

CIVIL ENGINEERING PROGRAM

GOALS

- ▶ Delivers graduates broadly educated in engineering approaches to help achieve a sustainable future for South Florida and beyond.
- ▶ Prepares leaders for the civil engineering profession, professional licensure and practice, graduate and professional degrees and lifelong learning.
- ▶ Provides an interdisciplinary, entrepreneurial and service-oriented environment that values diversity, ethical practice and professionalism in the field and collaboration across engineering sub-disciplines.

STUDENTS ENROLLED

2010-11	288
2011-12	308
2012-13	307
2013-14	289
2014-15	278
2015-16	321
2016-17	284
2017-18	322
2018-19	353
2019-20	313

CIVIL
ENGINEER
FACULTY

5

MALE

1

FEMALE



SAMPLE CAPSTONE/ SENIOR PROJECTS:

- ▶ Building design of Babcock Neighborhood School: Created structural design of two-story school for Babcock Ranch, a new community on the Lee-Charlotte county line, using Florida Building Code.
- ▶ Design a roundabout for FGCU campus: Designed a roundabout for the intersection of FGCU Blvd. and FGCU Blvd. South and North, which does not meet the current need of the university during peak traffic hours.

TOP EMPLOYERS OF CIVIL ENGINEERING GRADUATES:

- ▶ Johnson Engineering
- ▶ Barraco and Associates
- ▶ AECOM





HISTORY

2005

- ▶ The School of Engineering opens with 25 students.

2009

- ▶ Holmes Hall, which houses the program, opens in January.
- ▶ The first engineering class graduates in May.
- ▶ The U.A. Whitaker College of Engineering is established.

2011

- ▶ Software Engineering is introduced as a major.

2016

- ▶ Emergent Technologies Institute opens.

2017

- ▶ Master of Environmental Engineering program begins.

2019

- ▶ Construction Management program begins.

STUDENT ORGANIZATIONS

- ▶ American Institute for Steel and Construction (AISC)
- ▶ American Society of Civil Engineers (ASCE)
- ▶ Biomedical Engineering Society (BMES)
- ▶ Engineering Community Outreach (ECO)
- ▶ Florida Engineering Society (FES)
- ▶ Florida Water Environment Association (FWEA)
- ▶ National Society of Black Engineers (NSBE)
- ▶ Software Engineering Club (SEC)
- ▶ Society of Hispanic Professional Engineers (SHPE)
- ▶ Society of Women Engineers (SWE)

TOP EMPLOYERS

- ▶ **Bioengineering:** Arthrex and Innovo, Inc.
- ▶ **Civil Engineering:** Johnson Engineering, Barraco and Associates, AECOM
- ▶ **Environmental Engineering:** CDM-Smith, Hole-Montes, AECOM, Stantec, Tera-Tech
- ▶ **Software Engineering:** FlightDocs, Hertz, Fischer International, CallMiner

