

Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	Literacy, Communication, Language Skills	Express information effectively to technical and non-technical audiences	Proficient	literature review (Perceptual hashing for CSAM identification) Unit 7
		Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Proficient	Research proposal presentation in unit 10
	Commercial Awareness	Keep current with tools of the industry, as well as emerging technology	Proficient	literature review (Perceptual hashing for CSAM identification) Unit 7
		Seek opportunities to improve and share knowledge of tools and technology that may improve productivity	Proficient	Research proposal presentation in unit 10
	Subject understanding, research, critical thinking, time management	Participate in scientific and professional organisations	Aware	Cybersecurity special interest group member and Hack the box participant
		Emphasise quality, customer satisfaction and fair application of policies.	Trained	Involved in ISMS development and global roll-out
		Demonstrate familiarity with codes of conduct for the Computing field.	Trained	To be completed - Digital forensics and cyber law module
		Critically analyse complex ideas in concepts in the field of Computer Science	Aware	To be completed - Digital forensics and cyber law module, Network security module. RMPP Unit 8 & 9 Statistics
		Recognise inconsistencies and gaps in information, and search for additional information when needed...	Expert	CISA, NIST, ISO, FAIR frameworks and standards to answer questions in module 2
		Explore complex real-world problems in a Computing context	Proficient	Digital forensics and cyber law module. IT Manager for infrastructure Migration
Legal and Ethical	Ethical Awareness	Comply with the letter and spirit of applicable laws	Proficient	GDPR case study and ISO27001 work project. To be completed: Digital Forensics and Cyber Law module
		Maintain privacy and confidentiality of company, co-worker and customer information	Proficient	GDPR case study and ISO27001 work project. To be completed: Digital Forensics and Cyber Law module
Social (Inc. Teamwork)	Cultural Awareness	Act in the best interest of the community at large - Social (Community) Responsibility	Proficient	Workplace - protecting industrial control systems of critical infrastructure
	Teamwork, Leadership and Resilience, Time Management	Collaborate effectively in diverse teams to achieve team goals	Proficient	Module 2 - DTP 1, DTP 2 and workplace
		Meeting team objectives using teamwork skills	Proficient	Module 2 - DTP 1, DTP 2 and workplace
		Demonstrate skills in leadership and team building	Trained	Module 2 - CLD 1, CLD 2, DTP 1, DTP2 and workplace
		Give and receive constructive feedback	Trained	
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision	Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment)	Proficient	Green IT project and PowerPoint to C-Level
		Able to make a decision on a complex matter/scenario using multiple sources of information	Proficient	Module 2 - Unit 8, DTP 2 MCS and workplace
Technical (Data Science)	IT and Digital, Numeracy	Technical skills relevant to your degree programme:	Trained	Ongoing for each module
		Networking (Design and Sensitive data protection architecture)	Trained	workplace
		Kali-linux	Trained	Hack the box and Genua hacking bootcamp completion via workplace
		Java	Aware	projects during BSc semester 2
		Python	Proficient	module 1 - python script
		C	Aware	projects during BSc semester 1
		KQL	Trained	work place - EDR
		Statistical Language (R)	Aware	workplace and researched as a tool for potential masters paper topic
		Monte Carlo Simulation and Risk Quantification Models	Aware	Module 2 Unit 8 and DTP2
		Github	Trained	e-portfolio, Module 1 and 2. RMPP
Subject Application	Global Citizen, Teamwork, Leadership, Emotional Intelligence	Take into account other people's perspectives	Proficient	Work at a global company with many specialised departments. DTP1 and DTP2: CLD1 and CLD 2
		Work constructively with differences in viewpoints	Proficient	Work at a global company with many specialised departments. DTP1 and DTP2.
		Actively participate in a range of community activities as an informed citizen	Trained	Active in local activities and events
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness	Develop, articulate and clarify your personal values and ethics	Proficient	Currently in the workplace. Completed in human factor and RMPP modules

Adapted from BCS guidelines and Essex graduate