

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Applies Analytical Chemistry
Course number	CHEM4235
Faculty	
Department	
Course type	College Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - students will be able to discuss different analytical methods taught during the course
2 - students will revise the classical and instrumental analytical methods for different types of materials

#### Course Contents

1 - This course involves the analysis of ores and allied materials including iron ore, manganese ore, and phosphate ore. Also it covers some selected methods for the analysis of elements such as aluminum, carbon, chromium, iron, magnesium, manganese phosphorous, silicon, sulfur, titanium. The chemical analysis of concrete and mortars of Portland cement and the lime stone. The course will cover some groups of food products.
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#### Teaching and Learning Methods

1 - lecture performance
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#### Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
first midterm exam	1h	20%
second midterm exam	1h	20%
final exam	2h	50%
Homeworks and presentations	-----	10%

#### Books and References

Course note	notes and readings provided by the lecturer according to the topic.
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