

Proposal Status: Workflow not started

## FULL PROPOSAL: Substantive Change(s) to a Program of Study

*Note: New courses included in a program of study change require submission of the **Substantive Change to a Course** proposal.*

Title of proposal (must begin with department abbreviation): ETM - Construction Management  
Minor - revisions

Place an X next to the ones that apply:

<input checked="" type="checkbox"/>	Alteration of requirements for any program of study including majors, minors, concentrations and certificates
<input type="checkbox"/>	Creating a new program or concentration
<input type="checkbox"/>	Changing admission requirements into a program

Effective date: Fall 2015

Contact information:

Spokesperson Name:Edward H. McMahon	Department:Engr. Mang. and Technology
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Faculty of the originating department approved this proposal on 10/6/2014 (date)  
by a vote of 6 aye votes; 0 nay votes; 0 abstentions; 0 eligible voting members absent

1. Description of proposed changes

The proposed change to the existing Construction Management minor is to reduce the number of hours for the minor to 18 hours consistent with most minors.

2. Rationale for requested change

Include data from the annual institutional effectiveness cycle or outcomes assessment; information on changes in disciplinary field(s); national, community and workforce development trends; and address any impact on enrollment trends.

The catalog indicates the minor is 24 hours including two 2000 level courses. The Construction Safety and Risk Management,ETCM 2010 and statistics, ENGR 2220 or MGT 2110,will be dropped from the minor to reduce the hours to 18 hours which is consistent with other minors. • ETCM 4050 – Strategic Management for Construction Business (a new course) will be included instead of ETCM 4030 - Construction Cost Accounting which is being replaced in the curriculum by the new course ETCM 4050. ETCM 4600 – Green Building Rating System or ETCM 3150 - Building Information Modeling (BIM) are listed as the option for the sixth course. Either ETCM 4600 or ETCM 3150 are included because the likely constituents for the minor are students in building related fields.

3. Current program requirements as listed in the Catalog (**current Catalog copy—include all current required courses**)

Current Catalog Description

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Construction Management Minor

24 hours in Construction Management including:

- ETCM 2010 - Construction Safety and Risk Management
- ETCM 4010 - Construction Scheduling
- ETCM 4020 - Estimating and Construction Documents II
- ETCM 4030 - Construction Cost Accounting
- ETCM 4500 - Construction Management Design
- ETEM 3550 - Project Management and Practice
- ENGR 3520 - Engineering Economy
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- MGT 2110 - Statistical Methods for Business I or
- ENGR 2220 - Probability and Statistics for Engineering

4. Proposed new description and program requirements to be listed in the Catalog (**current Catalog copy—include all current required courses**)

Revised Catalog Description

Construction Management Minor

18 hours in Construction Management including:

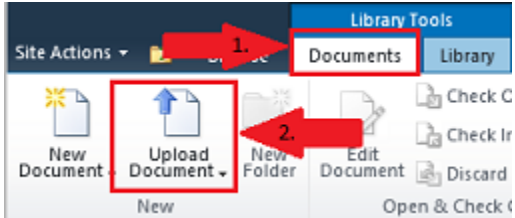
- ETCM 4010 - Construction Scheduling
- ETCM 4020 - Construction Cost Estimating
- ETCM 4050 – Strategic Management for Construction Business
- ETEM 3550 - Introduction to Project Management
- ENGR 3520 - Engineering Economy
  
- ETCM 4600 – Green Building Rating System or
- ETCM 3150 - Building Information Modeling (BIM)

5. Outline the student learning outcomes—a statement of the minimum expectations of students as they complete the program. You must list at least three outcomes. The learning outcomes are specified in the courses.
6. How will students be assessed on the program learning outcomes? The assessment is specified in the courses.
7. Attach a curriculum map for the new program/concentration. Please see the direction at the end of this proposal for how to upload your curriculum map document.
8. Does this change require new resources from the originating department or other departments (including the library)? If yes, please explain.  
No, all of the courses will be part of the curriculum in ETM - Construction Management
9. Will the proposed changes impact the ability of students to complete degree requirements in a timely manner? How will the proposed changes impact requirements in other departments or programs?  
The proposed minor will require the student to take an additional 5 courses.
10. Attach a Clear Path Showcase for the new program/concentration. Please see the directions at the end of this proposal for how to upload your clear path document.

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Direction for uploading supporting documents:

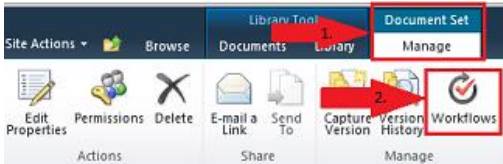
1. To upload your model syllabus to the folder for your proposal go to <https://spaces.utc.edu/sites/UndergraduateProposal>.
2. Next, click on the name of your proposal under "My Proposals".
3. Click the "Documents" tab and then click the "Upload Document" tab.



**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 Full Proposal –Program Changes

1. Department Head
2. College Curriculum Committee
3. College Dean
4. Other Areas Affected (If any)
5. Records Office
6. Associate Provost
7. Provost (if a fee will be assessed)
8. Faculty Senate Curriculum Committee
9. Faculty Senate