

**King Fahd University of Petroleum & Minerals**  
**Department of Mathematics and Statistics**

**Term 111**  
**MATH 551 – Take-home Exam 1**

**Due date = Monday, October 31, 2011**

Solve **10** exercises from Chapters II and III (**5** from each chapter and from different sections).

**Your Choice:**

	<b>Chapter/Section</b>	<b>Exercise</b>	<b>Score out of 10 (*)</b>
<b>1</b>			
<b>2</b>			
<b>3</b>			
<b>4</b>			
<b>5</b>			
<b>6</b>			
<b>7</b>			
<b>8</b>			
<b>9</b>			
<b>10</b>			
<b>Total out of 100</b>			

(\*) Easy correct exercises won't be counted. Here "easy" means a straightforward proof using definitions and/or direct application of the results from the book.