# http://www.ric.edu/webcommunications/images/SealWithText_Small_Black.pnggraduate COMMITTEE curriculum PROPOSAL FORM

## Cover page Scroll over blue text to see further [instructions](#instructions)

|  |  |  |
| --- | --- | --- |
| A.1. [Course or program](#Proposal) | **TECH 590 Directed Study** |  |
| [Replacing](#Ifapplicable)  |  |  |
| A.2. [Proposal type](#type) | **Course: revision**  |  |
| A.3. [Originator](#Originator) | **Charlie McLaughlin** | [Home department](#home_dept) | **DES/ Technology Education/IGP** |
| A.4. [Rationale](#Rationale)/Context | **The purpose of this proposal is to :**1. **Change the credits of TECH 590 from 3 cr. to 1 – 6 credits;**
2. **Change the TECH 590 course description;**
3. **Change the prerequisites for TECH 590**

**These requests to revise TECH 590 are made because I have been using TECH 590 credits in a 1credit to 3 credits increments across a number of semesters. The maximum credits student can earn is six credits during the program. The program needs to be able to assign credits for work leading up to the final project. This often takes place over the course of several semester i.e) Scanning and developing models of a trapezium; construction of an automated servo – delivery system; STEM curriculum for the middle school; etc.****The course description better reflects what will be accomplished in the course.****The prerequisites are made clearer.** |
| A.5. [Student impact](#student_impact) | **Students will be able to begin their research projects earlier in the program rather than attempting to complete their projects in one semester. The students in the program are returning teachers. They appreciate the flexibility of working across semesters.** |
| A.6. Impact on other programs |  |
| A.7. [Resource impact](#Resource) | *[Faculty PT & FT](#faculty" \o "Need to hire new full-time or part-time faculty? This is where you indicate if this proposal will be affecting FLH in your department/program.)*:  | **None** |
|  | [*Library*:](#library) | **None** |
|  | [*Technology*](#technology) | **None** |
|  | [*Facilities*](#facilities): | **None** |
|  | Promotion/ Marketing needs  | **None** |
| A.8. [Semester effective](#Semester_effective) | **Fall 2019** | A.9. Rationale if sooner than next fall |  |

B. [NEW OR REVISED COURSES](#delete_if):

|  | Old ([for revisions only](#Revisions) – list only information that is being revised) | New |
| --- | --- | --- |
| B.1. [Course prefix and number](#cours_title)  |  | **TECH 590** |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title)  |  | **Directed Study** |
| B.4. [Course description](#description)  | Students select a topic and undertake a concentrated research project under the supervision of a faculty advisor. | Students identify a relevant STEM research project. The student prepares the project proposal, conducts the research, and presents artifacts developed from the research. |
| B.5. [Prerequisite(s)](#prereqs) | Graduate status and either completion of all required courses or final semester of study. | Graduate status, completion of 18 credits in the program, or permission of the instructor. |
| B.6. [Offered](#Offered) |  | **As needed.** |
| B.7. [Contact hours](#contacthours)  |  |  |
| B.8. [Credit hours](#credits) | **3** | **1 - 6** |
| B.9. [Justify differences if any](#differences) | The scale of some of the projects requires more Instructional time and student effort than 3 credits of work covers. Students need the flexibility to work across semesters to properly devote the time necessary to complete their projects. Accordingly, I have been breaking down Directed studies into 1 – 3 credit increments during semesters that they take 590 for to make this accommodation for students. I recently learned that I need to change this in the Catalog. |
| B.10. [Grading system](#grading)  |  |  |
| B.11. [Instructional methods](#instr_methods) |  |  |
| B.12.[Categories](#required) |  |  |
| B.13. [How will student performance be evaluated?](#performance) |  |  |
| B.14. [Redundancy with, existing courses](#competing) |  |  |
| B. 15. Other changes, if any |  |

| B.16**.** [**Course learning outcomes**](#outcomes)**: List each outcome in a separate row** | [**Professional organization standard(s)**](#standards)**, if relevant**  | [**How will the outcome be measured?**](#measured) |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  | Click Tab from here to add rows |

| B.17. [**Topical outline**](#outline)**: Do NOT insert a full syllabus, only the topical outline** |
| --- |
| 1. Topic 1
	1. Subtopic 1a
	2. Subtopic 1b
	3. Subtopic 1c
2. Topic 2
	1. Subtopic 2a
	2. Subtopic 2b
3. Etc.
 |

## D. Signatures

* Changes that directly impact more than one department/program MUST have the signatures of all relevant department chairs, program directors, and relevant dean (e.g. when creating/revising a program using courses from other departments/programs).
* 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 graduatecommittee@ric.edu and a printed or electronic signature copy of this form to the current Chair of Graduate Committee. Check Graduate Committee 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 prposals.

| Name | Position/affiliation | [Signature](#_Signature" \o "Insert electronic signature, if available, in this column) | Date |
| --- | --- | --- | --- |
| Charlie McLaughlin | Coordinator for Technology Education |  |  |
| Leslie Bogad | Chair of DES |  |  |
| Gerri August | Co-Dean of FSEHD |  | Tab to add rows |
| Julie Horwitz | Co-Dean FSEHD |  |  |
| Leslie Shuster | Dean Graduate Studies |  |  |