Organisation

The MA42001 module is a Level 4 module. In order to take this course you should have passed modules MA41001, or have an equivalent qualification. The module leader is Prof G Hornig (gunnar@maths.dundee.ac.uk).

Course content

The aim of this course is to carry out a substantial project in mathematics and document the work in a project report and a presentation. This requires extracting information from mathematical literature, understanding, and solving a mathematical problem. Following this the results have to be written up in a project report and presented in a short talk. It requires also independent learning and problem solving skills, as well as time management and organisational skills.

Assessment

Students are given a project outline at the start of the semester. They are entitled to three hours of contact time with a designated member of staff for questions. A computer suite with software (Matlab, Maple, LaTeX, Powerpoint) is available for working on the project and writing the report/presentation. The report is assessed and forms 80% of the summative assessment. The remaining 20% is for the presentation.

Pre-requisites

In order to take this course you should have completed the module MA41001.

Your Commitment

You are expected to work independently on your personal project. A supervisor is assigned to you who can help if you have questions. The contact time with your supervisor should normally not exceed three hours. If you are unable to complete elements of the coursework on time on medical grounds, you should inform the module leader, your supervisor and submit a medical certificate to the School Office.

Study Support

If you are having difficulty with the coursework you should make an appointment to see your supervisor.

Feedback

At the end of the module you will be asked to complete a confidential questionnaire regarding the content and presentation of the module. This is an important element in the University’s Academic Standards procedures.
You may bring matters of concern about the course to the attention of the Mathematics Division Staff/Student Committee, which meets once each semester. A volunteer will act as 4th year representative to sit on the Staff-Student Committee; their name will be posted on BlackBoard.