### Code: IY5501  
### Course Value: 20  
### Status: Core A / Core B  

#### Title: Security Management  
#### Availability: Autumn Term  

<table>
<thead>
<tr>
<th>Prerequisites:None</th>
<th>Recommended:None</th>
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#### Module Leader: Chris Mitchell  
#### Course Staff: Chris Mitchell and External Speakers  

#### Aims:  
This course will:  
- explain the need for effective security management.  
- identify the main elements of security management.  
- consider the ways in which organisations implement security management.  

#### Learning Outcomes:  
Successful completion of the course will enable students to:  
- analyse information security risks, strategies and methods;  
- evaluate security management requirements;  
- define security treatments to meet identified requirements;  
- perform ongoing security functions, including internal and external audit.  

#### Course Content:  
The list of topics may vary slightly to reflect developments in the subject but typically will include:  
- What is information security management and is it necessary?  
- The role of standards in information security management  
- Internal control, audit and security.  
- The role of risk in information security management  
- Information security, governance and the law.  
- Case studies in information security management  

#### Teaching & Learning Methods:  
The course will be delivered through 11 three-hour lectures delivered by the course leader and also by security practitioners; during the lectures students are actively encouraged to discuss the lecture subject matter. Students are also expected to engage in appropriate private study and complete coursework for formative feedback.  

#### Key Bibliography:  

#### Formative Assessment and Feedback:  
Students are expected to submit answers to exercises set in Moodle. Answers are marked and with feedback given.  

#### Summative Assessment:  
- **Exam** 100(%) This course is assessed solely by written examination consisting of a two-hour-exam. (3 out 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.