

# CONSTRUCTION ENGINEERING MANAGEMENT

CEM@CLARKSON.EDU

## ABOUT THE TEAM

- » Attend a conference and competition hosted by the Associated Schools of Construction (ASC). At the conference, professional construction firms sponsor categories, such as commercial, heavy civil, pre-construction and design-build, issuing a request for proposal (RFP) or invitation for bids (IFB), which teams must use to compete.
- » Split into sub-teams in order to compete in as many categories as possible. On the day of competition, each sub-team receives its RFP/IFB first and must deliver a proposal or bid by the end of the evening.

## ABOUT THE MEMBERS

- » Historically, some 20 team members, predominantly juniors and seniors.
- » Mainly Civil Engineering and Engineering & Management students, but others are free to join.
- » Depending on regional competition results, may go to National Competition in February.

# TIMELINE



### SPRING LEARN

- » Recommended, not required: take CE304 (Introduction to Scheduling and Estimating) in the spring prior to fall semester in which you plan to join the team.
- » Optional: take CE408 to learn Autodesk Revit.



### FALL PREPARE

- » Travel to Albany, NY to compete.
- » Recommended, not required: take CE404 (Applications in Scheduling and Estimating) during the fall semester in which you plan to join the team.
- » Optional: take CE408 to learn Autodesk Revit.
- » Recommended, not required: complete the Construction Documents micro-credential.



### NOVEMBER COMPETE

- » Travel to Albany, NY to compete.
- » Receive RFP/IFB in the morning and complete proposal/bid by the end of the day.
- » Proposal/bid includes
  - Drawings of project.
  - Schedule of construction.
  - Estimated costs and materials needed.
  - Subcontractor list.
  - Resumes of team members.



Clarkson™