

## INFORMATION SECURITY GROUP Course Specification 2013-14

<b>Code:</b>	IY5501	<b>Course Value:</b>	0.5	<b>Status:</b>	Core A / Core B
<b>Title:</b>	<b>Security Management</b>			<b>Availability:</b>	Autumn Term
<b>Prerequisites:</b>	None			<b>Recommended:</b>	None
<b>Module Leader:</b>	Lizzie Coles-Kemp				
<b>Course Staff</b>	External Speakers / Lizzie Coles-Kemp				
<b>Aims:</b>	<p>This course will :</p> <ul style="list-style-type: none"> <li>• explain the need for effective security management.</li> <li>• identify the problems associated with security management.</li> <li>• consider the ways in which various organisations solve these problems.</li> </ul>				
<b>Learning Outcomes:</b>	<p>Successful completion of the course will enable students to:</p> <ul style="list-style-type: none"> <li>▪ evaluate security management requirements;</li> <li>▪ analyse critically alternative security management strategies and methods;</li> <li>▪ propose effective methods for solving security management problems;</li> <li>▪ compare and critically evaluate different approaches to security management.</li> </ul>				
<b>Course Content:</b>	<p>The list of topics may vary slightly to reflect developments in the subject but typically will include:</p> <ul style="list-style-type: none"> <li>▪ What is security and why is it necessary?</li> <li>▪ Security Management - Systems, Models and Frameworks</li> <li>▪ IS 27001 - Information Security Management for Business Benefit.</li> <li>▪ Internal Control, Audit and Security.</li> <li>▪ Risk analysis and CRAMM</li> <li>▪ Business continuity planning – a safety net for business</li> <li>▪ Building an information security management framework</li> <li>▪ Information Security, Governance and the Law.</li> <li>▪ The Business of Trust.</li> </ul>				
<b>Teaching &amp; Learning Methods</b>	<p>The course will be delivered through 11 three-hour sessions, each of which will include a lecture given by an industrial expert; during the lecture students are actively encouraged to discuss the lecture subject matter. Students are also expected to engage in appropriate private study and to take part in the on-line discussion forum.</p>				
<b>Key Bibliography:</b>	<p>A Practical Guide to Managing Information Security, by Steve Purser, (Library location: 001.6425PUR) and Principles of Information System Security: text and cases, by Gurpreet Dhillon, (Library location: 001.6425DHI) Details of other recommended reading can be found in the MSc programme booklet.</p>				
<b>Formative Assessment and Feedback:</b>	<p>Students are expected to submit answers to exercises set in Moodle. Answers are marked and with feedback given.</p>				
<b>Summative Assessment:</b>	<p><b>Exam</b> 100(%) This course is assessed solely by written examination consisting of a two-hour-exam. (<i>3 out 5 questions</i>)  <b>Coursework</b> 0(%) Coursework does not contribute to the final assessment for this course.  <b>Deadlines:</b> The written examination will be held in the Summer term</p>				

The information contained in this course outline is correct at the time of publication, but may be subject to change as part of the Department's policy of continuous improvement and development. Every effort will be made to notify you of any such changes.