

Proposal Status: Workflow Started

## Information Item

Title of proposal (must begin with department abbreviation): STEM Education-Modification of Catalog Entry for STEM 2010

Place an X next to the ones that apply:

<input type="checkbox"/>	Renaming a course
<input type="checkbox"/>	Renumbering a course, other than increasing or decreasing by multiples of 1000 (e.g., 1010 to 1200; or 2030 to 2300)
<input checked="" type="checkbox"/>	Editorial changes to the catalog text or other official documents for clarity or to reflect approved and established policies, procedures and requirements
<input type="checkbox"/>	Cross-listing an existing course
<input type="checkbox"/>	Removing departmental courses that have not been offered for at least three years and that the department would like to have removed from the catalog.
<input type="checkbox"/>	Changing the name of a major or concentration when no curriculum changes are involved.

Effective date: Fall 2015

Contact information:

Spokesperson Name:Margaret Kovach	Department:STEM
Building:CANX	Office Number:111
Phone Extension:2553 or 4397	Email:Margaret-Kovach@utc.edu

Faculty of the originating department approved this proposal on 9/10/2014 (date) by a vote of 2 aye votes; 0 nay votes; 0 abstentions; 2 eligible voting members absent

1. Description of proposed changes  
We propose to remove STEM 1020 as a pre-requisite in that STEM 1020 is being eliminated from the catalog (addressed in a separate proposal)
2. Rationale for requested change  
Include any information and/or data which is being used to justify the change(s).
3.  
If the proposal to eliminate STEM 1010 and STEM 1020 from the catalog (to be fulfilled by completion of STEM 1030), the pre-requisite for STEM 1020 is not indicated. The pre-requisite should be changed to STEM 1030.

4. Current course or listing in the Catalog

Prefix: STEM	Number: 2010
Title: Knowing and Learning	Credit Hours: 3
Prerequisites: STEM 1030 of STEM Education Director approval	Co-Requisites:
Cross-listed courses:	

5. Current course description or listing in the Catalog  
STEM 2010 - Knowing and Learning

Proposal Status: Workflow Started

(3) Credit Hours

Psychological foundations of learning; problem solving in mathematics and science education utilizing technology; principles of expertise and novice understanding of subject matter; implications of high stakes testing; and foundations of formative and summative assessment. Every semester. No credit toward Education degree. Prerequisites: Admission to the STEM Education program; university, STEM and major department grade point averages of at least 2.75; STEM 1020 or STEM 1030 with a minimum grade of C or STEM Education program Co-Director approval.

6. Proposed new course as it will be listed in the Catalog

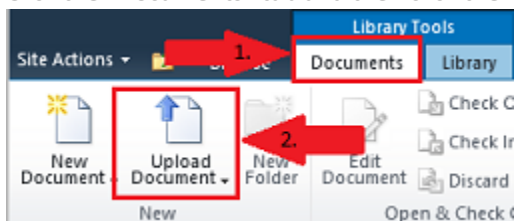
Prefix: STEM	Number: 2010
Title: Knowing and Learning	Credit Hours: 3
Prerequisites: STEM 1030 of STEM Education Director approval	Co-Requisites:
Cross-listed courses:	

7. Proposed new course description to be listed in the Catalog (catalog copy)

Psychological foundations of learning; problem solving in mathematics and science education utilizing technology; principles of expertise and novice understanding of subject matter; implications of high stakes testing; and foundations of formative and summative assessment. Every semester. No credit toward Education degree. Prerequisites: Admission to the STEM Education program; university, STEM and major department grade point averages of at least 2.75; STEM 1030 with a minimum grade of C or STEM Education program Director approval.

Direction for uploading supporting documents:

1. To upload your model syllabus to the folder for your proposal go to <https://spaces.utc.edu/sites/UndergraduateProposal>.
2. Next, click on the name of your proposal under "My Proposals".
3. Click the "Documents" tab and then click the "Upload Document" tab.



Proposal Status: Workflow Started

**Important:** After completing your proposal you must start the *Curriculum Proposal Workflow*.

To begin workflow:

1. Click on the name of your proposal below.
2. Next, click the "Document Set Manage" tab in the ribbon at the top of the page and select the "Workflows" button.



3. Under "Start a New Workflow" click "Curriculum Proposal Workflow" and then click the "Start" button.

### Workflow Sequence for Information Item

1. Department Head
2. College Curriculum Committee
3. College Dean
4. Other Areas Affected (If any)
5. Records Office
6. Associate Provost
7. Faculty Senate Curriculum Committee