



APPLIED MATHEMATICS 371 "Computing for Mathematicians"

Calendar Description: H(3-0T)

Modules M1 (Applied Mathematics 001), MS (Applied Mathematics 002) and the completion of a project in Computational Mathematics.

Prerequisite: Mathematics 221 and 253 or 263 or Applied Mathematics 219.

Syllabus

<u>Topics</u>	<u>Number of Hours</u>
Maple Basics	5
Matlab Basics	5
Programming in Maple	7
Programming in Matlab	7
Applications to Scientific/Mathematical Computing	12
TOTAL HOURS	36

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