

Module Learning Outcomes Not Classified

Module Title	MNumber	Learning Outcome	Selected Verb	Conclusion
Computational Thinking	CM1101-05	Students will have <u>received</u> a basic introduction to basic languages and software (e.g., Python and Excel)	Receive	Verb is associated with the Affective Domain Taxonomy
Computational Thinking	CM1101-06	Students will have <u>awareness</u> of application of computation processes to real-world problems	Aware	Verb is associated with the Affective Domain Taxonomy
Computational Thinking	CM1101-04	Students will have <u>knowledge</u> and understanding of the history of computing and the internal workings of a computer	Knowledge	Educational resources classify it as a non-measurable verb
Web Applications	CM1102-07	<u>Appreciate</u> the main types of e-commerce and business models in modern marketing	Appreciate	Verb is associated with the Affective Domain Taxonomy
Professional Skills	CM1201-01	To <u>learn</u> how to communicate effectively and appropriately	Learn	Educational resources classify it as a non-measurable verb
Professional Skills	CM1201-06	<u>Present</u> themselves to employers and organisations in a professional manner	Present	Verb is associated with the Affective Domain Taxonomy
Developing Quality Software	CM1202-03	Gain an <u>appreciation</u> of how the main stages in the software development lifecycle contribute to the development of a high-quality software system by performing key technical tasks from each stage of the project	Appreciate	Verb is associated with the Affective Domain Taxonomy Can also be seen as a word to avoid when dealing with the Cognitive Domain
Developing Quality Software	CM1202-10	<u>Reflect</u> on your experience of working in a team and your individual contributions to the project	Reflect	Educational resources classify it as a non-measurable verb
Fundamentals of Computing with Java	CM1203-02	<u>Appreciate</u> how mathematical techniques contribute to the study of computing	Appreciate	Verb is associated with the Affective Domain Taxonomy
Fundamentals of Computing with Java	CM1203-06	<u>Appreciate</u> the relationship between Computing and Information Systems.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Architecture and Operating Systems	CM1205-01	<u>Display</u> a good understanding of the main components of a computer system and their functionality	Display	Verb is associated with the Affective Domain Taxonomy
Human-Computer Interaction	CM2101-01	<u>Appreciate</u> the importance and context of HCI and human factors in the software development life cycle.	Appreciate	Verb is associated with the Affective Domain Taxonomy

Object-Oriented Applications	CM2201-02	<u>Appreciate</u> the main features that are needed in a programming language in order to support the development of reliable, portable software.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Systems Design and Group Project	CM2301-11	<u>Appreciate</u> the problems involved in developing a large software system as part of a team.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Systems Design and Group Project	CM2301-12	<u>Reflect</u> on the experience of working in a team and their individual contributions to the project.	Reflect	Educational resources classify it as a non-measurable verb
Communication Networks and Pervasive Computing	CM2302-04	<u>Appreciation</u> of issues for supporting real time & multimedia traffic over public networks.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Image Processing	CM0311-01	Be <u>aware</u> of the applications of image processing and computer vision.	Aware	Educational resources classify it as a non-measurable verb
Image Processing	CM0311-02	An <u>appreciation</u> of the basic image manipulation techniques.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Individual Project	CM0343-01	<u>Undertake</u> a substantial project related to the student's degree programme.	Undertake	Educational resources classify it as a non-measurable verb
Individual Project	CM0343-04	<u>Exhibit</u> a sound knowledge in the subject area related to the project.	Exhibit	Verb is associated with the Affective Domain Taxonomy.
Multimedia	CM0340-04	Possess an <u>awareness</u> of the underlying infrastructure of multimedia systems with relevance to the hardware and software components required.	Aware	Educational resources classify it as a non-measurable verb
Multimedia	CM0340-05	Possess a technical <u>appreciation</u> of core multimedia technologies and standards for Digital Audio, Graphics, Images and Video.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Multimedia	CM0340-06	Show an understanding of the derivation from mathematical principles of underlying data compression algorithms. Possess an <u>awareness</u> of the underlying compression techniques utilised in common compression formats (e.g. JPEG, GIF, MPEG);	Aware	Educational resources classify it as a non-measurable verb
Multimedia	CM0340-07	Possess an <u>awareness</u> of applications of multimedia.	Aware	Educational resources classify it as a non-measurable verb
Information System Management	CM0342-01	Appreciate how the structure of an organisation affects decision making, co-ordination and information sharing.	Appreciate	Verb is associated with the Affective Domain Taxonomy

Distributed Systems Technologies	CM0356-01	<u>Knowledge</u> of state-of-the-art distributed-systems architectures.	Knowledge	Educational resources classify it as a non-measurable verb
Distributed Systems Technologies	CM0356-02	<u>Appreciation</u> for different middleware and their interworking.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Distributed Systems Technologies	CM0356-03	<u>Knowledge</u> of common security practices within loosely-coupled distributed systems, authentication, transport etc.	Knowledge	Educational resources classify it as a non-measurable verb
Distributed Systems Technologies	CM0356-06	<u>Knowledge</u> of the “big picture” in relating distributed computing issues to other themes in computer science, such as performance, security, data structures, etc.	Knowledge	Educational resources classify it as a non-measurable verb
Distributed Systems Technologies	CM0356-07	<u>Knowledge</u> of standards in distributed computing, and the impact of standardisation on application programs.	Knowledge	Educational resources classify it as a non-measurable verb
Distributed Systems Technologies	CM0356-08	<u>Knowledge</u> of XML technologies, e.g. WSDL and SOAP.	Knowledge	Educational resources classify it as a non-measurable verb
Distributed Systems Technologies	CM0356-09	Fault tolerance in distributed systems	None	No verb associated with the learning outcome
Knowledge-Based Systems	CM0377-03	<u>Appreciate</u> the distinction between logical consequence and proof methods.	Appreciate	Verb is associated with the Affective Domain Taxonomy
IS Research Techniques	CM0388-03	<u>Appreciate</u> and compare a variety of IS research methodologies, and choose appropriate methodology relevant to the research issue or topic.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Computer Forensics	CM0390-01	Evaluate the principles of computer forensic analysis and <u>appreciate</u> where and how these principles should be applied.	Appreciate	Verb is associated with the Affective Domain Taxonomy
Computer Forensics	CM0390-03	Evaluate the legal and procedural issues and be <u>aware</u> of the documentary and evidentiary standards expected in presenting investigative findings in a court of law.	Aware	Educational resources classify it as a non-measurable verb
Computer Forensics	CM0390-05	<u>Knowledge</u> and understanding of file structures both in a Linux environment and Windows, disk structures, use of a range of forensic tools and techniques.	Knowledge	Educational resources classify it as a non-measurable verb
Computer Forensics	CM0390-06	Rules of evidence.	None	No verb associated with the learning outcome

Computer Forensics	CM0390-07	Security logging and pattern matching for detection.	None	No verb associated with the learning outcome
Computer Forensics	CM0390-08	The link between technology and business processes in the context of gathering evidence.	None	No verb associated with the learning outcome
Computer Forensics	CM0390-09	The investigator's duty to the courts.	None	No verb associated with the learning outcome

Programme Learning Outcomes Not Classified

Programme Outcomes	G400-09	<u>Sustain</u> a critical argument, both in writing and through presentation.	Sustain	Educational resources classify it as a non-measurable verb
Programme Outcomes	G400-13	<u>Recognise</u> and specify the constraints, requirements and trade-offs in the design of computer systems	Recognise	Educational resources classify it as a non-measurable verb
Programme Outcomes	G400-16	<u>Work</u> effectively in a team and as an individual	Work	Verb is associated with the Affective Domain Taxonomy.
Programme Outcomes	G400-18	<u>Appreciate</u> opportunities for career development and lifelong learning by participating in the University's Personal and Career Development Programme	Appreciate	Verb is associated with the Affective Domain Taxonomy.
Programme Outcomes	G400-18	Appreciate opportunities for career development and lifelong learning by <u>participating</u> in the University's Personal and Career Development Programme	Participate	Verb is associated with the Affective Domain Taxonomy.
Programme Outcomes	G400-20	<u>Undertake</u> independent study.	Undertake	Educational resources classify it as a non-measurable verb