Construction Management Technology

Plan of Study Overview

The MS in Construction Management Technology requires 33 credit hours. The program will consist of a two-year cycle, with start dates available at the beginning of each fall semester. The following courses are required to satisfactorily complete the degree. Our office will work with you each semester of registration.

As a Purdue graduate student you will receive engaging and relevant instructor-led training, collaboration with your peers and gain real-world skills while in a comfortable, ready-to-learn atmosphere. Our Live Classrooms are strategically designed to ensure that you master core concepts with in-person instruction and interactions. The courses are typically every Tuesday and/or Thursday from 7:00 PM - 9:50 PM (EST).

All of your course activities, assignments, and exams must be completed by their respective due dates. You will need to view course lectures regularly to keep current. The typical length of our courses are 16-weeks each spring and fall semesters and 12-weeks in the summer.

Semester One (Fall of Even Years):
- BCM58100 – Comprehensive Construction Management (3 credit hours)
- BCM55000 – Risk Management in Construction (3 credit hours)
- TECH581 – BIM and Sustainability (3 credit hours)

Semester Two (Spring of Odd Years):
- BCM52500 – Managing Construction Quality & Production (3 credit hours)
- BCM53000 – Construction Operations & Strategic Management (3 credit hours)

Semester Three (Summer of Every Year):
- BCM51100 – Energy Conserving Building Retrofit (3 credit hours)
- BCM58100 – Sustainable Site Development (3 credit hours)

Semester Four (Fall of Odd Years):
- BCM54500 – Construction Management Training & Development (3 credit hours)
- BCM55500 – Construction Leadership & Marketing (3 credit hours)

Semester Five (Spring of Even Years):
- BCM53500 – Construction Accounting and Financial Management (3 credit hours)
- BCM4000 – Law for Construction Managers (3 credit hours)

Semester Six (Summer of Every Year):
- BCM52000 – Preconstruction Project Management (3 credit hours)
- TECH58100 – Value Engineering & Visualization for Sustainability (3 credit hours)

CMT Advisors
- Chair: Yi Jiang (765-494-5602 or jiang2@purdue.edu) – will serve as your faculty advisor during your graduate career at Purdue. He can be a valuable resource for academic advice.
- Mark Schuver (765-496-2094 or mschuver@purdue.edu) and Carrie Clark (765-496-2604 or crclark@purdue.edu) will serve as your staff advisors. They are your connections for CMT and Purdue communities, and can also help you with questions regarding course registration, degree progress, and other administrative duties.
Notes:

- A Plan of Study should be on file by the start of semester three. Our office will work with you to establish a POS.
- BCM59000 – Independent Study: Independent study of advanced technical and professional topics under the guidance of a graduate faculty member. Emphasis is on new developments relating to technical, operational, and training aspects of industry and technology education. (3 credits)
- Purdue courses that are more than five years old may not be used on Purdue Plan of Study (POS).
- Late submission of the Plan of Study, late addition to the Graduate School Candidate list, or being on the Candidate list more than two consecutive sessions will result in a $200 late fee.
- The course arrangement may be subject to change.