Memorial University of Newfoundland
Faculty of Engineering and Applied Science

Engineering 5420 – Probability and Random Processes - Winter 2013
Advance Course Information

Instructor: Dr. Cecilia Moloney, Email: cmoloney@mun.ca
Office: EN-3072, Tel: 709-864-8961

Classes: Monday, Wednesday, Friday, 3:00-3:50pm, in EN-1054
First Class: Monday, Jan 7, 2013, 3pm, EN-1054
Office hours: TBA

Course Topics:
- descriptive statistics
- basic probability
- random variables
- multiple random variables
- random processes
- selected applications for engineering

Required Texts:

Things You Can Do Now To Prepare for Engi 5420:
- Notice the use of statistics and probabilities in the news, in entertainment programs, and in other media, and in conversations around you.
- Notice how you use statistics and probability every day.
- Think about what it means to say that something is random.

Motivating Quote:
“Modern statistics [based on probability] is … an exciting subject which uses deep theory and powerful software tools to shed light on nearly every aspect of our lives—from astronomy to medical research, and from sociology to party politics to big business.”

More Information? Email me.