PROGRAM OBJECTIVES:

Objectives of the Construction Management program are to graduate a student who:

- Has strong construction related communication skills including
  - Technical writing
  - Presentation skills
  - Meeting management
  - Analyzing accounting financial reports
  - Visualization and interpretation of construction drawings

- Knows how to interact with fundamental and construction specific software

- As part of the management team of a construction company:
  - Manage a basic construction project
  - Prepare estimates
  - Schedule construction projects
  - Cognitive of basic safety standards

- Understands the project development process and the fundamentals of architecture

- Can utilize basic structural concepts to analyze engineering design problems.

- Has demonstrated the ability to identify and analyze problems commonly encountered by construction managers, and to solve them.

Methods to assess the competency of the Construction Management program and its students.

To evaluate the success of the program goals, the following assessment methods will be used

- Lower level courses
  - Traditional examinations of basic construction principles
  - Quizzes
  - Other assignments
    - Written and oral reports about construction principles and methods.
    - Analysis of construction documents.

- Upper level courses
Lower level methods

Review of written and oral Team projects

Analysis and written and oral Independent projects

Professional Constructors will participate in project review teams by critiquing both written and oral presentations

- Capstone courses will demonstrate that the construction students have gained a basic knowledge of construction principles and methods, interdisciplinary relationships, including practices.

- Students will be evaluated in a setting similar to that in which they will be required to function in the entry level positions of industry

- Professional Constructors will be asked to participate in the review of student presentations and written assignments

- An exit examination will measure knowledge acquired through the curriculum.

- In the final semester as a part of the capstone course students will be required to take the Constructor Certification examination that has been developed by a joint commission of industry organizations and coordinated by the American Institute of Constructors

- The CPC Exam assesses competency in the following area:
  - Communication skills
  - Design/Engineering and Math/Science
  - Management Concepts/Philosophy
  - Construction Materials/Methods
  - Estimates, Plans/Bids
  - Budget/Cost Account/Closeout
  - Scheduling and Control
  - Safety
  - Survey, Project Layout
  - Project Administration

- Subscores will be used to determine if the curriculum is weak in an area
Exit interviews conducted during the last semester on campus will determine the graduates’ analysis of their experience in the UALR Construction Management program.

Follow-Up Assessment:

Alumni surveys will be surveyed at 6 month and three-year cycle after graduation.

- The survey will evaluate the program in terms of the ability to succeed in the management of a construction company.
- Surveys will be used to identify those areas in which the students' believe they were not properly prepared to enter the industry and those courses which were weak or poorly taught.

Periodically employer surveys in addition to regular reviews o the Construction Advisory Council will collect performance characteristics of graduates.

- Response trends will indicate topics that were inadequately covered and skills not sufficiently developed.
- Employers of alumni will also be asked to identify additional topics that should be included in the curriculum and why.

Construction Management Advisory Council will be asked to evaluate the program content and make recommendations for improvements.

Use for Program Improvement:

- Results of traditional methods and projects will be reviewed as they occur and the faculty will make appropriate changes.
- Results of the CPC examination, surveys, and recommendations will be published and made available to students, faculty, administration, alumni, and the construction industry.
- Each year, in cooperation with the Advisory Council, the Construction Management faculty will review all survey data and develop changes to the program, deemed appropriate.

2. List near and long-term objectives in relation to how it is intended that program goals will be achieved and how progress or achievement will be measured.