

Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	Literacy, Communication, Language Skills	Express information effectively to technical and non-technical audiences Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Proficient Trained	Monte Carlo Simulation and YASAI Results in Module 2/DTP2 Monte Carlo Simulation and YASAI Results in Module 2/DTP2
		Keep current with tools of the industry, as well as emerging technology Seek opportunities to improve and share knowledge of tools and technology that may improve productivity Participate in scientific and professional organisations Emphasise quality, customer satisfaction and fair application of policies. Demonstrate familiarity with codes of conduct for the Computing field.	Trained Proficient Aware Trained Trained	Module 2 - Unit 12 - AI for CRQ PowerPoint YASAI Plugin Installation for MCS in Module 2 for unit 8 and DTP2 Cybersecurity special interest group member and Hack the box participant Involved in ISMS development and global roll-out To be completed - Digital forensics and cyber law module
	Subject understanding, research, critical thinking, time management	Critically analyse complex ideas in concepts in the field of Computer Science Recognise inconsistencies and gaps in information, and search for additional information when needed...	Aware Trained	To be completed - Digital forensics and cyber law module, Network security module CISA, NIST, ISO, FAIR frameworks and standards to answer questions in module 2
		Explore complex real-world problems in a Computing context	Trained	To be completed - Digital forensics and cyber law module
Legal and Ethical	Ethical Awareness	Comply with the letter and spirit of applicable laws Maintain privacy and confidentiality of company, co-worker and customer information	Proficient Proficient	GDPR case study and ISO27001 work project. To be completed: Digital Forensics and Cyber Law module GDPR case study and ISO27001 work project. To be completed: Digital Forensics and Cyber Law module
		Act in the best interest of the community at large - Social (Community) Responsibility	Proficient	Workplace - protecting industrial control systems of critical infrastructure
Social (Inc. Teamwork)	Cultural Awareness	Collaborate effectively in diverse teams to achieve team goals Meeting team objectives using teamwork skills Demonstrate skills in leadership and team building Give and receive constructive feedback	Proficient Proficient Trained Trained	Module 2 - DTP 1, DTP 2 and workplace Module 2 - DTP 1, DTP 2 and workplace Module 2 - CLD 1, CLD 2, DTP 1, DTP2 and workplace
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision	Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment) Able to make a decision on a complex matter/scenario using multiple sources of information	Trained Trained	Green IT project and PowerPoint to C-Level Module 2 - Unit 8, DTP 2 MCS and workplace
Technical (Data Science)	IT and Digital, Numeracy	Technical skills relevant to your degree programme: Networking (Design and Sensitive data protection architecture) Kali-linux Java Python C KQL Statistical Language (R) Monte Carlo Simulation and Risk Quantification Models Github Sharepoint Use of Word Processing tools and Spreadsheets Effective use of e-library resources	Aware Aware Trained Aware Trained Aware Aware Trained Proficient Proficient Trained	Ongoing for each module workplace Hack the box and Genua hacking bootcamp completion via workplace projects during BSc semester 2 module 1 - python script projects during BSc semester 1 work place - EDR workplace and researched as a tool for potential masters paper topic Module 2 Unit 8 and DTP2 e-portfolio, Module 1 and 2 workplace and ISMS development Workplace and UoFE UoFE
Subject Application	Global Citizen, Teamwork, Leadership, Emotional Intelligence	Take into account other people's perspectives Work constructively with differences in viewpoints Actively participate in a range of community activities as an informed citizen	Proficient Proficient Trained	Work at a global company with many specialised departments. DTP1 and DTP2: CLD1 and CLD 2 Work at a global company with many specialised departments. DTP1 and DTP2. Active in local activities and events
		Decision Making, Initiative, Emotional Intelligence, Ethical Awareness		Currently in the workplace. To be completed in human factor and research methods modules

Adapted from BCS guidelines and Essex graduate