## Academic Year
2011-12

## Module Code
CS7059

## Module Title
Software Engineering Individual Project

## Pre-requisites
Working knowledge of object-oriented programming and basic software engineering techniques

## ECTS
5 ECTS

## Chief Examiner
Dr. René Meier

## Teaching Staff
Dr. René Meier

## Delivery
1 lecture hour per week (although actual contact hours may vary in each week)

## Aims
This module aims to introduce students to the practical aspects of engineering distributed software systems.

## Learning Outcomes
On successful completion of this module students will be able to:
- practically apply the craft and art of the development of object-oriented, distributed software systems
- plan and organise a software project
- investigate, select and apply techniques and technologies relevant to a distributed software project, including software architecture, commercial software libraries, concurrent programming and networked programming
- undertake complex distributed and concurrent programming tasks

## Syllabus
Students will complete an individual, object-oriented concurrent and distributed programming project with a strong view to the practical application of essential software engineering concepts and complex programming tasks. The project will be self-paced and students will investigate a number of issues related to engineering concurrent and distributed software systems. Project outcomes will be reported in the form of deliverables entailing both written reports and code demonstrations.

## Assessment
Assessment will be based on the deliverables that are part of the programming project.

## Bibliography

## Website