University of New Orleans

2013-14 University Strategic Plan by Association
As of: 4/11/2014 01:50 PM CDT

University Strategic Plan Associations included in this report:

University of New Orleans
- 1 Academic Programs
- 2 Students
- 3 Faculty
- 5 Community
- 6 Research

1 Academic Programs (4 associations)

Civil and Environmental Engineering (2)
- S/A 3: Monitor course offerings
  Monitor the undergraduate course offerings in CEE to ensure accreditation criteria set by EAC ABET and SACS are met. Provide quality graduate course offerings in CEE taught by members of the graduate faculty.

- S/A 8: Course scheduling and modalities
  Offer classes in the evenings, on weekends, and on the internet in order to meet the needs of non-traditional students Use qualified adjunct faculty in industry and at locations targeted for off-campus courses

Electrical Engineering (1)
- S/A 1: Obtain funds
  Obtain funds to upgrade the computer engineering lab, the energy conversion lab, and partially upgrade the communications lab. Obtain funds to pay for software licenses.

Naval Architecture and Marine Engineering (1)
- S/A 4: Increase institutional support
  By Fall 2015, have institutional support issues addressed

2 Students (9 associations)

Civil and Environmental Engineering (1)
- S/A 10: Improve advising system
  Improve and expand the department’s advising system to include mentoring
Electrical Engineering (2)

S/A 4: Produce brochures
Reproduce and update department/program graduate and undergraduate brochures.

S/A 6: Online promotion
Publicize on Web pages and other online resources (Facebook, twitter)

Mechanical Engineering (4)

S/A 1: Conduct student assessments
Conduct continuous assessments and improvements to produce graduates with a proficiency in the general areas of mechanical engineering consistent with ABET criteria. Maintain ABET assessment committees

S/A 3: Increase number of graduate students
Increase number of graduate students

S/A 4: Teaching Assistants
By Fall 2014, increase number of supported graduate students compared to 2012.

S/A 5: Promote thesis option
Promote the thesis option among M.S. students

Naval Architecture and Marine Engineering (2)

S/A 1: Conduct program/student assessments
Conduct continuous assessments and improvements to produce graduates with a proficiency in their major and general areas of engineering consistent with ABET criteria and marine industry requirements

S/A 2: Increase retention
Increase first year and sophomore year retention

3 Faculty (5 associations)

Civil and Environmental Engineering (5)

S/A 1: Recruit qualified faculty
Recruit faculty with appropriate credentials and include a mix of practitioners with recognized expertise.

S/A 2: Professional development
Adhere to the continuing education requirements of professional engineering licensure. Publicize teaching improvement seminar opportunities, and support full time faculty who want to attend these seminars.

S/A 5: Graduate exam committees
Faculty will serve as members of graduate degree examination committees.

S/A 6: Professional licensure
Stipulate that new faculty become licensed professional engineers within 4 years of their appointment. Require assistant professors to become licensed professional engineers before being considered for P&T.

**S/A 7: Professional organization participation**

Support participation by full-time faculty in professional societies and fund memberships and trips to conferences and seminars. Encourage participation on journal editorial boards and participation on national technical committees/task groups (one per faculty).

### 5 Community (5 associations)

**Civil and Environmental Engineering (1)**

- **S/A 9: Provide review courses**
  
  Develop professional development and PE review courses to be offered at locations convenient to working engineers.

**Electrical Engineering (1)**

- **S/A 5: Community outreach**
  
  Reach out to local community, companies, and governmental organizations.

**Mechanical Engineering (1)**

- **S/A 6: Local industry guides course offerings**
  
  Utilize strong interactions with local industry (e.g., advisory board, professional organizations) to guide course offerings. Meet with organizations to set goals, identify funding sources, instructors.

**Naval Architecture and Marine Engineering (2)**

- **S/A 7: Develop joint projects**
  
  Develop new joint industry-university projects and increase industry participation in laboratory development.

- **S/A 8: Target industry professionals**
  
  Become a nationally and internationally recognized center of innovation in marine design by developing a new Master of Science in Design and Innovation program targeting industry professionals.

### 6 Research (7 associations)

**Civil and Environmental Engineering (1)**

- **S/A 4: Use grants for prioritized expenses**
  
  Use success on grant/research contract proposals for P&T and merit pay. Favor grants providing support for graduate students and the enhancement of facilities. Use publication records for P&T and merit pay.

**Electrical Engineering (2)**

- **S/A 2: Publications and presentations**
  
  Publish books, book chapters, journal articles, and conference papers.
S/A 3: Perform funded research
Perform funded research.

**Mechanical Engineering (1)**

S/A 2: Increase student participation in research
Increase participation of undergraduates in independent research projects

**Naval Architecture and Marine Engineering (3)**

S/A 3: Increase undergraduate participation in research
Increase undergraduate participation in research

S/A 5: Expand and formalize research
Expand and formalize NAME’s internationally recognized advanced research in welding and joining technologies

S/A 6: Develop laboratory
Develop a laboratory for marine engineering research (energy efficiency, ocean energy, autonomous vehicles, system control)