Mathematica is one of the most powerful versatile computing software which increasingly has been used by both engineers and scientists and banks and financial institutions to tackle their problems.

THE COURSE PROVIDES

+ Introduction to fundamentals of Mathematica

+ Programming Mathematica Style

+ Solving problems from Finance and Engineering

+ Hands on training with Mathematica

The course consists of two parts: in the morning, we give an introduction to use Mathematica “out of the box”, demonstrating how to perform basic operations, building up computations, creating professional and magnificent two- and three-dimensional graphics and creating dynamic and interactive graphics. We then concentrates on problem solving, using the Mathematica style of programming. This style has revolutionized the way we approach the problem solving. We will demonstrate how to solve problems elegantly and easily which traditionally required long and tedious work, once we adopt the Mathematica style of programming. In the afternoon, we work on problems coming from mathematics, engineering and finance.

CONTACT

DR. R. HAZRAT
(r.hazrat@uws.edu.au)

* For the practical session, the participants should have their own computer and a copy of the software.

SUITABLE FOR ACADEMICS, ENGINEERS AND FINANCE

DATE: 26 March 2014, 9-12 theory, 14-17 practical

ADDRESS: University of Western Sydney, Parramatta Campus

REGISTRATION: https://ipay.uws.edu.au/products_show.asp

FEE: $250 for the one day course. (UWS staff and students $75)