

October 23, 2017

Memorandum

TO: Chris Jarrett, SoA, Director
FROM: David Thaddeus, Professor, Committee Chair
RE: NAAB Deficiencies Committee Meeting

The NAAB Deficiencies Committee met on Monday, September 21, 2017 at 1 PM to discuss the deficiencies that were outlined in the 2016 NAAB Accreditation visit. The meeting was attended by all committee members. Members of the Committee who were present at the meeting were Jefferson Ellinger, Kyounghee Kim, Marc Manack, and David Thaddeus.

Based on the NAAB Deficiencies list circulated at the Faculty Meeting on August 18, 2017, the NAAB Deficiencies Committee recommends the following strategies to attempt to remedy each item listed:

B.2 Site Design

Evidence of student achievement at the prescribed level (Ability) was not found in the areas of topography, ecology and soil.

Committee response: Topography and Ecology: The committee suggests giving assignments in ARCH 2102 (Second Year Fall Studio that has established a focus on *Site and Context*) that demonstrate student ability in site and topography manipulation such as *cut and fill, site ecology, and implementing sustainable strategies such as bio-swales, runoff management, and plant management to alleviate cooling and heating loads*. Suggest coordination of these deficiencies with ARCH 4301 (Materials and Assembly)

Soil: Suggest including an assignment in ARCH 4314 (Structural Systems) that addresses soil exploration including *Soil Boring Logs, Atterberg Limits, and other soil properties*. This may also include a visit to the EPIC Labs on campus to become more familiar with soil mechanics and properties of soils. Soil Mechanics Lab tests such as the *Proctor Test and Split Spoon Sampler* may provide better understanding of soils and implications on foundation systems.

B.4 Technical Documentation

Evidence of student achievement at the prescribed level (Ability) for outline specifications

Committee response: The current version of ARCH 4605 (Professional Practice) which was first offered after the NAAB accreditation visit covers the CSI Master Format and includes a rigorous outline of specifications that demonstrates student's ability to apply outline specifications through a Table of Contents that closely adheres to CSI Specifications. (Please see ARCH 4605 assignment in the attachment to this memorandum titled ARCH 4206 RFP Assignment)

B.6 Environmental Systems

Evidence of student achievement at the prescribed level (Ability) was not found in student work prepared with respect to indoor air quality, acoustics, and lighting systems.

Committee response: *Indoor Air Quality:* The committee suggests giving an assignment in ARCH 4302 (Environmental Principles) that demonstrates student's ability to demonstrate the appropriate use of *Air Handling Units, High Efficiency Particulate Air (HEPA) filters, etc...*

Acoustics: The committee suggests addressing this deficiency in a case study assignment focused on acoustics in ARCH 4302 (Environmental Principles)

Lighting Systems: The committee suggests addressing this deficiency in a case study assignment focused on lighting systems in ARCH 4305 (Building Systems Integration)

D.4 Legal Responsibilities

Evidence of student achievement at the prescribed level (Understanding) was not found in the student work in the area of professional service contracts.

Committee response: The current version of ARCH 4605 (Professional Practice) which was first offered after the NAAB accreditation visit covers professional service contracts including *AIA Document B-141: Standard Form of Agreement Between Owner and Architect with Standard Form of Architect's Services*. There are quizzes given to the students since the NAAB visit that demonstrate understanding of this topic. (Please see ARCH 4605 assignment in attachments to this memorandum)

