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## Assessment Report for the Construction Management Program

The annual assessment report provides the opportunity to review the state of the construction management

- x Our three student competition teams won the trifecta this year. Our Commercial Building team won first, Design Build second, and Heavy Highway team third place.
- x In the ASC Region 1 student competition. Our team's activities were financially supported by the Rhode Island AGC and the Construction Industries of Rhode Island.
- x The CM Professional Advisory Board (CMPAB) awarded its second endowed scholarship to Eric Cabral. This award was made at a fall, CMPAB sponsored, social in Providence.
- x A search was conducted for a construction management faculty and Dr. Amine Ghanem was hired. He will join the faculty starting with the spring 2013 semester.

The Construction Management program was reaccredited by the ACCE in spring 2005. The First Year Interim Report was submitted in AY 2005-2006 and the Third Year Interim Report was submitted in AY 2007-2008. One published ACCE concern was outcomes assessment. In October 2006 the SECCM published a comprehensive Assessment Plan that detailed the assessment process for the school and each program. The Construction Management program has submitted annual assessment reports in compliance with this plan for AY 2005-2006, AY 2006-2007, AY 2007-2008, AY 2008-2009, 2009-2010, and 2010-2011. This report will address the 2011-2012 academic year.

## **Present**

This assessment report considered both formal and informally gathered data. The formally gathered input information included transcript review, Senior Exit Survey results (Tab F), Senior Capstone Report (Tab G), Associate Constructor Report including exam performance (Tab H), CM Club and SLC reports (Tab I), and Internship Report (Tab J). Informal data included informal conversations between faculty and faculty, faculty and students and between faculty and industry. The Associated Schools of Construction student competition serves as an excellent assessment input – our student's work is formally assessed and scored by industry professionals.

The program educational objectives were first presented in that format for the 2007-2008 academic year. These objectives are shown in the table below.

**Table 4.3-1**

**3. Advance the construction management profession by becoming actively involved in professional associations and societies, serving in professional and community volunteer positions, and acting as a role model for the future generation of constructors and the Roger Williams University Construction Management students.**

Our alumni scored this objective at 4.26 out of 5. Most of our graduates are members of professional associations. Alumni involvement on our CM Advisory Board and as members of our capstone review panel has grown. An alumni subcommittee has been formed by the CM Advisory Board which sponsored our second annual CM Alumni and Senior banquet on May 4<sup>th</sup>. The event was close to a sell out and was again held at the Bristol Yacht Club.

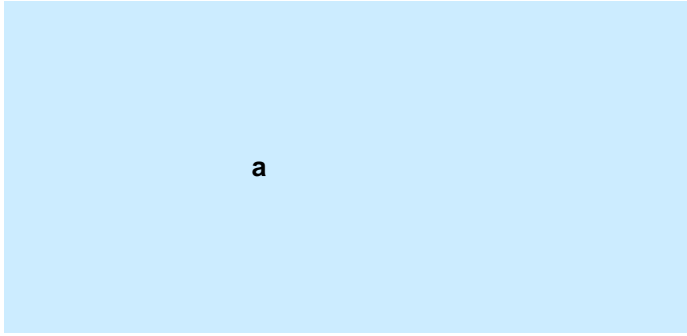


The event was organized by CM alumni and culminated a day filled with CM alumni program involvement. Alumni participated both as capstone project judges and volunteered to meet with all graduating seniors as part of the senior “exit survey” process.



Ron Simoneau of Shawmut Design and Construction, an active CM program supporter and CM Advisory Board member, was honored at this event.

Employers report that our graduates have demonstrated a willingness to become involved in community and professional organizations. Graduates have joined Habitat for Humanity, ACE







**Table 4.3-3 Outcome “b” Metrics**

**Outcome b:  
effective research and problem solving skills applied to typical Construction Management  
tasks**



**Table 4.3-5 Outcome “d” Metrics**

**Outcome d:**

**Table 4.3-6 Outcome “e” Metrics**

<b>Outcome e: an understanding of professional and ethical responsibility</b>			
<b>Metrics Associated with Outcome e:</b>	<b>Where Measured</b>	<b>Met</b>	<b>Comments</b>
1. 75% of graduating seniors will sit for the AC exam.  2. All students will develop and present a case that focuses on professional and ethical respon.1( s)-8(t)-13.1(ude W n BT n B	AC Examination	Yes	Taking the AC1 exam was required for 2012 class

**Table 4.3-7 Outcome “f” Metrics**

<b>Outcome f: an ability to communicate effectively</b>			
<b>Metrics Associated with Outcome f</b>	<b>Where Measured</b>	<b>Met</b>	<b>Comments</b>
1. At least 85% of all mentors and potential employers agree that graduating seniors possess the ability to communicate effectively.  2. 100% of seniors will have the opportunity in construction classes to make an oral presentation at least	Capstone Jury Graduate employer survey	Yes	

**Table 4.3-**

**Table 4.3-9 Outcome “h” Metrics**

<b>Outcome h: a recognition of the need for, and an ability to engage in lifelong learning</b>			
<b>Metrics Associated with Outcome h</b>	<b>Where Measured</b>	<b>Met</b>	<b>Comments</b>
1.7			

**Table 4.3-10 Outcome “i” Metrics**

<b>Outcome i: a knowledge of contemporary issues related to the construction industry</b>			
<b>Metrics Associated with Outcome i</b>	<b>Where Measured</b>	<b>Met</b>	<b>Comments</b>
1. All (100%) of construction students will be exposed to contemporary issues through the Multidisciplinary Core Education component as well as the Senior multidisciplinary Core course	Course Assessment Report	Yes	
2. At least 25% of construction courses will address this outcome.	Course Assessment Report	Yes	
3. Graduating seniors will rate themselves proficient in knowledge of contemporary issues Proficiency is defined as a mean and median score of 4 or above on a 5 point scale where 5 means proficiency achieved and 1 means proficiency not achieved.	Construction Student Exit Survey	No	



There were no significant program changes implemented in the previous year to assess.

As mentioned in Section 2 a number of formal reports were made this year which were reviewed and discussed by the faculty:

**Internship Program**

All agree that one of the most important things

SLC had a good year, participating in a number of volunteer activities, creating a Facebook group and supporting the program at the RI Construction Days. They received the SLC International Best Fund Raising Award at the ASC International Conference. A major initiative set for next year is to better connect past SLC graduates with current and future SLC members.

USGBC continues to be a very popular and active Student Group. The group continues to hold a LEED-GA workshop for university students, c 1(D)-2D 2 >>B9n1s SL9r iunt Shop op

## **Other Topics**

Bill Thumm, Hensel Phelps Construction Company, has replaced Tom Comella as the chair of our CMPAB. Concurrent with Bill's appointment the board has embarked on a major strategic planning effort as the CMPAB continues to look for ways to strengthen and support the CM program. This year the CMPAB presented a second scholarship, conducted mock interviews, participated in senior exit surveys, supported student internship and externships, organized the Alumni and Senior banquet and supported student guest lecture and laboratory activities. Program enrollment remains a major challenge.

