

## Syllabus

**EE469** : Selected Topics in Electromagnetics - (3) Credit Hours – Sec. 55249

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### Introduction to Radar Systems

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Instructor : *Dr. Sami Alhumaidi*  
Email : salhumaidi@ksu.edu.sa

Textbook : ***Principles of Modern Radar: Basic Principles***  
By : Mark Richards, James Scheer, William Holm

Hours : Sunday, Tuesday, Thursday, 8:00 – 8:50 AM  
Location : Building 3, 1<sup>st</sup> Floor, Room B-19  
Pre-requisites : EE214, EE301

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#### **Course Grading:**

Homework	10%
MATLAB Assignments	10%
Midterm I	20%
Midterm II	20%
Final	40%

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#### **Course Content:**

Chpt1 : Sec. 1.1 – 1.8  
Chpt2 : Sec. 2.1 – 2.12  
Chpt3 : Sec. 3.1 – 3.3  
Chpt4 : Sec. 4.1 – 4.5, 4.8 – 4.10  
Chpt6 : Sec. 6.1 – 6.4  
Chpt7 : Sec. 7.1 – 7.4  
Chpt8 : Sec. 8.1 – 8.6

Homework and MATLAB assignments : To be handed out in class.