

King Fahd University of Petroleum & Minerals
Department of Mathematical Sciences

*The Applied Mathematics Group
is pleased to announce that*

Dr S. Messaoudi



will offer a full semester course on

Sobolev Spaces

When? This Semester (041)

Course Objective? Presentation of Sobolev Spaces with applications

Topics to be covered?

- Brief Review of Lebesgue Spaces
- Sobolev Spaces on \mathbb{R}
- Sobolev Spaces on \mathbb{R}^n
- Applications to Initial Value Problems and Initial Boundary Value Problems.

Who can attend? Faculty and Graduate Students

Schedule? Attend the organizational meeting at 10am on Sunday, Sept 12 in Room 5-101.