Program Academic Quality Plan

A. Construction Management Program Mission:

The primary mission for the Construction Management Program is to provide the highest possible quality general construction education to undergraduate students who are preparing for careers in the construction industry.

The secondary mission is to maintain ongoing contact with the construction industry and to provide support for this industry.

B. Construction Management Program Goals and Objectives

Major Program Goals:

• Goal A: Improve the quality of instruction within the program
• Goal B: Provide support for the construction industry
• Goal C: Measurably improve the overall quality of the construction program
• Goal D: Support professional development for program faculty
• Goal E: Improve the newly-established heavy/civil construction option within the program

Listed below are both the near and long term objectives of the CMGT Program as they relate to the program mission and goals.

On a larger scale, the Construction Management Program has developed a comprehensive assessment program that coincides with the university’s assessment plan, the college’s assessment plan and the department’s assessment plan and is based on the goals and objectives of the Construction Management Program. This assessment program consists of two primary components: 1. Student Learning Outcomes Assessment and, 2. Program Outcomes Assessment.

The goals and objectives are integral parts of a comprehensive assessment program that has been initiated and implemented within the CMGT program at Central Washington University. This assessment process is intended to monitor the quality of the program, identify areas that need improvement and provide feedback that allows these changes to be implemented and recorded. This process is the responsibility of the department chair and all faculty members involved with the program but the program coordinator creates an annual report, due in June of each academic year that presents the data collected, interpretation of the data and the specific results and changes that were made to the program.

Program Objectives:

Goal A: Improve the quality of instruction within the program

1. Continue to revise existing courses on a three-year cycle, based partially on industry review and recommendations through the Curriculum Review Committee of the Construction Management Advisory Council.
2. Maintain small class size with an average enrollment of 25 students and a maximum enrollment of 35 to 40 students in the CMGT courses.
3. Continue to improve permanent course, CMGT 452 LEED (Leadership in Energy and Environmental Design) and sustainable building, which was added in the winter of 2008.
4. Continue to incorporate contemporary software into the CMGT courses, including making the switch from MS Project to Primavera P6 (for scheduling) by the fall of 2012.

Goal B: Provide support for the construction industry
1. Present two programs or seminars per year for the architectural, engineering, construction industry or assist with two workshops or short courses in conjunction with established industry organizations such as AGC(Associated General Contractors)/ASCE(American Society of Civil Engineers)/AACE(American Association of Cost Engineers).
2. Place a minimum of 80% of graduates in responsible positions in the construction industry.
3. Bring a minimum of 40 employers on campus to interview students for jobs each year, including the CMGT/IET job fair in November.
4. Achieve an overall employer satisfaction rating of 80% or better for CMGT graduates, as measured through an employer survey.

Goal C: Measurably improve the overall quality of the construction program
1. Improve the overall level of general construction knowledge of seniors in the program with a minimum of 70% of the seniors passing the AIC (American Institute of Constructors) Level I exam and a minimum average score for all seniors of 70%.
2. Continue efforts underway by the Construction Management Advisory Council. These efforts include:
   • Fund-raising with the ultimate goal of creating a Council budget that is self-sustaining.
   • Sponsor annual alumni/contractor events.
   • Conduct two meetings per year to provide advice on curriculum, program needs, etc.
   • Publish two "Building Times" newsletters per year.
   • Continue industry and university relations efforts for the program.
3. Provide at least one community service project each year through Sigma Lambda Chi, the AGC Student Chapter, MCA (Mechanical Contractors Association) Student Chapter or the NAHB (National Association of Home Builders) Student Chapter.
4. Compete in the Associated Schools of Construction Region VII competition each year. The objective is to place in all categories in which Central competes (commercial, mixed-use and heavy/civil) each year.
Goal D: Support professional development for program faculty
1. Send each faculty member to a minimum of one professional conference per year.
2. Have each faculty member write and publish a minimum of one paper or article per two year period or write and submit a grant application relative to his/her area of expertise.
3. Continue a faculty internship program where each faculty member can intern with or visit a contractor at their home office or a project site on an annual basis.

Goal E: Improve the newly-established heavy/civil construction option within the program
1. Utilize the earnings from the endowed sum of $500,000 ($250,000 from private industry and a $250,000 match from the state) to hire adjunct help or a part-time tenure-track faculty member to assist with the heavy/civil option.
2. With assistance from the Advisory Council, continue to improve the new course, CMGT 443, Heavy Utility Construction as a course within the heavy/civil construction option.
3. Continue to develop and improve the highway materials/asphalt lab, in conjunction with CMGT 461, the highway materials and design course. Incorporate new equipment and laboratory exercises by the spring of 2012 in the new laboratory space located in the new building addition, Hogue room 105.