



Pure Mathematics 545

Honours Real Analysis II

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

Syllabus

<u>Topics</u>	<u>Number of Hours</u>
Sequences and Series of Functions	7
Theory of Fourier Analysis	6
Functions of Several Variables. Inverse and Implicit Function Theorems. Rank Theorem	10
Integration of Differential Forms. Stoke's Theorem Measure. Lebesgue Measure. Lebesgue Integration	10 3
TOTAL HOURS	36

* * * * *

2007:08:01
Name change to Math 545/description change: 2011:07:01
KB:jml