Construction Management and Civil & Construction Engineering Department Advisory Board Meeting

May 1, 2019

Agenda

- ASCE Student Chapter Update
- ASC/TEXO Heavy Civil Student Competition
- Sigma Lambda Chi Honor Society (Tramel)
- 2019 Student Awards
- EIT Update (Dean Whitman & Webre)
- Student Services (Henley & Flowers)
- Department Report (Bray)
- ACCE Report (Bray)
- ABET Report (Jovanovic)
- Faculty Update
- Open Discussion

Introductions

- Industry Members
- Dean Dr. Whitman
- Lloyd Webre
- Vernard Henley
- Erin Flowers
- Kesha Robinson
- Students
- Faculty
- Please sign in for minutes

ASCE Deep South Conference

- Louisiana Tech hosted this year
- 14 students attended
- Steel Bridge – observed
- Concrete Canoe - observed
- Surveying – 2nd place
- Sustainability – 1st place
- Mead Ethics Paper – 2nd place

Sustainability Challenge

UA Little Rock Structure

2nd Place – Surveying Event

1st Place - Sustainability Challenge

Components of Competition

- Aesthetics – 1st
- Lightness – 2nd (100 pound penalty)
- Construction speed – 1st
- Cost (by formula) – 1st
- Load testing - satisfactory
- Technical report – 1st
- Oral presentation – 3rd

National Sustainability Competition

- Represent Deep South Conference
- Melbourne, Florida in early June
- Competition between 18 regional winners
- Observe National Concrete Canoe Competition
- First time UA Little Rock has qualified for an ASCE national competition

ASC/TEXO Student Competitions

- $2500 from the Arkansas Chapter of AGC Highway Division for Heavy Civil Team
  - Rogers Group sponsored team shirts
  - Larry Blackmon - Coach
- $2500 from Arkansas Chapter of AGC Building Division for Commercial Team
  - Nabholz Sponsored the team shirts
  - Lance Wright, Nabholz - Coach

DELTA IV Award for Sigma Lambda Chi Honor Society

- Mike Tramel Faculty Advisor
- Anna Friemal (Nabholz) President
- Gold Award for 2018 and 2019

Sigma Lambda Chi

- Started with nine members in 1999
- Today there are 220 members
- December 14, 2018 inducted seven new members and one honorary member
- May 2, 2019 will induct three new members and one honorary member

Sigma Lambda Chi
December 14, 2018 Induction

Sigma Lambda Chi
May 2, 2019 Induction

- Gozde Gursoy
- Erica James
- Donna Mantione
- Larry Blackmon, Honorary Member

WWW AFCO Field Trip

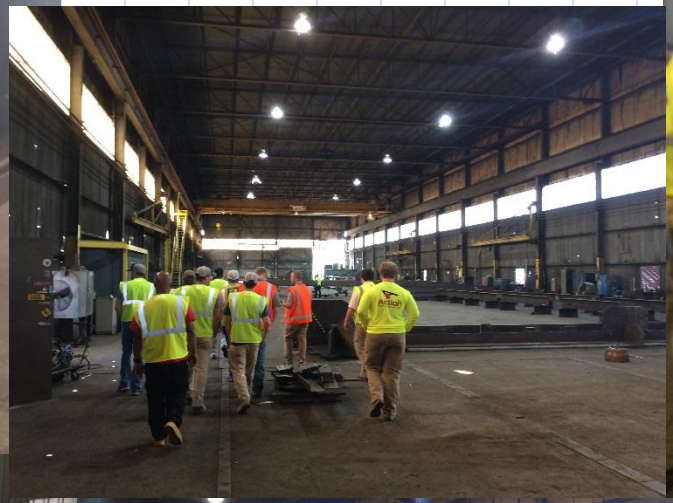
WWW AFCO Field Trip

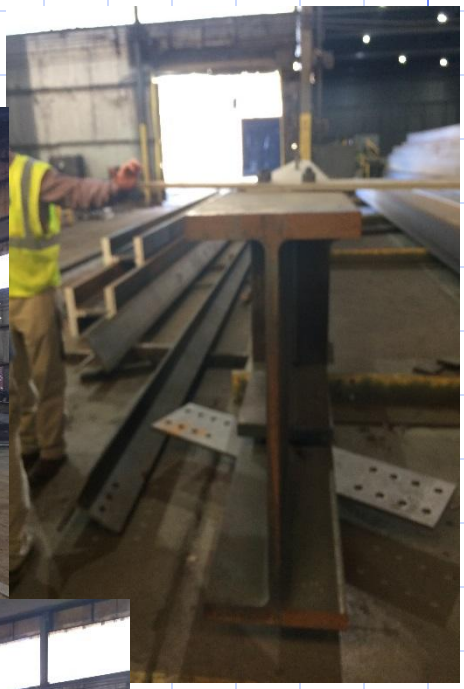
- Mike Tramel, professor of construction management took several students to WWW/AFCO Steel fabrication shops on April 24, 2019 on an educational field trip. Mike McDonald, vice president for the AFCO Division, served as tour guide along with several UA Little Rock construction management alumni.

WWW AFCO Field Trip

- Students were allowed to see the parts shop where gussets plates, shear tabs, angle clips were made and the miscellaneous shop where small steel items are fabricated. The main event was the South Shop which takes up nearly a square mile of fabrication bays, rail head, and storage where the structural steel is fabricated

$3,000,000 Change Order For Duct Opening for Skyscraper





October 19, 2018
Recruiting Event

Student Academic Awards

Must have overall GPA of 3.5 or higher

Civil and Construction Engineering

- Benjamin Wells
- Blake Johnston
- Cody Davis
- Mason Cato
- Alex Graves
- Jose Alvarez
- Rachel Runnels
- Stephen Enderlin
- Joseph Hickey

Student Advocate Award

- Mike Tramel
- Chris Ray

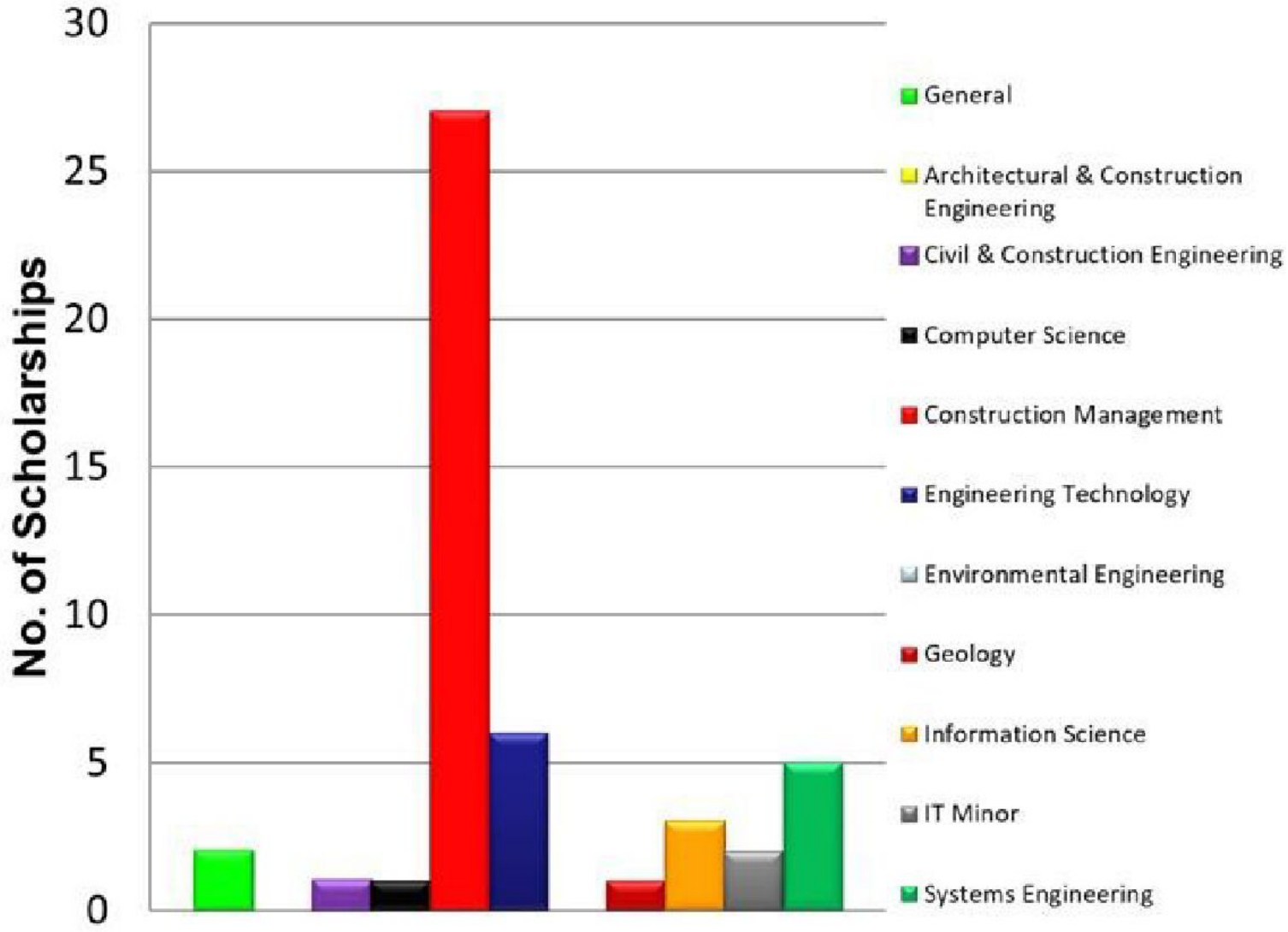
Selected by a graduating senior

EIT Update

- Dean Dr. Whitman
  - EIT Awards May 3, 2019, 4:30 to 6:00 pm
- Lloyd Webre
  - Tyler Welch Event
- Vernard Henley
  - Scholarships
- Erin Flowers
  - Student advising

University Open House

Private Scholarships by Degree Option 2018 - 2019



2018-2019 Scholarships

- Funded 61 students
- $87,000 range was $500 to $2000
- ACLB funds can not be deposited into a foundation account only an university account

Department Enrollment Report

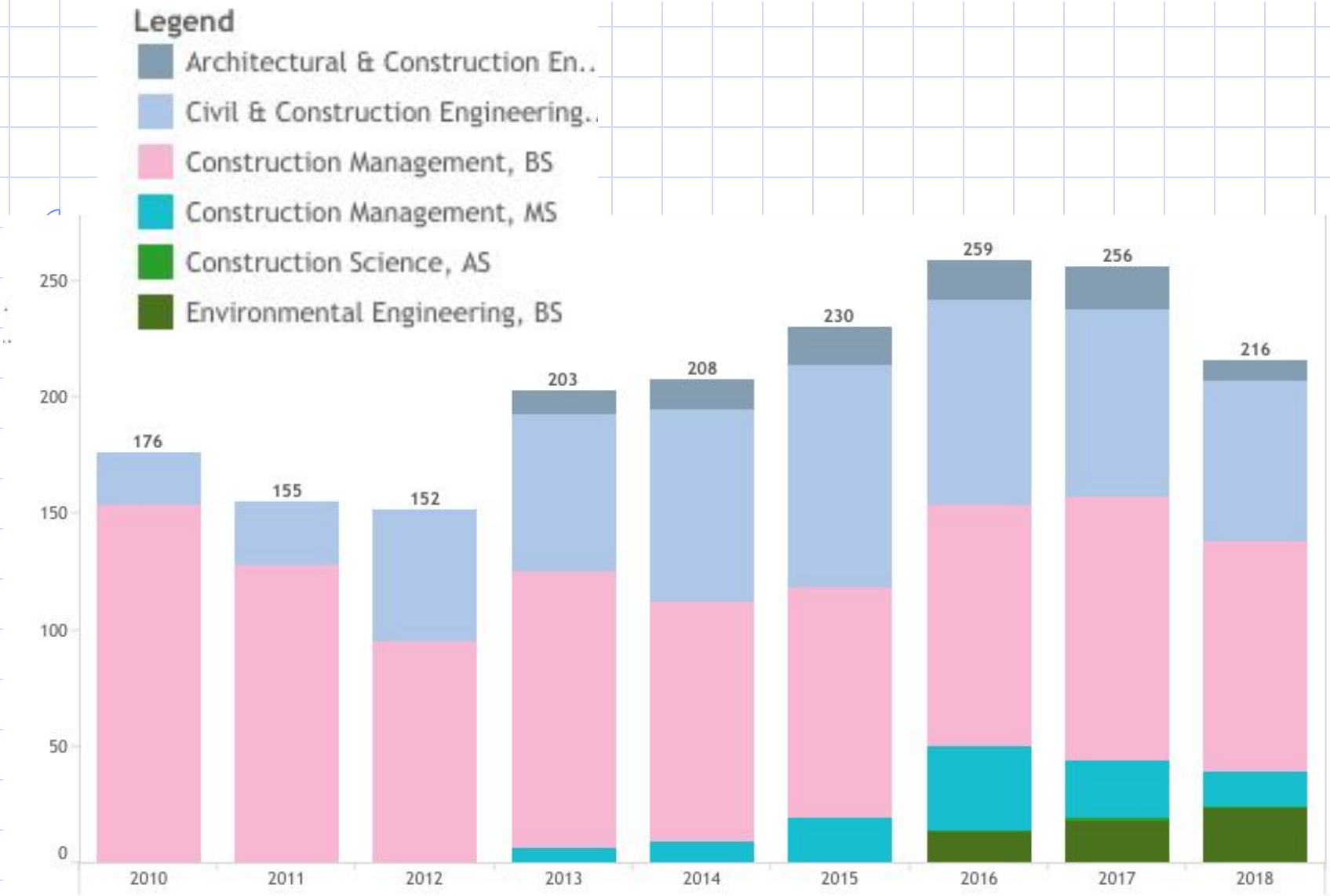
- The Fall 2018 enrollment had 23 new students with 21 new freshman
- The Spring 2019 enrollment had 1 new students
- Department has a total of 216 students

Construction Management

- 117 total majors
- Associate of Science has 1 student
- Bachelor of Science has 99 students
- Bachelor of Professional Studies has 2 students
- Master of Science has 15 students

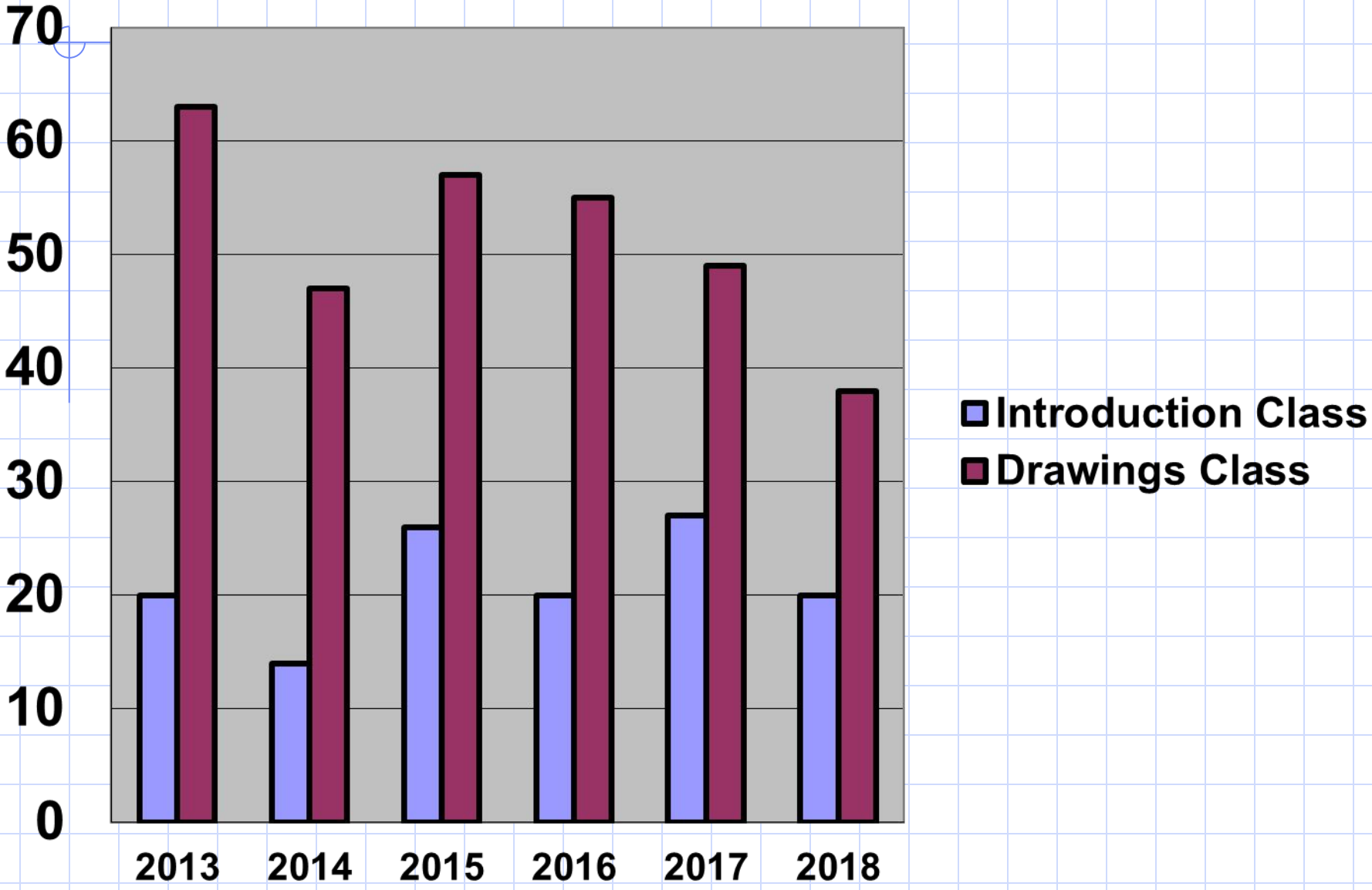
Engineering

- Total of 118 engineering students
- Civil & Construction Engineering has 69 students
- Architectural & Construction Engineering has 9 students
- Environmental Engineering has 23 students



Enrollment Trends

Freshman Enrollment Trends



Department Graduation Report

Fall 2017 and Spring 2018 (Approved)

- 58 Total graduates
- 32 Construction Management
- 25 Civil & Construction Engineering
- 1 Architectural and Construction Engineering

ACCE Update

- No action required
- All concerns removed
- No third-year report required

Engineering Update
Dr. Nick Jovanovic

- Civil and Construction Engineering
  - Initial Graduating Class: May 2013
  - Re-accredited in 2015
- Architectural and Construction Engineering
  - Initial Graduating Class: May 2017
  - Initial ABET visit September 2017
- Environmental Engineering
  - Initial Graduating Class: May 2020 (?)

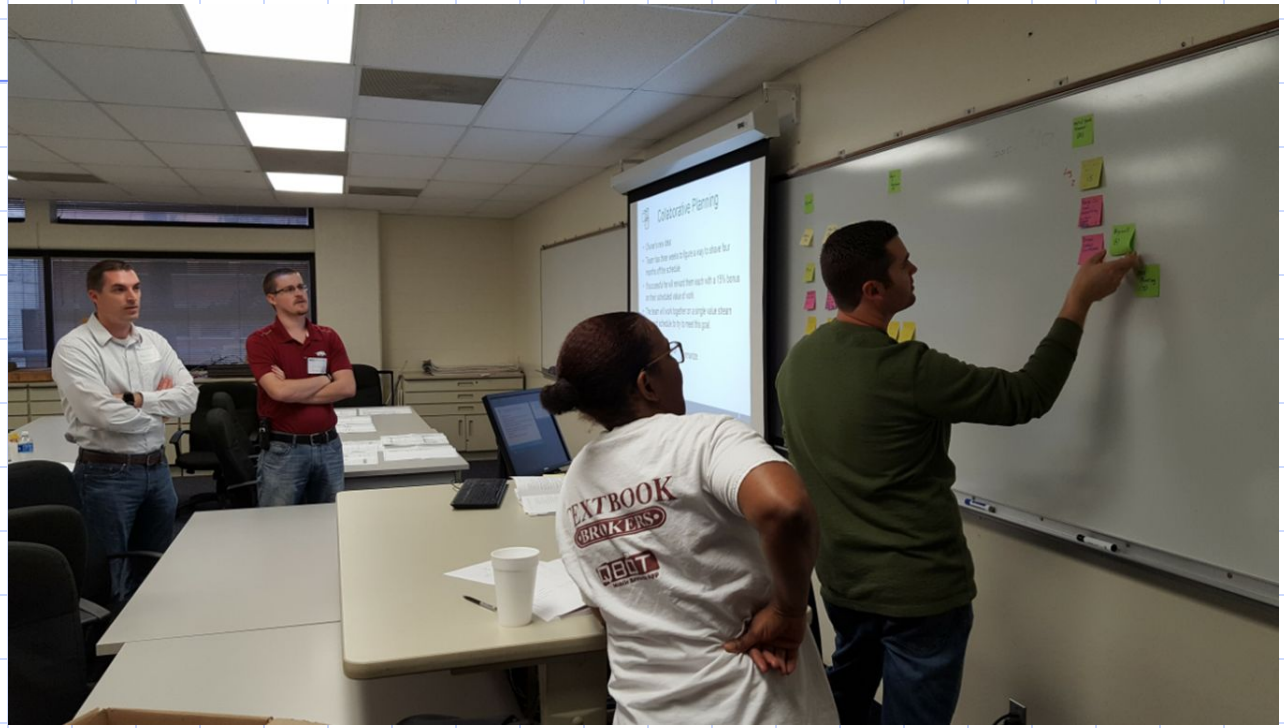
Faculty Updates

- New Faculty – Anne Turner PE
- Mike Tramel returned to classroom
- John Woodard retired
- Dr. Massey was hired by Philander Smith College
- Dr. Bray completing first year as chair

BEST Robotics

- Competition fields built by John Mark Squires and his students

Dr. Bray AGC Lean Class



AGC ARKANSAS

Thanks!!

- Kinco Constructors
- Nabholz
- Baldwin & Shell
- Clark Power

For support of Adjunct Instructors

Department Needs

- Funding to support labs
- Funding for the Department due to budget cuts
- Positions frozen
  - Civil replacement for Dr. Blacklock
  - Environmental replacement for Dr. Massey
  - Senior Instructor replacement for John Woodard

Open Discussion

- Please feel free to ask any question you might have or provide comments