# http://www.ric.edu/webcommunications/images/SealWithText_Small_Black.pngUNDERGRADUATE CURRICULUM COMMITTEE (UCC)PROPOSAL FORM

## Cover page scroll over blue text to see further important [instructions](#instructions): [if not working select “COMMents on rollover” in your Word preferences under view] **please read these.**

**N.B. ALL numbered categories in section (A) must be completed. Please do not use highlight to select choices within a category but simply delete the options that do not apply to your proposal (e.g. in A.2 if this is a course revision proposal, just delete the creation and deletion options and the various program ones, so it reads “course revision”) Do not delete any of the numbered categories—if they do not apply leave them blank. If there are no resources impacted please put “none” in each A. 7 category.**

|  |  |  |
| --- | --- | --- |
| A.1. [Course or program](#Proposal) | **RAD 437 Radiographic Mammography** |  |
| [Replacing](#Ifapplicable)  |  |
| A. 1b. Academic unit | **Faculty of Arts and Sciences**  |  |
| A.2. [Proposal type](#type) | **Course: creation** |  |
| A.3. [Originator](#Originator) | **Eric Hall** | [Home department](#home_dept) | **Biology/Health Sciences** |
| A.4. [Context and Rationale](#Rationale) Note: Must include additional information in smart tip for all [new programs](#type) | **Radiographic Mammograms are an extremely important screening and diagnostic tool for detecting and diagnosing breast cancers. Radiographers seeking to specialize in mammography usually complete their basic radiographer’s certification and licensure, then enter into a supplemental program to earn the mammography certification.****This course offers students who are already certified the opportunity to earn the mammography certification. It is also available as an elective for senior radiography students in our BS in Medical Imaging program to complete their degree with dual certifications in radiography and mammography.**  |
| A.5. [Student impact](#student_impact)Must include to explain why this change is being made? | **Increased availability of this important credential. This course may be offered as RAD 437C through the PSCE office to enable previously licensed radiographers to earn the mammography certification.** |
| A.6. [Impact on other programs](#impact)  | **None** |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty):  | **Course will be taught by Lifespan School of Medical Imaging faculty.** |
| [*Library*:](#library) | **None** |
| [*Technology*](#technology) | **Technological simulation and education is supplied by the Lifespan School of Medical Imaging** |
| [*Facilities*](#facilities): | **No RIC facilities will be impacted.** |
| A.8. [Semester effective](#Semester_effective) | **Fall 2023** | A.9. [Rationale if sooner than next Fall](#Semester_effective) |  |
| A.10. INSTRUCTIONS FOR CATALOG COPY: Use the Word copy versions of the catalog sections found on the UCC Forms and Information page. Cut and paste into a single file **ALL the relevant pages from the college catalog that need to be changed.** Use tracked changes feature to show how the catalog will be revised as you type in the revisions. If totally new copy, indicate where it should go in the catalog. If making related proposals a single catalog copy that includes all changes is preferred. Send catalog copy as a separate single Word file along with this form. |
| A.11. List here (with the relevant urls), any RIC website pages that will need to be updated (to which your department does not have access) if this proposal is approved, with an explanation as to what needs to be revised: |
| A. 12 **Check to see if your proposal will impact any of our** [**transfer** **agreements,**](file:///C%3A%5CUsers%5Cehall%5CDownloads%5Ctransfer%20agreements) **and if it does explain in what way. Please indicate clearly what will need to be updated.** |
| A. 13 Check the section that lists “Possible NECHE considerations” on the UCC Forms and Information page and if any apply, indicate what that might be here and contact Institutional Research for further guidance. |

B. [NEW OR REVISED COURSES](#delete_if)  **Delete section B if the proposal does not include a new or revised course. As in section A. do not highlight but simply delete suggested options not being used. Always fill in b. 1 and B. 3 for context. NOTE: course learning outcomes and topical outlines only needed for new or substantially revised courses.**

|  | Old ([for revisions only](#Revisions))ONLY include information that is being revised, otherwise leave blank.  | NewExamples are provided within some of the boxes for guidance, delete just the examples that do not apply. |
| --- | --- | --- |
| B.1. [Course prefix and number](#cours_title)  |  | **RAD 437** |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title)  |  | **Radiographic Mammography** |
| B.4. [Course description](#description)  |  | **Students will learn mammographic patient care, image production, and procedures required for the ARRT Registry Exam in Mammography. The course outline will follow the ARRT structured education requirements for mammography.** |
| B.5. [Prerequisite(s)](#prereqs) |  | **Licensure as a radiographic technologist or current enrollment in RAD 435.** |
| B.6. [Offered](#Offered) |  | **Fall | Spring |**  |
| B.7. [Contact hours](#contacthours)  |  | **3** |
| B.8. [Credit hours](#credits) |  | **3**  |
| B.9. [Justify differences if any](#differences) |  |
| B.10. [Grading system](#grading)  |  | **Pass/Fail** |
| B.11. [Instructional methods](#instr_methods) | **|**  | **Lecture**  |
| B.11.a [Delivery Method](#instr_methods) |  | **On campus**  |
| B.12. CATEGORIES 12. a. [How](#required) to be used |  | **Required for Certification, elective for major** |
|  12 b. Is this an Honors  course? |  | **NO** |
|  12. c. [General Education](#ge) N.B. Connections must include at  least 50% Standard Classroom instruction. |  | **NO** **category:** |
|  12. d. Writing in the  Discipline (WID) |  | **NO** |
| B.13. [How will student performance be evaluated?](#performance) |  | **Attendance | Exams |**  |
| B.14 [Recommended class-size](#class_size" \o "Check appendix XVIII in the UCC Manual for Best Practices) |  | **12** |
| B.15. [Redundancy statement](#competing) |  |  |
| B. 16. Other changes, if any |  |

| B.17**.** [**Course learning outcomes**](#outcomes)**: List each one in a separate row** | [**Professional Org.Standard(s)**](#standards)**, if relevant** | [**How will each outcome be measured**](#measured)**?** |
| --- | --- | --- |
| Principles of Patient CarePositioning for Screening MammographyMastering Imaging Evaluation Breat and Thoracic Anatomy and PhysiologyDetailed Positioning and dealing with implantsIdentifying pathologiesSpecial Patients and situationsMastering the specialized equipmentQuality Assurance and control |  | QuizPractice positioning and quizQuizQuizQuizQuizQuiz and practiceQuizQuiz |

|  |
| --- |
| 1. Patient Care
	1. Introduction
2. Patient Care

a) continuing basic principlesb) quiz1. Patient Care
	1. Screening Mammography
	2. Positioning – CC, MLO, NP, AC
	3. Patient care examination
2. Mammographic Technique
	1. Image Evaluation
	2. Quiz
3. Anatomy and Physiology
	1. Cross sectional and imaging anatomy
	2. Quiz on anatomy and physiology
4. Positioning

a)XCCMb)XCCLc)MLd) LMe) CVf) Implants7) Pathology a) Mammographic Appearance8) Pathology 2 a) reporting terminology9) Pathology 3 a) Benign, high risk and malignant10) Diagnostic Mammography a) Positioning b) rolled views, spot compression, magnification, tangential, axillary tail11) Special patient situations a) Breast ultrasound b) Breast MRI c) Sentinel node mapping d) interventional procedures12) The Mammography Unit a)Digital acquisition display b) Informatics13) Quality Assurance and Evaluation14) Quality Control15) Final Review and Final Exam |
|  |

## D. Signatures

* **Changes that affect General Education in any way MUST be approved by ALL Deans and COGE Chair**.
* Changes that directly impact more than one department/program MUST have the signatures of all relevant department chairs, program directors, and their relevant dean (e.g. when creating/revising a program using courses from other departments/programs). Check UCC manual 4.2 for further guidelines on whether the signatures need to be approval or acknowledgement.
* Proposals that do not have appropriate approval signatures will not be considered.
* Type in name of person signing and their position/affiliation.
* Send electronic files of this proposal and accompanying catalog copy to curriculum@ric.edu to the current Chair of UCC. Check UCC website for due dates. Do NOT convert to a .pdf.

##### D.1. Approvals: required from programs/departments/deans who originate the proposal. THESE may include multiple departments, e.g., for joint/interdisciplinary proposals.

| Name | Position/affiliation | [Signature](#_Signature" \o "Insert electronic signature, if available, in this column) | Date |
| --- | --- | --- | --- |
| Eric Hall | Program Director of Medical Imaging | \*approved by email | 3/8/2023 |
| Dana Kolibachuk | Chair of Biology | \*approved by email | 3/30/23 |
| Earl Simson | Dean of FAS | \*approved by email | 3/30/23 |

##### D.2. [Acknowledgements](#acknowledge): REQUIRED from OTHER PROGRAMS/DEPARTMENTS (and their relevant deans if not already included above) that are IMPACTED BY THE PROPOSAL. SIGNATURE DOES NOT INDICATE APPROVAL, ONLY AWARENESS THAT THE PROPOSAL IS BEING SUBMITTED. CONCERNS SHOULD BE BROUGHT TO THE UCC COMMITTEE MEETING FOR DISCUSSION; all faculty are welcome to attend.

| Name | Position/affiliation | [Signature](#Signature_2) | Date |
| --- | --- | --- | --- |
| Jenifer Giroux | VP of Corporate Relations and Professional Studies | \*acknowledged by email | 3/30/23 |
|  |  |  |  |
|  |  |  | Tab to add rows |