# 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. DO NOT USE HIGHLIGHT, where choices are given within categories, please DELETE those THAT DO NOT APPLY TO YOUR PROPOSAL. Do not delete numbered categories.**

**ALL numbers in section (A) to be completed, including the impact ones (#5-7), put “none” if that is the case.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A.1. [Course or program](#Proposal) | **MEDI 203 COMPLETE Introduction to Medical Imaging** | | | |  |
| [Replacing](#Ifapplicable) |  | | | |
| 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) | **With a new revision to all of the medical imaging programs, we are creating a new set of core courses using the MEDI prefix that will extend the coverage of the older MEDI 202 (MEDI 202 will be deleted at a future date once the revised programs are running).**  **MEDI 203 will be an interprofessional introduction to the use of medical imaging’s various modalities in the modern health care environment.** | | | | |
| A.5. [Student impact](#student_impact) | **Improved understanding of all modalities.** | | | | |
| A.6. [Impact on other programs](#impact) | **None** | | | | |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty): | **None. Course will be taught by LSMI faculty** | | | |
| [*Library*:](#library) | **None** | | | |
| [*Technology*](#technology) | **None** | | | |
| [*Facilities*](#facilities): | **This course may require a 60 capacity classroom** | | | |
| A.8. [Semester effective](#Semester_effective) | **Fall 2020** | A.9. [Rationale if sooner than next Fall](#Semester_effective) | |  | |
| A.10. INSTRUCTIONS FOR CATALOG COPY: This single file copy must include ALL relevant pages from the college catalog, and show how the catalog will be revised. (1) Go to the “Forms and Information” page on the UCC website. Scroll down until you see the Word files for the current catalog. (2) Download ALL catalog sections relevant for this proposal, including course descriptions and/or other affected programs. (3) Place ALL relevant catalog copy into a single file. Put page breaks between sections and **delete any catalog pages not relevant for this proposal**. (4) Using the track changes function, revise the catalog pages to demonstrate what the information should look like in next year’s catalog. (5) Check the revised catalog pages against the proposal form, especially making sure that program totals are correct if adding/deleting course credits. If new copy, indicate where it should go in the catalog. If making related proposals a single catalog copy that includes all is acceptable. Send as a separate single file along with this form. | | | | | |

B. [NEW OR REVISED COURSES](#delete_if)  **DO NOT use highlight. Do not delete numbered categories, just leave blank if they do not apply. Delete this whole page if the proposal does not include a new or revised course. Always fill in b. 1 and B. 3 for context.**

|  | Old ([for revisions only](#Revisions)) ONLY include information that is being revised, otherwise leave blank. | New Examples 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) |  | **MEDI 203** |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title) |  | **Complete Introduction to Medical Imaging** |
| B.4. [Course description](#description) |  | **Students learn about the history of imaging, discovery of x-rays, and the specialties. Student’s time-management, safety and professional ethics will be emphasized.** |
| B.5. [Prerequisite(s)](#prereqs) |  | **Acceptance into a Medical Imaging Clinical program** |
| B.6. [Offered](#Offered) |  | **Fall** |
| B.7. [Contact hours](#contacthours) |  | **3** |
| B.8. [Credit hours](#credits) |  | **3** |
| B.9. [Justify differences if any](#differences) |  | |
| B.10. [Grading system](#grading) |  | **Letter grade** |
| B.11. [Instructional methods](#instr_methods) |  | **| Lecture** |
| B.12.[Categories](#required) |  | **Required for major** |
| B.13. Is this an Honors course? |  | **NO** |
| B.14. [General Education](#ge)  N.B. Connections must include at least 50% Standard Classroom instruction. |  | **NO |**  **category:** |
| B.15. [How will student performance be evaluated?](#performance) |  | **Attendance | Class participation | Exams |** |
| B.16 [Recommended class-size](#class_size" \o "Check appendix XVIII in the UCC Manual for Best Practices) |  | **25-60** |
| B.17. [Redundancy statement](#competing) |  | **N/A** |
| B. 18. Other changes, if any |  | |

| B.19**.** [**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)**?** |
| --- | --- | --- |
| * Learn appropriate methods of responding and caring for patients in the medical imaging department. * Demonstrate knowledge of research methods related to the health sciences. * Differentiate the systems of ethics, law, and morals. * Learn effective methods of oral and written communication. * Demonstrate comprehension with the use of informatics within healthcare, specifically in imaging. |  | * Class participation and demonstrations, quizzes, and tests. * Completion of a research abstract exercise. * Class participation, quizzes, and tests. * Written assignments and oral communications in class and the class presentation. * Class participation, quizzes, and tests. |

| B.20. [**Topical outline**](#outline)**: DO NOT INSERT WHOLE SYLLABUS, JUST A TWO-TIER TOPIC OUTLINE. Proposals that ignore this request will be returned for revision.** |
| --- |
| 1. The health professions    1. Imaging modalities    2. Post-graduate professions    3. Other health care professions 2. The health care environment    1. Health care settings    2. Payment/reimbursement systems 3. Hospital organization    1. Mission    2. Administrative services    3. Medical services 4. Organization    1. Professional personnel    2. Support personnel    3. Education personnel 5. Accreditation    1. Health care institutions    2. Modalities    3. Educational 6. Regulatory agencies    1. Federal and state    2. MRI safety    3. Radiation safety 7. Professional credentialing    1. National certification and registration    2. State licensure 8. Professional organizations    1. Purpose, function, and activities    2. Types 9. Professional development and advancement    1. Required    2. Clinical experience    3. Continuing education opportunities    4. Employment considerations    5. Advancement opportunities 10. Ethics and ethical behavior     1. Code of professional ethics 11. Ethical issues in health care     1. Cultural considerations     2. Radiologic-specific 12. Legal issues     1. Parameters of legal responsibility     2. HIPAA     3. Torts 13. Legal doctrines and standards     1. Legal risk reduction and risk management     2. Medical records 14. Patient consent     1. Definition     2. Types     3. Condition for valid consent     4. Documentation of consent     5. Right of refusal 15. Pharmacology     1. Drug nomenclature and classification     2. General principles     3. Drug categories relevant to imaging     4. Introduction to contrast agents     5. Routes of drug administration     6. Venipuncture     7. Current practice status |

## 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](mailto:curriculum@ric.edu) and a printed signature copy of this whole form to the current Chair of UCC. Check UCC website for due dates.

##### D.1. Approvals: required from programs/departments/deans who originate the proposal. 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 | e-mail confirmation to curriculum@ric.edu | 4/1/2020 |
| Eric Roberts | Chair of Biology | e-mail confirmation to curriculum@ric.edu | 4/1/2020 |
| Earl Simson | Dean of FAS | e-mail confirmation to curriculum@ric.edu | 4/6/2020 |

##### 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 |
| --- | --- | --- | --- |
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|  |  |  | Tab to add rows |