

**Quality Improvement Plan 2018/2019**  
For  
The Construction Science and Management Program

Introduction: The Construction Science and Management Program has set four (4) major Program Goals for its Quality Improvement Plan (QIP). These goals are:

- I. Program Improvements
- II. Faculty
- III. Facilities
- IV. Industry

At the beginning of each academic year, Program Objectives are set under the four program Goals. Then at the end of the academic year, they are summarized, and new or modified Program Objectives are set for the next academic year.

**GOAL I: PROGRAM IMPROVEMENTS**

**Undergraduate**

- 1) Complete and submit the 1<sup>st</sup> year, American Council for Construction Education (ACCE) Progress Report.
  - Submitted and approved at the July ACCE Conference.
- 2) Assist Dr. Spencer in the process of becoming an ACCE Evaluator.
  - Received the necessary training at the ACCE midyear meeting.
  - Made a site visit to the University of Missouri as an “Evaluator in Training”.
- 3) Have all interested faculty attend the ACCE midyear meeting in Houston because of its proximity to Texas State, thus making the meeting affordable to all interested faculty.
  - Several did attend the meeting, which included the “Evaluator in Training” session.
  - Prepared Dr. Smith for both his hosting and presenter roles at the ACCE, Midyear Conference, Industrial Advisory Council’s (IAC) all day meeting.

**Curriculum**

Undergraduate

- 4) Develop the new “Residential Concentration”. (Done)
- 5) List the new CSM 3368 Construction Finance course on the schedule in the Fall 2019 Schedule of Classes. (Done)
- 6) Plan to list the new CSM 3369 Residential Construction Building Practices course in the Spring 2020 Schedule of Classes.
- 7) Plan to list the new CSM 4370 Residential Capstone class in the Fall 2020 Schedule of Classes.
- 8) Continue to offer two or more CSM prefixed classes online for Fall, Spring and Summer semesters. (Done)

- 9) Have four (4) CSM faculty participate in training for delivering online courses. (Done, with several Senior Faculty participating in preparation to deliver our proposed CM Master's Degree courses online.)

### Graduate

- 10) Continue to work on the Master's in Construction Management Degree with Dr. Lee, which has a Fall 2020 proposed start date.

(Note: The Degree Proposal is now in the Provost Office for his review.)

- Make required presentation in support of the Program to various campus committees. (Done)
- Develop the Budget for the Program. (Done)
- Obtain three (3) industry letters of support for the Program. (Done)
- Determine the coursework for the Program. (Done)

### **GOAL II: FACULTY**

- 1) Attempt to get Dr. Vivek Sharma on a tenure track appointment or find his replacement if he accepts another position outside of Texas State.
  - He accepted a position at Clemson University, so his position is currently being searched. (In progress)
- 2) Work to stabilize the temporary Lecturer's Positions. (In progress, with progress being made in hiring Mithil Mazumder and Krushi Lokhande.)
- 3) Attempt to convert one temporary Lecturer position to a permanent Lecturer position. (Done, with Dr. Hyunwhan Kim moved into this position.)
- 4) Help develop the position description for replacing the current Coordinator, Dr. Winek, as he plans to retire in August 2021.
  - Position was filled internally by Dr. B.J. Spencer after a unanimous vote by the CSM Faculty. (Done)
- 5) Hire a "Residential Professor of Practice".
  - Mr. William Holder who holds an MBA and was the former President of Trendmaker Homes in Houston was hired for this position. (Done)

### **III. FACILITIES**

- 1) R.F. Mitte Remodel necessitated by the Engineering Department's eventual move to Ingram Hall and the remodeling of the vacated space to accommodate the new Civil Engineering Program scheduled to begin in Fall 2019.
  - Work with the architects to develop the design of CSM-related spaces.
  - Plan the new Construction Lab, which will move from its current location in RFM 1225 to RFM 1240 (eventually renumbered RFM 1335). The following requests were given to the architects in either a report or verbal format.
    - Floor plan design.
    - Equipment locations.
    - Dust collection design.

- Electrical voltage and outlet locations.
  - Storage room design with shelving.
  - Garage door access to storage area from loading dock.
  - Lockable storage room for supplies and tools.
  - Wall covering to resist indentation.
  - Sound reduction plan.
  - Whiteboard installation.
  - Floor repair to cover the floor electrical outlets used when the room was a computer lab, and sealing the exposed concrete.
- 2) Develop plans to relocate the RFM 1240 computer lab to room RFM 1239, which was vacated by the Engineering Department. (Began Summer of 2019)
  - 3) Drs. Kimberley Talley and B.J. Spencer develop plans to setup and reconfigure rooms on 4<sup>th</sup> floor of R.F. Mitte for VDC & PERSIST LABS.

#### **IV. INDUSTRY**

- 1) Continue to hold a Fall and Spring Construction Advisory Board (CAB) meeting. (Done)
- 2) Determine the best way to accommodate additional Construction and Concrete related companies that wish to attend the Fall and Spring “Construction and Concrete Career Fairs” once the capacity of 72 is reached.
  - Because of fire regulations and space restraints, the best option will be to wait until the new LBJ Student Center Ballroom is completed in Fall 2020, which will be able to accommodate 100 employers. (In progress)
  - Consider raising the CAB dues from \$1,000/year to \$1,500/year. (Done)