

**Western Michigan University
Department of Civil and Construction Engineering
Construction Engineering Employer Survey**

The purpose of this survey is to evaluate our construction engineering program. The department will use your assessment only to improve our program. Your cooperation is greatly appreciated.

Note: please include address if different than the address label.

Name of Employer: _____

Title of person completing this survey: _____

Department/Division of person completing this survey: _____

Number of WMU construction engineering graduates in the composite pool for this survey: _____

Engineering graduates of Western Michigan University, like all graduates from engineering programs across the nation, may vary in their abilities and capabilities. We would like your responses on this survey to reflect an average or “composite” graduate rather than the strengths or weaknesses of one individual WMU graduate who is an employee of your company.

Please provide your opinion to the following statements.

The immediate supervisor should evaluate the composite graduate objectively. Please compare our graduates’ performance with that of other graduates of comparable academic level and work experience.

Please use in the following scale (5=Strongly Agree; 4=Agree; 3=Disagree; 2=Strongly Disagree; 1=Not Applicable) in answering the following questions.

1. The construction engineering graduates are, able to, or can: (5 4 3 2 1)
- a. communicate effectively.
 - b. work effectively in a team setting.
 - c. function in a professional and ethical manner.
 - d. function comfortably in culturally and ethnically diverse environments.
 - e. encouraged and eager to pursue professional growth.
 - f. understand the environmental, economic, and societal impacts of professional decisions.
 - g. seek help in areas outside their expertise.
 - h. employ their knowledge of mathematics, science, engineering, and technology.

- i. encouraged and eager to continue their education through life-long learning opportunities including conferences, workshops, graduate education, and/or self-study courses.

2.. The construction engineering graduates demonstrate expertise in:

- a. using current engineering/computer tools and techniques.
- b. defining a problem, designing solutions, and comparing alternatives.
- c. structural analysis, design concepts, and principles performing his/her job duties.
- d. transportation engineering concepts and principles performing his/her job duties.
- e. construction engineering, management concepts and principles performing his/her job duties.
- f. codes and specification principles performing his/her job duties.
- g. environmental engineering concepts and principles performing his/her job duties.
- h. construction materials and methods performing his/her job duties.
- i. geo mechanic principles performing his/her job duties.

3. Western Michigan University construction engineering graduates compare favorably to graduates from other institutions?

More prepared

Equally prepared

Less

Thank you for your participation. Please return the survey to Professor Haluk Aktan by fax at (269) 276-3211, by email at haluk.aktan@wmich.edu, or by mail at Western Michigan University, Department of Civil and Construction Engineering, 1903 West Michigan Avenue, Kalamazoo, MI 49008-5316.