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| TITLE | Information Security and Management Strategy | | |
| CODE | UUIS8018 | | |
| LEVEL | 8 | | |
| CREDITS | 20 | | |
| PRE REQUISITES | None (other than specified in entry criteria) | | |
| AIM | The purpose of this programme component is for students to develop the knowledge and skills required for security planning, development, implementation and evaluation of security policy and programs | | |
| LEARNING OUTCOMES | <p>At the end of this component, students will be able to:</p> <ol style="list-style-type: none"> 1. identify and solve complex organisational problems creatively and practically through planning for security to increase the effectiveness of management processes through the development implementation and evaluation of a security policy and programs 2. evaluate, synthesise and critically review theoretical frameworks with other evidence to provide solutions to real-world problems by applying security management models and practices to security programs 3. demonstrate an understanding of change on organisations in the global environment and the impact of these on organisational systems by developing risk management strategies that incorporate appropriate controls 4. demonstrate an understanding of the impact of interpersonal communication on specific management processes and outcomes using relevant theories and concepts by understanding the relationships between security and personnel, between security and law, between security and ethics 5. communicate professionally and effectively in written communication to various audiences to achieve targeted outcomes demonstrating and collating concepts of information security | | |
| CONTENT | <p>The content consists of the following topics:</p> <ul style="list-style-type: none"> • planning security • information security policy • developing the security program, management models and practices • risk management and controls • personnel security, law and ethics | | |
| ASSESSMENTS | Assessment Type | Weighting | Learning Outcomes Assessed |
| | Assignment 1 (report) | 25% | LO: 1, 4 & 5 |
| | Assignment 2 (report) | 35% | LO: 2, 3, 4 & 5 |
| | Exam* | 40% | LO: 1, 2, 3, 4 & 5 |
| RECOMMENDED RESOURCES | <p>Whitman, ME & Mattord, HJ 2014, <i>Hands-on information security lab manual</i>, 4th edn, Thomson Course Technology, Boston, Massachusetts. Whitman, ME & Mattord, HJ 2016, <i>Management of information security</i>, 5th edn, Thomson Course Technology, Boston, Massachusetts.</p> | | |