First Global Leadership Forum for Construction Engineering and Management Programs

Purdue University
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Context

- Civil Engineering Department
  - 1100 undergraduate students
  - 400 plus graduate students
  - Ten areas covered including Construction Engineering and Management
- Department Organization
  - Four Divisions
  - CEM under Construction, Geotech, and Structures
- CEM Program
  - Undergraduate specialty area with 50 to 75 students
  - Separate area for Graduate Program with 42 students
    - Offer ME, MS, PhD, DEng
  - Five faculty in CEM area
Unique Features of CEM Program

- Faculty have substantial Industry experience
  - Industrial Design and Construction - over 25 years
  - Commercial Building - over 12 years
  - Airports - over 2 years
- National Academy Representation
  - Engineering
  - Construction
- Risk is a primary focus area
  - Course content - every course has some risk content
  - Research
- Large endowments sponsored by Industry donors
  - Zachry Construction Company
  - Clark Construction
  - Beavers Foundation

Unique Features of CEM Program

- Two one year industry driven CEM graduate programs
  - Construction Engineering
  - Construction Project Management
- Doctor of Engineering Program
  - Practice focused degree
  - One year internship with Record of Study
  - Oral defense and archive Record of Study
- Collaboration with Texas Transportation Institute
  - Research in Highway Industry at both state and national levels
  - Research in Other Transportation Industries
Questions