F20PG Project Testing and Implementation (Cyber Security)

COURSE DETAILS
Course Code: F20PG
Full Course Title: Project Testing and Implementation (Cyber Security)
SCQF Level: 10
SCAF Credits: 15
Available as Elective: No

DELIVERY LEVEL
Undergraduate: Yes  Postgraduate Taught: No  Postgraduate Research: No

Additional Information:

COURSE AIMS
Development of knowledge and skills for testing and evaluating a software project, on a topic that is specific to the area of cyber security.

LEARNING OUTCOMES – SUBJECT MASTERY

- Testing and evaluation of software development projects.
- Dealing with secure or security-focused applications in both testing and evaluation phases.
- Documenting software projects.

LEARNING OUTCOMES – PERSONAL ABILITIES

- Awareness and experience of methods and tools for validation and verification in professional practice
- Practical skills in testing and evaluation
- Documentation skills

SYLLABUS

- Testing of software.
- Evaluation of software.
- Dealing with data intensive applications.
- Report writing.
- Assessment is synoptic with both F20PA and F20PF.

COURSE RELATIONSHIPS

<table>
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<tr>
<th>Course Code</th>
<th>Level</th>
<th>Title</th>
<th>School</th>
<th>Type</th>
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<tbody>
<tr>
<td>F20PA</td>
<td>10</td>
<td>Research Methods &amp; Requirements Engineering</td>
<td>School of Math and Comp Sci.</td>
<td>Assessed Synoptic</td>
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<td>F20PF</td>
<td>10</td>
<td>Design and Implementation (Cyber Security)</td>
<td>School of Math and Comp Sci.</td>
<td>Assessed Synoptic</td>
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LOCATION AND ASSESSMENT METHODS

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<tr>
<th>Edi</th>
<th>SBC</th>
<th>Ork</th>
<th>Dub</th>
<th>Malay</th>
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<th>COLL</th>
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<th>Synoptic Course</th>
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| Y | Y | Coursework | 100 | Assessment | Semester 2 |