DEGREE OF MASTER OF ENGINEERING
Coursework Requirements for a Major in Construction Project Management
One Year Program

General
A minimum of 30 semester credit hours of approved courses is required for the Master of Engineering degree (MEng). A complete discussion of all university requirements is found in the current Texas A&M University Graduate Catalog under the heading “The Degree of Master of Engineering.” For example, university requirements include a final examination and one or two written reports. The Zachry Department of Civil Engineering requires that the examination focus on at least one of the written reports. The report(s), however, need not involve results of research conducted by the candidate. It is the student’s responsibility to propose a degree plan that meets all university, department, and program requirements.

Degree Plan
The student’s degree plan must be typed on the official form as it appears on the Internet at http://ogs.tamu.edu/OGS/pdf/plan.pdf and submitted to the construction engineering and management graduate chair with endorsements by the student’s advisory committee. The plan must be submitted before the end of the first (fall) semester of study. The office of graduate studies blocks students from further registration if a degree plan is not filed before the end of the second semester of study.

Prerequisites (cannot apply toward 30 semester credit hour requirement)
All of the following courses are considered prerequisite to any MEng program of study in construction engineering and management, including the Master of Engineering with a major in Construction Project Management: CVEN 349, CVEN 405, and CVEN 473, or equivalents that are approved by the construction engineering and management faculty. If the student does not meet these prerequisite requirements, and one or more of these or other leveling courses must be completed, these credits cannot be applied toward the 30-semester credit hour requirement. No 300 level courses may be included in the 30-hour requirement.

Course Requirements
Required – 16 Hours
CVEN 639 Methods Improvement for Construction Engineers
CVEN 640 Project Development: Methods and Models
CVEN 641 Construction Engineering Systems
CVEN 644 Project Risk Management
CVEN 689 Engineering Project Controls

Electives (Select Five Courses) – 14 Hours
CVEN 638 Computer Integrated Construction Engineering Systems
CVEN 643 Advanced Construction Materials and Methods
CVEN 654 Strategic Construction and Engineering Management
CVEN 668 Front-End Planning for Project Execution
CVEN 689 Special Topics in Probabilistic Risk Analysis in Civil Engineering
MGMT 655 Survey of Management
FINC 635 Financial Management for Non-Business
COSC 628 Applications of Construction Law or COSC 648 Design-Build Project Delivery (but not both COSC courses)

The elective courses shown above may not be offered in all one-year periods. The student must confirm the availability of these courses when preparing a degree plan. It is recommended that the degree plan be prepared in the first semester of the student’s program. Additional graduate level courses are offered through the department and may be used to satisfy the elective coursework requirement with approval of the student’s advisory committee.