Mathematics 110
Unit Information

Unit Coordinator and Lecturer

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Unit Outline

The aim of this unit is to provide the necessary skills to understand the mathematics used in the biological and agricultural sciences and to perform the calculations necessary in these sciences.

Topics covered are: vector and matrix algebra, functions, graph sketching, solving equations, fitting functions to experimental data, differential and integral calculus, differential equations and functions of several variables.

Reference books

Goldstein, Lay and Schneider: "Calculus and its applications" 10th Edition (11th edition newly available).

Assessment

Assignments: 25%
Examination: 75%.

Tutorials (Internal Students)

Tutorial groups will meet once each week, at times to be announced. Students will be assigned to tutorial groups in the first week of classes. You can, from time to time, attend a different tutorial group, but please inform the Coordinator if you wish to make a permanent change.

Tutorials will start in the second week of semester.

Assignments

For all students there will be ten assignments during the semester. The questions are designed to provide useful feedback on individual progress with the unit.

Examination

There will be a final three-hour examination which contributes 75% of the assessment for the unit.

Assignment Schedule (External Students)

Assignment 1 - to be posted by Feb 28th
Assignment 2 - to be posted by March 7th
Assignment 3 - to be posted by March 14th
Assignment 4 & 5 - to be posted by April 4th
Assignment 6 - to be posted by May 2nd
Assignment 7 - to be posted by May 9th
Assignment 8 - to be posted by May 16th
Assignment 9 - to be posted by May 23rd
Assignment 10 - to be posted by may 30th
Assignment 11 - to be posted by June 6th

Adam Harris
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