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<th>IY5501</th>
<th>Course Value:</th>
<th>20</th>
<th>Status:</th>
<th>Core A / Core B</th>
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<tbody>
<tr>
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<td>Security Management</td>
<td>Availability:</td>
<td>Autumn Term</td>
<td></td>
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<td>Prerequisites:</td>
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<td>Recommended:</td>
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<tr>
<td>Module Leader:</td>
<td>Chris Mitchell</td>
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<tr>
<td>Course Staff</td>
<td>Chris Mitchell and External Speakers</td>
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**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 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.