

**MAJMAAH UNIVERSITY**  
**COLLEGE OF ENGINEERING**  
**Faculty Report**

**A: Course Information**

<b>Department:</b>	Civil and Environmental Engineering	<b>Academic Year/Semester:</b>	2016\17\Second
<b>Course Title:</b>	Surveying 2	<b>Course ID:</b>	CE 371
<b>Number of students:</b>	17	<b>Section Number:</b>	484
<b>Instructor Name:</b>	<b><u>Dr. SaMeH S Ahmed</u></b>		

**B: Assessment Analysis Results:**

Student Outcome Covered in this Course	Assessment methods	Assessment Analysis	
		Achievement	Comments
<i>a</i>	Midterm exams (1) – Final Exam.	93.1%	Good result
<i>b</i>	Quiz, HW, Lab exam – M2, practical sessions and final exam.	63.4%	Some students didn't perform good in the final practical exam and didn't submit some HW
<i>c</i>	Lab, M2 and Final exam.	60.8%	Math problem and lack in concentration during the exams.
<i>d</i>	HW, Lab works – activities and behavior.	100%	Students like practical session very much
<i>e</i>	Quizzes, M1 and M2, Final exam, HW – lab sessions – mini projects	64.7%	Needs improvement in solve the problems to the end.
<i>f</i>	HW and class participation.	100%	Excellent
<i>k</i>	Quizzes , M1 , final exam	84.3%	acceptable

**C: Recommended Actions:**

Actions recommended to improve student outcomes based on the analysis (Select)	
<b>Course Objectives</b>	Aim more to satisfy the practical part using mini projects
<b>Student Outcomes</b>	Some of the outcomes need to be emphasized in other course like [ <i>b,c, e,k</i> ]
<b>Assessment methods</b>	Indirect assessment is needed for the opinion of the students
<b>teaching strategies</b>	Power point presentation is not needed in this course, only to cover 20%
<b>Textbook</b>	Textbook is there, but students need encouragements to buy and use it.
<b>References</b>	Available and provided for each topic. Always update the references.
<b>Course contents</b>	Other types of curves need more time with a practical session.
<b>Other aspects</b>	Keep the maximum number of students during lab session at 8

## D: Action Plan:

Action plan to improve student outcomes for the Next Semester/Year				
Actions Recommended	Action Points and Process	Period	Responsible	Notes
Enhance the practical part for design of simple curve	Conduct field measurements and design simple curve on the nature	Week 8 and 11	Instructor	Depends on the availability of sufficient Total Stations
Placing before the class mind-provoking and thinking questions.	Asking the students to suggest a solution before giving them the correct answer	During all exercise sessions	Instructor	Most of the students do not like this methods but it is a useful method
Math problems	Explain the basics of Math needed for calculations before go deeply in the topic	10 minutes before any topic needs explanations	Instructor	
Ethics and behavior	Insist that the student must submit homework's on time	For any homework or assignment	Instructor	Define the date early and logically, consider their other duties.
More practice in using Total station	Mini projects	Weeks 6 and 11		

Instructor's Signature:

*SAMEH*

Date: 20-05-2017

The report reviewed by the quality committee in the department. The coordinator of the quality committee:

Name:

Dr. Sameh S Ahmed, for this course review done by: Prof. Syed Abbas

Signature:

*SAMEH*

Signature:

*Abbas*

Date: 20-05-2017

Date: 21-05-2017