

# CE 371 Surveying Course Introduction

Dr. Ragab Khalil  
Department of Landscape Architecture  
Faculty of Environmental Design  
King AbdulAziz University  
Room L1E15

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## • Overview



- Course objectives
- Instructor
- Getting help
- Course structure
- Grading and evaluation
- Required tools

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## Course objectives



- At the conclusion of this subject, students will...
  - Be able to carry out some basic surveying tasks (including measurement and analysis)
  - Use appropriate instruments to measure distances, angles and heights.
  - Appreciate sources of error and the measures taken to minimize errors
  - Be familiar with various technologies and techniques used for surveying

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## Instructors



### •Dr. Ragab Khalil

- Associate Professor, Faculty of Environmental Design
- Room LIE15, Ground Floor, Building 30
  
- E-mail: khalilragab@yahoo.com

### •Mr. Mohamed ibn Anwar

- E-mail: mianwar@kau.edu.sa

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## Office hours...



- Students are encouraged to seek assistance from the Lecturer or Assistant as required
- Office hours :
  - **Monday 12:00 – 14:00**
- Make an appointment or just show up (but be prepared to wait)

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## Getting help



- WhatsApp Group

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## Course structure



- Two lectures and one lab session
- Topics introduced in lecture are explored in lab session
- Periodic assignments ( 4 Assignments)
- 2 Quizzes
- Midterm Exam
- Final lab practical exam
- Final exam

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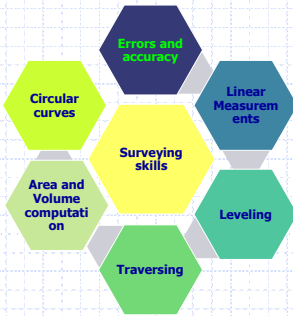
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## Subject structure...



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## Timetable...



- **Lectures :**
  - Monday & Wednesday 10:00 - 12:00 (surveying Lab)
- **Practicals :**
  - Monday & Wednesday 14:30 - 17:30

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## Grading and evaluation



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1 <sup>st</sup> Quiz	10 pts	} Year work: 65 pts
Mid Exam	15 pts	
2 <sup>nd</sup> Quiz	10 pts	
Assignments	10 pts	
Lab Exercises	20 pts	
Lab Exam	5 pts	} Final: 35 pts
Final Exam	30 pts	
<b>Total points</b>	<b>100</b>	

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## Course Material...



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- **Recommended reading :**
- Ghilani, CH. and Wolf P., "*Elementary Surveying An Introduction to Geomatics*", 13th ed., Prentice-Hall, Inc., New Jersey, USA 2012.
- **Handout:**
- Sohail Almadani, CE371, Lecture notes
- **Subject homepage :**  
<http://rmohamed.kau.edu.sa/Pages-CE371.aspx>

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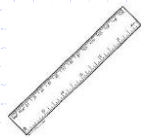
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## Required tools



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- Scientific Calculator.
- Ruler.
- pencil.
- Field notebook.



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## Class behavior



- All students are required to attend all classes and laboratories.
- Attendance will be taken during each class session.
- Good behavior in the classroom is expected from all students.
- Students who engage in unacceptable behavior will be asked to leave the class.
- Absence >25% leading to Exam Denial.
- Always bring your tools with.
- **No Sleeping, Eating, Drinking or chewing in the class.**
- **Turn off all cell phones and Other electronic devices before class.**

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## Exam behavior



- Students who engage in unacceptable behavior will be asked to leave the Exam.
- Appropriate actions will be taken if cheating and academic dishonesty were to occur.
- **No re-Exam.**
- **No tools exchange.**

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## Questions



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