Date: 9/24/09
 Tabled Yes No Curriculum Committee Chair's Signature

Vice President for Instruction Approval
[Signature] Date: 9/29/09
 Vice President's Signature
 Approval Yes No Conditional

Do not write in shaded area.
 Log File 7/12/09 Copy Banner NO C&A Database 10/8 C&A Log File 10/8/09 Basic skills Contact fee KC

Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

***Complete ALL sections which apply to the course, even if changes are not being made.**

Course: RAD 217	Course title: Clinical Education
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Credit hours: <u> 3 </u> If variable credit, give range: _____ to _____ credits	Contact hours per semester: <table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center; border-bottom: 1px solid black;">Student</td> <td style="text-align: center; border-bottom: 1px solid black;">Instructor</td> </tr> <tr> <td>Lecture:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Lab:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Clinical:</td> <td style="text-align: center;">336</td> <td>_____</td> </tr> <tr> <td>Practicum:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Other:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Totals:</td> <td style="text-align: center;">336</td> <td>_____</td> </tr> </table>		Student	Instructor	Lecture:	_____	_____	Lab:	_____	_____	Clinical:	336	_____	Practicum:	_____	_____	Other:	_____	_____	Totals:	336	_____	Are lectures, labs, or clinicals offered as separate sections? <input type="checkbox"/> Yes - lectures, labs, or clinicals are offered in separate sections <input checked="" type="checkbox"/> No - lectures, labs, or clinicals are offered in the same section	Grading options: <input type="checkbox"/> P/NP (limited to clinical & practica) <input type="checkbox"/> S/U (for courses numbered below 100) <input checked="" type="checkbox"/> Letter grades
	Student	Instructor																						
Lecture:	_____	_____																						
Lab:	_____	_____																						
Clinical:	336	_____																						
Practicum:	_____	_____																						
Other:	_____	_____																						
Totals:	336	_____																						

Prerequisites. Select one:

College-level Reading & Writing
 Reduced Reading/Writing Scores (Add information at Level I prerequisite)
 No Basic Skills Prerequisite (College-level Reading and Writing is not required.)

In addition to Basic Skills in Reading/Writing:

Level I (enforced in Banner)

Course	Grade	Test	Min. Score	Concurrent Enrollment <small>(Can be taken together)</small>	Corequisites <small>(Must be enrolled in this class also during the same semester)</small>
<u> RAD 150 </u>	<u> "C-" </u>	_____	_____	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/> and <input type="checkbox"/> or _____	_____	_____	_____	<input type="checkbox"/>	_____
<input type="checkbox"/> and <input type="checkbox"/> or _____	_____	_____	_____	<input type="checkbox"/>	_____
<input type="checkbox"/> and <input type="checkbox"/> or _____	_____	_____	_____	<input type="checkbox"/>	_____

Level II (enforced by instructor on first day of class)

Course	Grade	Test	Min. Score
_____	_____	_____	_____
<input type="checkbox"/> and <input type="checkbox"/> or _____	_____	_____	_____
<input type="checkbox"/> and <input type="checkbox"/> or _____	_____	_____	_____

Enrollment restrictions (In addition to prerequisites, if applicable.)

and or Consent required
 and or Admission to program required
 and or Other (please specify): _____
 Program: _____

Please send syllabus for transfer evaluation to:
 Conditionally approved courses are not sent for evaluation.
 Insert course number and title you wish the course to transfer as.

<input type="checkbox"/> E.M.U. as _____	<input type="checkbox"/> _____ as _____
<input type="checkbox"/> U of M as _____	<input type="checkbox"/> _____ as _____
<input type="checkbox"/> _____ as _____	<input type="checkbox"/> _____ as _____

MASTER SYLLABUS

<p>Course RAD 217</p>	<p>Course title Clinical Education</p>	
<p>Course description State the purpose and content of the course. Please limit to 500 characters.</p>	<p>This course provides structured clinical experience in the application of knowledge and skill in positioning the skull and related anatomy. This course continues the discussion of professional ethics, courtesy and empathy in handling patients, radiation safety, film processing/imaging plate (IP) handling and image archiving, and radiographic equipment.</p>	
<p>Course outcomes List skills and knowledge students will have after taking the course.</p> <p>Assessment method Indicate how student achievement in each outcome will be assessed to determine student achievement for purposes of course improvement.</p>	<p>Outcomes (applicable in all sections)</p> <p>Properly use radiographic equipment to obtain diagnostic images of the skull and facial bones.</p>	<p>Assessment Methods for determining course effectiveness</p> <p>Simulation exams.</p>
<p>Course Objectives Indicate the objectives that support the course outcomes given above.</p> <p>Course Evaluations Indicate how instructors will determine the degree to which each objective is met for each student.</p>	<p>Objectives (applicable in all sections)</p> <p>Manipulate the patient and/or body part into the correct position to obtain satisfactory images of the skull and facial bones.</p> <p>Direct the central ray to the appropriate centering point.</p> <p>Maneuver tube into detent and other locking positions for taking images of the skull and facial bones.</p> <p>Place X-Ray tube at appropriate SID according to procedure.</p>	<p>Evaluation Methods for determining level of student performance of objectives</p> <p>Utilizing the equipment at the clinical site, students will manipulate the patient and equipment to produce diagnostic images of the skull and facial bones on simulated patients in the clinical setting.</p> <p>Utilizing the equipment at the clinical site, students will center the central ray correctly to produce diagnostic images of the skull and facial bones on simulated patients in the clinical setting.</p> <p>Utilizing the equipment at the clinical site, students will put equipment into detent lock positions to produce diagnostic images of the skull and facial bones on simulated patients in the clinical setting.</p> <p>Utilizing the equipment at the clinical site, students will put equipment at the correct SID to produce diagnostic images of the skull and facial bones on simulated patients in the clinical setting.</p>
<p>List all new resources needed for course, including library materials.</p> <p>None</p>		

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Student Materials:

List examples of types		Estimated costs
Texts	<u>The Pocket Rad Tech.</u> Mary J. Hagler. W.B. Saunders Company, 1999.	\$ 42.00
Supplemental reading	Scrub Uniforms	31.00
Supplies	White Lab Coat	26.00
Uniforms	WCC ID Badge and WCC Radiography Patch	<u>12.00</u>
Equipment		\$111.00 total
Tools		
Software		

Equipment/Facilities: Check all that apply. (All classrooms have overhead projectors and permanent screens.)

Check level only if the specified equipment is needed for all sections of a course.

<input type="checkbox"/> Level I classroom Permanent screen & overhead projector	<input type="checkbox"/> Off-Campus Sites
<input type="checkbox"/> Level II classroom Level I equipment plus TV/VCR	<input type="checkbox"/> Testing Center
<input type="checkbox"/> Level III classroom Level II equipment plus data projector, computer, faculty workstation	<input type="checkbox"/> Computer workstations/lab
	<input type="checkbox"/> ITV
	<input type="checkbox"/> TV/VCR
	<input type="checkbox"/> Data projector/computer
	<input type="checkbox"/> Other _____

Assessment plan:

Learning outcomes to be assessed (list from Page 3)	Assessment tool	When assessment will take place	Course section(s)/other population	Number students to be assessed
Properly use radiographic equipment to obtain diagnostic images of the skull and facial bones.	Simulation exams	Fall 2009 and every three years thereafter	Random selection from each section from past three years	Approximately 30

Scoring and analysis of assessment:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric.

Item analysis from the course simulations of the five primary views of the skull and facial bones—the PA Caldwell, Townes, Lateral, Waters, and SMV. Simulation and scoring rubric attached.

2. Indicate the standard of success to be used for this assessment.

Eighty-five percent of students will score an average of 95% or better on rubric.

3. Indicate who will score and analyze the data.

Radiography program faculty

4. Explain the process for using assessment data to improve the course.

The results can be used in the program assessment report and will be reviewed by the department faculty in a departmental meeting.