

Construction Management Technology News

<http://www.umaine.edu/cmt/>

Fall 2011

ENROLLMENT: Enrollment stands at 159 students. In the Spring Newsletter enrollment was reported at 168 students. The current breakdown is the following: 33 first-year students, 35 sophomores, 39 juniors, and 52 seniors.

EMPLOYMENT OF GRADUATING SENIORS: All May 2011 graduates were employed in the construction industry. The average starting salary was \$51,000 per year. Offers were not as numerous as five years ago. In a few cases, offers were withdrawn before graduation as the economy continued to stagnate.

LINKEDIN — There are two CMT construction forum groups on LinkedIn. The first is the UMaine Construction Management Technology forum. This forum is run by Cory Verrill (2000). The second is the University of Maine – Construction Management Technology forum. The second is run by John Brockington. Consider joining these groups to stay in touch with other alumni and friends.

AGC STUDENT CHAPTER – This fall, the AGC Student Chapter has been involved in numerous activities. Several students participated in a community service project when the AGC Student Chapter repainted a few items at the Good Samaritan Agency in Bangor, Maine. These items included the entranceway to the building and also all the light pole bases. Students participating included: Ian Messier, Brandon Rexford, Eric Bodwell, Riley Moyer, Peter Kalagais, and Andrew Mannke. Faculty members Mac Gray and Phil Dunn also took part in the project.

The AGC has also held a few pizza nights, the latest being one with Pike Industries. Pike came with former students of the CMT Program who talked about what they are doing now with their career at the company. The Pike employees mentioned what projects they have worked on and also what new technology they were using. It was very informative for everybody who attended and allowed students to see new techniques that are being used in the industry.



Andrew Mannke, front, and Eric Bodwell paint the front entrance to the Good Samaritan Agency



AGC Student Chapter members left to right Eric Bodwell, Brandon Rexford, Ian Messier, Peter Kalagais, Riley Moyer

ABC STUDENT CHAPTER – The ABC student chapter held a pizza night with Cianbro that discussed what employers are looking for in resumes. The new student contact for the chapter is Benjamin Smith. He will be meeting with students to plan for student chapter activities in the spring semester.

ASSOCIATE CONSTRUCTORS EXAM:[†] The Fall 2011 AC exam results were not as good as previous exams. The pass rate for the University of Maine was 43% - considerably lower than normal. Nationwide, 53% passed the exam – also considerably lower. The University of Maine scores surpassed the national average in the categories of Engineering Concepts, Management Concepts, and Surveying & Project Layout. Students were on par with students Nationwide in the topics of Construction Safety; Budgeting, and Costs & Cost Controls. The University of Maine average score was 224. Nationwide, the average score was 214.

The following students passed the associate constructor exam: Chris Amero, Mike Auclair, Ryan Bender, Eric Clifford, Jeff Costello, Zach Drapeau, Alex Hardy, Mike Healy, Adam Laird, Joshua Luce, Eric Ouellette, Greg Pease, Jerod Rideout, Bennett Schaub, Tyler Sivik, Andrew Soucia, Matt Spearin, Stephen Trundy, and Tyler Weymouth. The top score nationwide was 278. Andy Soucia earned a 256 to become the top score at the University of Maine.

[†] All students are required to take the Associate Constructors Exam and pass four of the following sections: Communication Skills; Engineering Concepts; Management Concepts; Materials, Methods, and Plan Reading Bidding and Estimating; Budgeting, Costs, and Cost Control; Planning, Scheduling, and Control; Construction Safety; Surveying and Project Layout; and Project Administration

ASC STUDENT COMPETITION — Twelve students participated in the ASC Region I student competition held in Morristown, New Jersey. They competed in the commercial building and heavy civil categories. Students participating included: Heavy Civil; Ian Messier, Eric Bodwell, Justin Cleaves, Zachary Drapeau, Dylan Smith, and Brandon

Rexford; Commercial Building; Cameron Moore, Christopher Tremblay, Andrew Riley, Peter Poor, Greg Dexter, and Daniel Bouchard.



Heavy Civil Team: Left to Right, Eric Bodwell, Dylan Smith, Ian Messier, Brandon Rexford, Zachary Drapeau, and Justin Cleaves



Commercial Building Team: Left to Right, Cameron Moore, Daniel Bouchard, Peter Poor, Andrew Riley, Greg Dexter, and Christopher Tremblay

SCHOLARSHIPS — The CMT scholarships have the following balances:

- John F. “Jack” Kelley III scholarship (\$14,719 previously-\$13,377.07)
- Stephen R. Nelson scholarship (\$5,136 previously-\$4,665.85)

The following two scholarships are available to CMT and Civil & Environmental Engineering students.

- James “Red” Bell, Jr. Pike Industries, Inc. Scholarship (\$4,635 previously-\$4,206.60)
- Herbert E. Sargent Construction Management & Civil Engineering Scholarship (\$124,539 previously-\$113,187.21).

The following two scholarships are available to CMT students that work for these employers:

- Herbert E. Sargent Scholarship (\$122,752)
- Sargent Corporation Scholarship (\$410,921)
- CPM Constructors Scholarship (\$58,547).

Those scholarships in excess of \$20,000 can make awards to students. Scholarships under \$20,000 cannot make awards until they reach \$20,000 through additional donations or interest accrual.

SCHOLARSHIPS AWARDED — We are pleased to announce the following scholarship recipients:

- Maine Better Transportation Association: Ian Messier, Erik Bodwell, Peter Poor, Greg Dexter
- New England Transportation Technicians Certification Program: Erik Bodwell, Peter Poor



Peter Poor, left, receives the Bob Barton NETTCP Scholarship from FHWA Engineer Michael Praul



Erik Bodwell, left, receives the Leo Stevens NETTCP Scholarship from Retired Mass Highway Department Materials Engineer Leo Stevens

TRIBUTE & MEMORIAL SCHOLARSHIPS — Please consider establishing a tribute or memorial scholarship fund. This is one way to honor a company or individual or preserve the memory of an individual forever while benefiting students. For those persons that would like to provide for a tribute to a contractor or firm or honor a departed individual, a scholarship can be established for as little as \$500 (awarding the scholarship requires at least \$20,000).

PROGRAM FUNDING — The CMT Educational Excellence Fund is an important part of the CMT program. The generous support of the construction industry has a great impact on the quality of the future graduates of the program.

The balance brought forward as of June 30, 2010 was \$19,028.33. Contributions to the fund during the period of July 1, 2010 to June 30, 2011 were \$64,000. Investment income for the period was \$94.21. Our expenditures from the fund were \$19,428.28. The balance in the fund as of June 30, 2011 was \$63,694.26.

Our expenditures for the academic year were for teaching assistance. We shared in the cost of a graduate student with the Dean of Engineering's office. The graduate assistant taught the soils labs and assisted with correcting papers for several of the CMT classes. We also employed an undergraduate to help grade homework papers. We were able to offer a new course, CET 412, Sustainable Construction (LEED training). The instructor was paid through this fund. Additionally, two adjuncts were paid through the fund to assist with lab instruction. Finally, one member of the faculty attended a BIM and Lean Construction Workshop through partial support from the fund.

Our plan for the 2011-2012 academic year is to continue funding of a graduate student and adjuncts for CET 412, and CMT labs as needed and available.

APPRECIATION — Several firms and individuals have helped with the CMT program. Appreciation is extended to the following firms for volunteering people to speak to the class:

- Cross Agency
- Reed & Reed
- Nickerson & O'Day
- Gilbane
- ABC
- Cianbro
- Maine Department of Transportation
- Advanced Wood Composites Center
- Sargent Corporation

The following firms provided “pizza nights” to the students:

- ABC & Cianbro
- Pike

AGC sponsored the CMT Welcome Barbeque on the first day of the semester along with the Sargent Corporation.

Firms such as Nickerson & O'Day were kind enough to open up their project sites for class visits.



Members of the Freshman class, Class of 2015, listen to project team members from Nickerson & O'Day discuss the Old Town High School Addition project during the CET 100 class field trip

ADJUNCT FACULTY — The CMT program had teaching assistance from Robert Falciani who handled the scheduling lab. Bob is a retired mechanical engineer who practiced on the west coast and is now retired to Camden. Tom Perkins, a CMT graduate, taught a sustainable construction course in conjunction with Ellen Angel, an architect with Ames AE in Bangor. Tom owns Dirigo Engineering and is a facilities consultant with current contracts at UMaine.

E-MAIL ADDRESSES — This newsletter is sent to all alumni by e-mail. If you have the e-mail address of other alumni, please send the address to Knud Hermansen at

knud.hermansen@umit.maine.edu so they will receive news from the University of Maine.

NEWS FROM THE DIRECTOR: It has been a great Fall in the School of Engineering Technology. Enrollments are continuing to remain strong. We began the semester with approximately 150 students in the CMT program. Phil Dunn has quickly adjusted to his new role as Program Coordinator for the Construction Management Technology program. Our university budget is stable so we have been able to focus on continuously improving our programs. The CMT Excellence Fund has been instrumental in allowing us to bring in Adjunct Faculty to augment and reduce the overloading on our excellent faculty. The faculty continue to bring new innovations into the classroom in both programs enhancing the undergraduate classes. My thanks go out to all of you that have provided support for our programs and I wish your business will continue to grow in the upcoming year as we start to climb out of the recession.

COMMENTS OR QUESTIONS: Contact Knud Hermansen at 207-581-2168 or Knud.Hermansen@umit.maine.edu if you have comments or questions regarding this newsletter or program information.