Course in Civil/Structural Engineering  
Spring 2020

CE 5713: Blast Design of Structures

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Class Schedule: TR 7:30 PM - 8:45 PM

This course is open to
- Civil/structural engineering graduate students
- Structural engineering professionals
- Civil/structural engineering undergraduate students as technical elective

Prerequisites: CE 3233 Steel Design & CE 3213 Reinforced Concrete Design

Course Contents:
- Blast effects on structures  
- Blast loads  
- Basis for blast structural analysis  
- Response criteria  
- Simplified blast analysis  
- Protective design  
- Blast retrofit design for various structures  
- Blast Testing

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