

STRUCTURAL GEOLOGY 1 consists of 10 lectures and 10 practicals as shown below.

Copy all the files from the CDs into one folder on your computer. This is essential to ensure that all the links between lectures and practicals will work.

We suggest that you view the files in Full Screen mode accessible from the View menu in Acrobat Reader. However, you may at times wish to view the thumbnails to the pages, again using the appropriate button in Acrobat Reader. There are many different options and features available in Acrobat Reader - spend some time familiarising yourself with the software.

LECTURE 1 [FOLDS](#)

LECTURE 2 [THE GEOMETRIES OF FAULTS 1](#)

LECTURE 3 [THE GEOMETRIES OF FAULTS 2](#)

LECTURE 4 [JOINTS, VEINS AND STYLOLITES](#)

LECTURE 5 [SHEAR ZONES AND FAULT ZONES](#)

LECTURE 6 [DEFORMATION MECHANISMS & MICROSTRUCTURES](#)

LECTURE 7 [STRESS AND STRAIN](#)

LECTURE 8 [FAULT SYSTEMS](#)

LECTURE 9 [POLYPHASE STRUCTURES](#)

LECTURE 10 [THE PLATE TECTONIC SETTING OF STRUCTURES AND DEFORMATION](#)

PRACTICAL 1 [INTRODUCTION TO STEREOGRAPHIC PROJECTION](#)

PRACTICAL 2 [STEREONETS 2](#)

PRACTICAL 3 [STEREONETS 3](#)

PRACTICAL 4 [STEREONETS 4](#)

PRACTICAL 5 [MAP PRACTICAL](#)

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PRACTICAL 9 [MAP PRACTICAL](#)

PRACTICAL 10 [SOFTWARE FOR STRUCTURAL GEOLOGY](#)



School of Earth
Sciences

Structural Geology 1



[COURSE DESCRIPTION DOCUMENT](#)

(NOTE: AN EXAMPLE OF A PAST
EXAM QUESTION PAPER IS
INCLUDED ON THE CD)