

## FACULTY OF SCIENCE Department of Mathematics and Statistics

Pure Mathematics 501 / 601

**Integration Theory** 

(see Course Descriptions under the year applicable: <a href="http://www.ucalgary.ca/pubs/calendar/">http://www.ucalgary.ca/pubs/calendar/</a>)

## Syllabus

## **Topics**

Measure and Integration Theorem Radon-Nikodym Theorem L<sup>p</sup> spaces Product measures Measurable dynamics (if time permits)

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2004:07:01

combined with PMAT 601: 2011:07:01