New York City College of Technology, CUNY

**Curriculum Modification Form**

This form is used for all curriculum modification proposals. See the [Proposal Classification Chart](http://openlab.citytech.cuny.edu/collegecouncil/files/2014/08/2013-10-09-Proposal_Classification_Chart.pdf) for information about what types of modifications are major or minor. Completed proposals should be emailed to the Curriculum Committee chair.

|  |  |
| --- | --- |
| **Title of Proposal** | **Minor Curriculum Modification**  **Allow to take CMCE4401 up to 3 times as long as it is a different topic.** |
| **Date** |  |
| **Major or Minor** | **Minor** |
| **Proposer’s Name** | **Samaneh Gholitabar** |
| **Department** | **Construction Management and Civil Engineering Technology** |
| **Date of Departmental Meeting in which proposal was approved** | **11/29/23** |
| **Department Chair Name** | **Melanie Villatoro** |
| **Department Chair Signature and Date** |  |
| **Academic Dean Name** | **Gerarda Shields** |
| **Academic Dean Signature and Date** |  |
| **Brief Description of Proposal**  (Describe the modifications contained within this proposal in a succinct summary. More detailed content will be provided in the proposal body. | Modification in the proposal include: Updated course description for CMCE 4401 Special Topics to allow students to take it up to 3 times as long as the topic is different for Construction Engineering BTECH students. |
| **Brief Rationale for Proposal**  (Provide a concise summary of why this proposed change is important to the department. More detailed content will be provided in the proposal body). | Allowing students to take the CMCE 4401 Special Topics up to 3 times when the topics are different is part of the department's effort to widen the breadth of available electives by offering topics that address students’ need for knowing the new and improved technology or trends in the construction engineering field. In each of the different 4401 series, student get familiar with a new software, technology or trend and the course material can vary depending on the topic. Therefore, students can learn new skills or knowledge if they wish to take the course up to 3 times with different topics. |
| **Proposal History**  (Please provide history of this proposal: is this a resubmission? An updated version? This may most easily be expressed as a list). | This is a new Proposal |

Please include all appropriate documentation as indicated in the Curriculum Modification Checklist.

For each new course, please also complete the New Course Proposal and submit in this document.

Please submit this document as a single .doc or .rtf format. If some documents are unable to be converted to .doc, then please provide all documents archived into a single .zip file.

**ALL PROPOSAL CHECK LIST**

|  |  |
| --- | --- |
| Completed CURRICULUM MODIFICATION FORM including: |  |
| * Brief description of proposal | X |
| * Rationale for proposal | X |
| * Date of department meeting approving the modification |  |
| * Chair’s Signature |  |
| * Dean’s Signature | x |
| Evidence of consultation with affected departments  List of the programs that use this course as required or elective, and courses that use this as a prerequisite. | N/A |
| Documentation of Advisory Commission views (if applicable). | N/A |
| Completed [Chancellor’s Report Form](http://openlab.citytech.cuny.edu/collegecouncil/files/2014/08/2013-10-09-Chancellor_Report_Quick_Reference_Guide1.doc). | X |

**EXISTING PROGRAM MODIFICATION PROPOSALS**

|  |  |
| --- | --- |
| Documentation indicating core curriculum requirements have been met for new programs/options or program changes. | N/A |
| Detailed rationale for each modification (this includes minor modifications) | x |

**Rationale:**

CMCE 4401 Special Topics is offered as a technical elective course for the Construction Engineering Technology program in BTECH level. The Special Topics course offers topics that address students’ need for knowing the new and improved technology or trends in the construction engineering technology field. Students will be exposed to a particular technology and/or trend. The course material can vary depending on the Technology or trend to be explored. Therefore, students can learn new skills or knowledge if they wish to take the course up to 3 times as long as the topics are different. We propose that CMCE students be able to take CMCE 4401, Special Topics, up to 3 times as long as the topics are different. These proposed change will give our students more options and better prepare them to begin their careers in industry.

**Chancellor’s Report:**

Please fill out one chart for each course. Remove any row that is not being changed with the exception of the Prerequisite, Corequisite, Pre/Corequisite rows: if any ONE of these is modified, then leave all three. The following revisions are proposed for the BTECH in Construction Engineering Technology

|  |  |  |  |
| --- | --- | --- | --- |
| **CUNYFirst Course ID** | **CMCE4401** |  |  |
| **Course Number and Title** | **CMCE 4401 Special Topics** |  |  |
| **FROM:** |  | **TO:** |  |
| **Department(s)** |  | **Department(s)** |  |
| **Course Number** |  | **Course Number** |  |
| **Course Title** |  | **Course Title** |  |
| **Prerequisite** |  | **Prerequisite** |  |
| **Corequisite** |  | **Corequisite** |  |
| **Pre or co requisite** |  | **Prerequisite** |  |
| **Hours** |  | **Hours** |  |
| **Credits** |  | **Credits** |  |
| **Description** | **New and improved technology and trends are constantly emerging in the construction engineering technology field. Students will be exposed to a particular technology and/or trend with the goal that they will be better able to adapt in the workplace. Emphasis is placed on instilling the need for lifelong learning and understanding professional, ethical and social responsibilities that come with all advancements in technology, engineering, and science.** | **Description** | **New and improved technology and trends are constantly emerging in the construction engineering technology field. Students will be exposed to a particular technology and/or trend with the goal that they will be better able to adapt in the workplace. Emphasis is placed on instilling the need for lifelong learning and understanding professional, ethical and social responsibilities that come with all advancements in technology, engineering, and science. Students can take this course up to 3 times as long as the topic is different.** |
| **Requirement Designation** |  | **Requirement Designation** |  |
| **Liberal Arts** | **[ ] Yes [ X ] No** | **Liberal Arts** | **[ ] Yes [ X] No** |
| **Course Attribute (e.g. Writing Intensive, Honors, etc** |  | **Course Attribute (e.g. Writing Intensive, Honors, etc** |  |
| **Course Applicability** | |  |  | | --- | --- | | **[X ] Major** |  | | **[ ] Gen Ed Required** | | | | | **[ ] English Composition** | | | | | **[ ] Mathematics** | | | | | **[ ] Science** | | | | | **[ ] Gen Ed - Flexible** | | | | | **[ ] World Cultures** | | | | | **[ ] US Experience in its Diversity** | | | | | **[ ] Creative Expression** | | | | | **[ ] Individual and Society** | | | | | **[ ] Scientific World** | | | | | **[ ] Gen Ed - College Option** | | | | **College Option Detail\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | **Course Applicability** | |  |  |  | | --- | --- | --- | | **[ X] Major** |  | | | **[ ] Gen Ed Required** | | | | **[ ] English Composition** | | | | **[ ] Mathematics** | | | | **[ ] Science** | | | | **[ ] Gen Ed - Flexible** | | | | **[ ] World Cultures** | | | | **[ ] US Experience in its Diversity** | | | | **[ ] Creative Expression** | | | | **[ ] Individual and Society** | | | | **[ ] Scientific World** | | | | **[ ] Gen Ed - College Option** | | | **College Option Detail\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |
| **Effective Term** |  | **Spring 2024** |  |

Program: Construction Engineering Technology

**Rationale:** CMCE 4401 Special Topics is offered as a technical elective course for the Construction Engineering Technology program in BTECH level. The Special Topics course offers topics that address students’ need for knowing the new and improved technology or trends in the construction engineering technology field. Students will be exposed to a particular technology and/or trend. The course material can vary depending on the Technology or trend to be explored. Therefore, students can learn new skills or knowledge if they wish to take the course up to 3 times as long as the topics are different. We propose that CMCE students be able to take CMCE 4401, Special Topics, up to 3 times as long as the topics are different. These proposed change will give our students more options and better prepare them to begin their careers in industry.

**Department Meeting Minutes – 11/29/23**

|  |  |
| --- | --- |
| X | Melanie Villatoro, Professor and Department Chair |
| X | Anne Marie Sowder, Assistant Professor |
| X | Benito Santiago, Senior Laboratory Technician |
| X | Cesar Salazar, Lecturer |
| X | Danielle Blount, Administrative Assistant |
| X | Hamidreza Norouzi, Professor |
| X | Ivan L. Guzman, Associate Professor |
| X | Marzi Azarderakhsh, Associate Professor |
| X | Navid Allahverdi, Associate Professor |
| X | Samaneh Gholitabar, Assistant Professor |
| X | Sigurd Stegmaier, Associate Professor |

* Ivan volunteered to translate open house presentation to Spanish.
* Degree videos are up and running.
* Facilities Management courses could be given as course substitution for students that need an elective for graduation.
* Remember to allow time in class for SET evaluations.

**Curriculum:**

* Vote #1: Introduced by Samaneh Gholitabar. Major Curriculum Change: Change CMCE 4473 and CMCE 4422 from 1 hour lecture + 4 hour lab, to 3 hour class. Yea – 9, Nay – 0, Abstained – 0.
* Vote #2: Introduced by Samaneh Gholitabar. Minor Curriculum Change: CMCE 4401 – Special Topics, can be taken by students up to 3 times, if the topics are different. Yea – 9, Nay – 0, Abstained – 0.
* Vote #3: Introduced by Ivan Guzman. Major and Minor curriculum changes to CE track BTech curriculum: Yea – 9, Nay – 0, Abstained – 0:
  + - CMCE 1114 moved to AAS
    - CMCE 2416 moved to BTECH
    - CMCE 2454 moved to BTECH
    - CMCE 1221 replaces CMCE 2457
    - CMCE 1215 becomes 3 credits
    - CMCE 1215 and CMCE 2306 – Become Co-requisites
    - CMCE 2351 becomes 3 credits
    - CMCE 1110 becomes 3 credits
    - CMCE 2410 becomes 3 credits
    - CMCE 1211 is eliminated
    - CMCE 2416 moves to BTECH
    - CMCE 3520 becomes 3 credits
* Vote #4: Introduced by Ivan Guzman. Major and Minor curriculum changes to CE track BTech curriculum. Merge CMCE 4701 and CMCE 4702 (frees up 3 credits): Yea – 8, Nay – 0, Abstained – 1

**NEW YORK CITY COLLEGE OF TECHNOLOGY of the City University of New York**

**The Department of Construction Management and Civil Engineering Technology**

**CMCE 4401 – Special Topics in Construction Engineering Technology**

**Course Description:**

New and improved technology and trends are constantly emerging in the construction engineering technology field. Students will be exposed to a particular technology and/or trend with the goal that they will be better able to adapt in the workplace. Emphasis is placed on instilling the need for lifelong learning and understanding professional, ethical and social responsibilities that come with all advancements in technology, engineering, and science.

**Prerequisites:** CMCE3602

**3 Class hours, 3 credits**

**Reference:** Varies depending on the technology or trend to be explored. Instructors notes.

**Program Outcomes**

Upon graduation, each student is expected to demonstrate the following:

1. an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies; (Criterion 3.b)
2. a knowledge of the impact of engineering technology solutions in a societal and global context. (Criterion 3.j)

**Student Evaluations**

Midterm & Final: 2 exams x 30 points = 60 points 60% Term Paper: 1 paper x 40 points = 40 points 40%

**Final Grade = 100%**

**Technology:**

Computer software such as: word processing, spreadsheet, computer aided drafting and design, structural and project scheduling software will be utilized in this course. Students are expected to use Blackboard® in this course.

**Academic Integrity Policy**

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity.

Accordingly, **academic dishonestly is prohibited** in The City University of New York and at New York City College of Technology and is punishable by penalties, including failing grades, suspension, or expulsion.