


New York City College of Technology, CUNY

CURRICULUM MODIFICATION PROPOSAL FORM

This form is used for all curriculum modification proposals. See the [Proposal Classification Chart](#) for information about what types of modifications are major or minor. Completed proposals should be emailed to the Curriculum Committee chair.

Title of Proposal	CMCE 2022 Minor Curriculum Change to CM Track
Date	6/1/22
Major or Minor	Minor
Proposer's Name	Anne Marie Sowder
Department	Construction Management and Civil Engineering Technology
Date of Departmental Meeting in which proposal was approved	4/25/22 (discussed) and 5/9/22 (approved)
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).	<p>Modifications in this proposal include:</p> <p>Changes to Course Name: CMCE 1221, CMCE 2321, CMCE 2421</p> <p>Changes to Course Pre-Requisites: CMCE 1221</p> <p>Updates to Course Descriptions: CMCE 1221, CMCE 2321, CMCE 2421</p>
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).	<p>Name changes are to make them more descriptive and properly aligned to course content.</p> <p>Prerequisite updates for courses are to allow students to take the introductory course in the proper order in the program.</p> <p>Course description updates have been made to reflect re-alignment of content for CM students in the CM track.</p>
Proposal History (Please provide history of this proposal: is this a resubmission? An updated version? This may most easily be expressed as a list).	New Submission

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	x
• Chair's Signature	x
• 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).	To be included
Completed <u>Chancellor's Report Form</u> .	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

Description of Minor Modifications and Rationale

This proposal indicates the intention of the CMCE Department to change some of its course names, prerequisites, and catalog descriptions. These changes are necessary for course alignment and meeting student learning needs. A total of 3 courses will be changed by name, pre-requisite, and/or catalog descriptions.

Changes to Course Name:

CMCE 1221

CMCE 2321

CMCE 2421

Changes to Course Pre-Requisites:

CMCE 1221

Updates to Course Descriptions:

CMCE 1221

CMCE 2321

CMCE 2421

CMCE 1221

CUNY First Course ID			
FROM		TO	
Department(s)	Construction Management and Civil Engineering Technology	Department(s)	Construction Management and Civil Engineering Technology
Course Number	CMCE 1221	Course	CMCE 1221
Course Title	Construction Management I		<u>Introduction to the Built Environment</u>
Pre or co requisite	CMCE 1110, CMCE 1114; Equivalent to old course CMCE 1220	Prerequisite	<u>N/A</u>
Description	A thorough overview of the construction process from the planning phase to successful completion. Topics include formal and informal communication formats, the design and construction process, types of contracts, responsibilities of project participants, contract documents, schedules, payments, building codes, and safety. Formal and informal communication are addressed through a series of spoken and written assignments culminating in a written report.	Description	<u>An introductory course for the major and the industry including a thorough overview of the composition and creators of the built environment. Topics include the responsibilities and relationships between architects, engineers, and builders, the components of urban form, the interconnected systems we build, and the role of regulation and oversight in our industry. Formal and informal communication are addressed through a series of oral and written assignments.</u>
Requirement Designation		Requirement Designation	
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc)		Course Attribute (e.g. Writing Intensive, Honors, etc)	
Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____	Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____
Effective Term		Effective Term	Fall 2022

Rationale: This change will align the catalog description and course title with the intent of the course, which is to serve as an introduction to the material of the CM track. The elimination of the pre-requisite will allow students to take the course in their first semester to improve their experience in the department and at the college.

CMCE 2321

CUNY First Course ID			
FROM		TO	
Department(s)	Construction Management and Civil Engineering Technology	Department(s)	Construction Management and Civil Engineering Technology
Course	CMCE 2321	Course	CMCE 2321
Course Title	Construction Management II		<u>Fundamentals of Construction Management</u>
Description	An introduction to advanced planning, management techniques and computer applications. Topics covered include an expanded knowledge of the pre-construction and construction processes; a further understanding of construction and labor law; risk allocation and safety; accounting principles; material testing and quality control techniques; and changes, claims and disputes as well as discussion of the role of the project manager and project superintendent during the entire process. Students also study the LEED rating system and take a LEED certification exam at the end of this course (if qualified).	Description	<u>A thorough overview of construction management concepts. Topics covered include safety and ethics, pre-construction and construction processes, sustainability, trade and labor management, contracts, risk allocation, accounting principles and changes, claims and disputes. The course emphasizes the role of the project manager and project superintendent during the building process.</u>
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	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____	Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____
Effective Term		Effective Term	Fall 2022

Rationale: The title and catalog description are updated to better represent the course content and its place in the CM series.

CMCE 2421

CUNYFirst Course ID			
FROM		TO	
Department(s)	Construction Management and Civil Engineering Technology	Department(s)	Construction Management and Civil Engineering Technology
Course	CMCE 2421	Course	CMCE 2421
Course Title	Construction Management III		<u>Planning & Scheduling</u>
Description	Builds on the concepts developed in Construction Management II to give a thorough understanding of the current practices for planning, documenting, managing, and analyzing construction projects. Students use industry standard computer scheduling software in preparing a Critical Path Method (CPM) project schedule and study the use of value engineering (VE) workshop to reduce construction costs.	Description	<u>Builds on the concepts developed in Fundamentals of Construction Management to give a thorough understanding of the current practices for planning, documenting, managing, and analyzing construction projects. Topics covered include planning, site logistics, and construction sequencing. Students use industry standard computer scheduling software in preparing Critical Path Method (CPM) project schedules for a variety of project types.</u>
Requirement Designation		Requirement	
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc)		Course Attribute (e.g. Writing Intensive, Honors, etc)	
Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____	Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option College Option Detail _____
Effective Term		Effective Term	Fall 2022

Rationale: The title and catalog description are updated to better represent the course content and its place in the CM series.

Department Faculty & Staff Meeting**April 25, 2022****Participants:**

Melanie Villatoro, Associate Professor and Department Chair
 Hamidreza Norouzi, Professor
 Sigurd Stegmaier, Associate Professor
 Anne Marie Sowder, Assistant Professor
 Navid Allahverdi, Assistant Professor
 Benito Santiago, Senior CLT
 Ivan L. Guzman, Assistant Professor

Agenda

1. STEAM Center Articulation Agreements – To be reviewed by faculty members.
2. Surveying Certificate – Surveying license requirements for NY have changed. Minimum 18 credits in surveying. Discussion tabled to next meeting.
3. Certificate – Updates ? – Is there a need to revamp the certificate program? Faculty agrees that it is worth having the discussion to update the certificate program.
 - CMCE 2321 Construction Management II (3 credits)
 - CMCE 2319 Building Service Systems (2 credits)
 - CMCE 2412 Estimating - RSM (2 credits)
 - CMCE 2410 Construction Drawings III - BIM with Revit (2 credits)
 - CMCE 2421 Construction Management III: Primavera (3 credits)
 - CMCE 4702 Construction & Site Safety Management (3 credits)
 - CMCE 4473 Advanced BIM (3 credits)
4. Kognito Training
5. Search Committee Lecturer – May 13
6. Curriculum Changes – Anne Marie and Ivan
 - a. Changes to Construction Management three course sequence were discussed. Vote on minor modification will be conducted during next meeting.

New CUNYfirst Login

<https://cunyfirst.cuny.edu>

Upcoming Dates

Next Meeting – May 9 at 10am via zoom

Department Faculty & Staff Meeting**May 9, 2022****Participants:**

Melanie Villatoro, Associate Professor and Department Chair
 Hamidreza Norouzi, Professor
 Sigurd Stegmaier, Associate Professor
 Anne Marie Sowder, Assistant Professor

Navid Allahverdi, Assistant Professor
Benito Santiago, Senior CLT
Ivan L. Guzman, Assistant Professor

Agenda

- 9:45-10 Assistant/Associate Professor Search Committee – Interviews to occur during the month of May.
- 10-10:15 Mentor Project – Shelley – There is an opportunity to become a Mentor or a Mentoring Fellow through “What do you need to thrive?” program offered by Faculty Commons.
- 10:15-10:20 Final Vote on CM Proposal – The faculty voted and approved proposed minor curriculum changes to Construction Management program, proposed by Professor A.M. Sowder.
- 10:20-10:30 ABET - Call out to start collecting data from courses. Emphasis was made of senior capstone presentation recordings.
- 10:30-10:45 2021-2022 Goals and Targets/Outcomes; 2022-2023 Goals and Targets
2021-2022 Goals and Targets were met.
- 10:45-11:00 Survey Certificate - Lem

Reminders

Annual Evaluations and Class Observations Due by June 1
PARSE Due June 1
Please Review STEAM Agreements for Final vote on May 16
SET's