Assessment 2012

The assessment of our student’s performance towards these goals includes successfully completing area course work, successfully completing the senior project and successfully completing an external examination.

Management: In order to apply the principals of business and management students need to have a solid grounding in the core business disciplines.

- Achieving a passing grade on the prescribed business curriculum will indicate an understanding of core business disciplines.
  - Ongoing
- Successfully completing the senior design project will indicate the ability to apply the core business disciplines to analyze, evaluate and create a plan for the creation of a constructed project.
  - Completed week of 4/30

Construction Science: In order to interact with design professionals and add technical value students need to have a solid grounding in the core concepts of architectural and engineering design theory as well as course work in the application of those theories.

- Achieving a passing grade on the prescribed engineering and architectural curriculum will indicate an understanding of core design principals as well as the ability to apply them to the built environment.
  - Ongoing
- Successfully completing the senior design project will indicate the ability to interact with design professionals and apply the core design principals to analyze, evaluate and create a plan for the creation of a constructed project.
  - Completed week of 4/30

Construction: In order to apply the principals of Construction students need to have a solid grounding in the core concepts of the construction disciplines.

- Achieving a passing grade on the prescribed engineering management curriculum will indicate an understanding of core construction principals as well as the ability to apply them to the built environment.
  - Ongoing
- Successfully completing the senior design project will indicate the ability to apply the core construction principals to analyze, evaluate and create a plan for the creation of a constructed project.
  - Completed week of 4/30
**Overall:** Most professions define a core body of knowledge deemed to be fundamental. The construction profession does not have a single recognized entity that promulgates such a body of knowledge. The American Institute of Constructors and the Constructor Certification Commission have established a body of knowledge that is widely accepted in the industry. The Construction Fundamentals Examination is an assessment of this body of knowledge.

- Achieving a passing grade of the Construction Fundamentals exam indicates an overall understanding of the fundamental Management, Construction Science, and Construction concepts require of a professional constructor.
  - A beta test of the assessment vehicle was conducted in March 2012. Two students took the test and reported that it was extremely rigorous, comprehensive and fair. They recommended that all students take the test in the future.
  - The pass rate for the test nationally was 58%. The two students both passed the test. The passing score was 210, the national average was 210.59, the school average was 216.5.
  - The test measures 10 areas of knowledge. Two students are insufficient to derive any statistically significant variation from the national averages. However, two areas were below the national average and will be monitored on an ongoing basis.