# 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. 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 ever delete any of the numbered categories—if they do not apply leave them blank. ALL numbered categories in section (A) must be completed. If there are no resources impacted it is okay to put “none” in A. 7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A.1. [Course or program](#Proposal) | **Cis/CSCI 416 – Web design** | | | |  |
| [Replacing](#Ifapplicable) | **CIS/CSCI 416 – Human-Computer Interaction Design** | | | |
| A. 1b. Academic unit | **Faculty of Arts and Sciences** | | | |  |
| A.2. [Proposal type](#type) | **Course: revision** | | | |  |
| A.3. [Originator](#Originator) | **Sally Hamouda** | [Home department](#home_dept) | **Computer Science and Information Systems** | | |
| A.4. [Context and Rationale](#Rationale)  Note: Must include this additional information for all [new programs](#type) | **Propose updating CIS/CSCI 416 –Human-Computer Interaction Design to meet industry needs and to be part of the newly created web development minor starting Fall 2021. Updating the description, and the new title will be Web Design.**  **This updated course will be accessible to students of any major. Students will require only basic programming skills to take it, and so we would also like to change its prerequisites to the simpler CSCI 157 or CIS 301 to make it more accessible.**  **Also change when offered from “as needed” to Spring to better allow students to plan when to take it.** | | | | |
| A.5. [Student impact](#student_impact) | **Students gain the opportunity to learn how to design websites. Designing websites using recent technologies is needed for industry.** | | | | |
| A.6. [Impact on other programs](#impact) | **CSCI uses this course as an elective requirement in its programs so the title will need updating there.** | | | | |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty): | **none** | | | |
| [*Library*:](#library) | **none** | | | |
| [*Technology*](#technology) | **none** | | | |
| [*Facilities*](#facilities): | **none** | | | |
| A.8. [Semester effective](#Semester_effective) | **Fall 2021** | 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 preferred. Send catalog copy as a separate single Word file along with this form. | | | | | |

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.**

|  | 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) | **CIS/CSCI 416** |  |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title) | **Human-Computer Interaction Design** | **Web Design** |
| B.4. [Course description](#description) | Introduces students to fundamental concepts and techniques in the design, implementation and evaluation of user interfaces for computers, smart phones and other devices. Students cannot receive credit for both CIS 416 and CSCI 416. | Students are introduced to concepts, issues and techniques related to designing website interfaces using a variety of tools. Study includes HTML, CSS, and JavaScript.  Students cannot receive credit for both CIS 416 and CSCI 416. |
| B.5. [Prerequisite(s)](#prereqs) | CIS 252 or CIS 352, CSCI 212, or CSCI 315. | CSCI 157 or CIS 301. |
| B.6. [Offered](#Offered) | **As Needed** | **Spring** |
| B.7. [Contact hours](#contacthours) |  |  |
| B.8. [Credit hours](#credits) |  |  |
| B.9. [Justify differences if any](#differences) |  | |
| B.10. [Grading system](#grading) |  |  |
| B.11. [Instructional methods](#instr_methods) |  |  |
| B.11.a [Delivery Method](#instr_methods) |  |  |
| B.12.[Categories](#required) |  |  |
| B.13. Is this an Honors course? |  |  |
| B.14. [General Education](#ge)  N.B. Connections must include at least 50% Standard Classroom instruction. |  |  |
| B.15. [How will student performance be evaluated?](#performance) |  |  |
| B.16 [Recommended class-size](#class_size" \o "Check appendix XVIII in the UCC Manual for Best Practices) |  |  |
| B.17. [Redundancy statement](#competing) |  |  |
| 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)**?** |
| --- | --- | --- |
| Create a web interface that meets user needs. | N/A | Group projects, presentations, and homework. |
| Learn the best ways of organizing a web site and picking colors and fonts which is also accessible and globalized. | N/A | Group projects and presentations. |
| Use the modern web standards model (e.g., HTML, CSS, and JavaScript) to structure, present, and add behavior to a Web document. | N/A | Group projects and presentations. |
| Creating static web page creation using Hypertexts Markup Language (HTML5) and Cascading Style Sheets (CSS3). | N/A | Group projects and presentations. |
| Use a client-side Web development framework or library (e.g., jQuery) to build an interactive front-end Web application. | N/A | Group projects and presentations. |

| 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.** |
| --- |
| Introduction 1  User, need and task analysis  low fidelity Prototyping  Detailed Analysis 2  Detailed User, need and task analysis  High fidelity prototyping and evaluation  Card sorting interviews  Organization 1  Visual Organization  Navigational Organization   Appearance 1  Picking colors  Typography  User needs 1  Accessibility  Globalization  Building a website 2  HTML  CSS  Hosting  Javascript        4  Basic JavaScript instructions  Javascript function  Project  1  The course will include at least one term project related to real life applications or users to strength the student’s in-depth knowledge. |

## 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. 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 |
| --- | --- | --- | --- |
| Dr. Lisa Bain | Chair of Computer Science and Information Systems | \*Approved via email | 2/22/2021 |
| Dr. Earl Simson | Dean of the Faculty of Arts and Sciences | **Earl Simson** | 2/25/2021 |

##### D.2. [Acknowledgements](#acknowledge): REQUIRED from OTHER PROGRAMS/DEPARTMENTS (and their relevant deans if not already included above) that are IMPACTED BY THE PROPOSAL.