INFORMATION SECURITY GROUP
Course Specification 2013-14

Code:	IY5523	Course Value:	0.5	Status:	Core B
Title:	**Secure Business Architectures**			Availability:	Autumn term
Prerequisites:	None			Recommended:	None

Co-ordinator:	Geraint Price
Course Staff	Geraint Price
Aims:	The high level aim of this course is to discuss the appropriate system design and business response to technical/architectural decisions which impact the security of the organisation's information.
Learning Outcomes:	On successful completion of the course students will be able to: • Understand, and be able to apply, the concept of a "security lifecycle" in relation to specific security architectures; • Appreciate the Governance, Risk and Compliance issues related to business architectures; • Apply these to a number of architectures, such as Identity Management; Outsourcing; PCI-DSS; Supply Chain
Course Content:	The content of the course will include: • Introduce the concept of a security development lifecycle • Elaborate on the Governance, Risk and Compliance issues discussed in the Security Management module • Outsourcing/Cloud Computing architectures • Identity Management • The Payment Card Industry – Data Security Standard • Supply Chain Security • EMV
Teaching & Learning Methods	The teaching and learning method employed will be based around the traditional lecture technique. When it comes to applying the learning outcomes to the given case studies, specific parts of the lecture will be given over to classroom discussion. Moodle will be used to house copies of the lecture material, and where possible, copies of the publicly available standards, and industry architectures identified in the key bibliography.
Key Bibliography:	The course will not follow any individual text book, but is likely to make use of: international standards; industry white papers and research reports; case studies using common industry architectures (e.g. EMV; OpenID; Kantara initiative)
Formative Assessment and Feedback:	Formative assessment will be built around a programme of exercises spread through the term to test the key learning outcomes identified above.
Summative Assessment:	**Exam** 100(%) This course is assessed solely by written examination consisting of a two-hour-exam. *(3 out of 5 questions)* **Coursework** 0(%) Coursework does not contribute to the final assessment for this course. **Deadlines:** The written examination will be held in the Summer term

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.