

Competency	Essex Graduate	Skill	Skill Level	Evidence
Professional	Literacy, Communication, Language Skills	Express information effectively to technical and non-technical audiences	Proficient	Unit 2 Seminar 2 Presentation Unit 3 Status Report Unit 6 Risk Assessment Report
		Create documents to aid your communication (reports, diagrams, legal descriptions, plans, manuals and charts)	Expert	Seminar presentations, group meetings, formatting reports, gantt charts, infographics
	Commercial Awareness	Keep current with tools of the industry, as well as emerging technology	Trained	Demonstrate use of scanning tools and use of VM. Read and provided debate evidence for Unit 11 and 12. Research and following professional organisations such as SANS and BCS.
		Seek opportunities to improve and share knowledge of tools and technology that may improve productivity	Aware	In group meetings shared knowledge of use of tools and provided analysis.
		Participate in scientific and professional organisations	Aware	Registered with a number of organisations (BCS, ACM)
		Emphasise quality, customer satisfaction and fair application of policies	Aware	Discussion in group meetings and executive summary.
		Demonstrate familiarity with codes of conduct for the Computing field.	Aware	Discussion in group meetings, peer discussion forum and seminars.
	Subject understanding, research, critical thinking, time management	Critically analyse complex ideas in concepts in the field of Computer Science	Aware	Peer discussion forums, seminars and summative assignments.
		Recognise inconsistencies and gaps in information, and search for additional information when needed...	Proficient	In group meetings and peer review of learning. Responding in discussion forums or setting targets to improve assignments.
		Explore complex real-world problems in a Computing context	Trained	During peer discussion forums, seminar presentations.
Legal and Ethical	Ethical Awareness	Comply with the letter and spirit of applicable laws	Aware	Understanding using scanning tools and compliance laws/regulations.
		Maintain privacy and confidentiality of company, co-worker and customer information	Expert	From working experience I had dealt with sensitive and confidential information. As an educator I have also led training in these areas.
Social (inc. Teamwork)	Cultural Awareness	Act in the best interest of the community at large - Social (Community) Responsibility	Trained	Awareness and understanding in terms of scale and the impact on community.
	Teamwork, Leadership and Resilience, Time Management	Collaborate effectively in diverse teams to achieve team goals	Expert	As an educator for almost 20 years internationally I have extensive experience and applied this to the projects.
		Meeting team objectives using teamwork skills	Expert	Used strategies to engage team members to reach goals. Identified intervention strategies when necessary to meet team objectives.
		Demonstrate skills in leadership and team building	Proficient	Led the team and encouraged task and social cohesion. Offered a democratic approach and empowered team members to allow their best productivity in meetings and on task.
		Give and receive constructive feedback	Expert	Always gave feedback to peers after they have produced learning whether or not directly related to me. Showed support and encouragement so that we could meet the learning outcomes intended. The was done verbally or through messaging mediums.
	Creativity, Entrepreneurial, Problem solving, Initiative, Decision Making	Create, discuss and deliver strategies for sustainability for all stakeholders (company, community and environment)	Aware	Support this is recommendation in the executive summary.
		Able to make a decision on a complex matter/scenario using multiple sources of information	Trained	Concluding remarks and recommendations from multiple sources such as technical reports, diagrams, surveys and publications.
IT and Digital, Numeracy		<i>Technical skills relevant to your degree programme:</i>		
		SQL for database querying	Aware	Understanding and use in the Launching into Cybersecurity module and aspects of scanning vulnerabilities in Network Information Security Management module.
		Python Programming	Aware	Understanding and use in the Launching into Cybersecurity module including Unit 12 assignment.
		Java	Aware	Understanding and use in the Launching into Cybersecurity module.
		Python	Aware	Understanding and use in the Launching into Cybersecurity module and studying Python PCET.
		noSQL		
		Scripting Language (Python)	Aware	Understanding and use in the Launching into Cybersecurity module including Unit 12 assignment.
		Statistical Language (R)		
		Gits - repository development and maintenance	Aware	Basic understanding and usage.
		Use of conferencing technologies and Moodle (VLE)	Proficient	Full understanding and proficiency using moodle platforms, Zoom etc.
		Use of Word Processing tools and Spreadsheets	Proficient	Full competency and use with SaaS applications.
		Effective use of e-library resources	Proficient	Full competency and usage.
		Take into account other people's perspectives	Proficient	Discussion forums, meetings and group project learning.
Subject Application	Global Citizen, Teamwork, Leadership, Emotional Intelligence	Work constructively with differences in viewpoints	Proficient	Meetings and group project learning. Peer review and action planning.
		Actively participate in a range of community activities as an informed citizen	Proficient	Applying knowledge gained in the community as responsible digital citizen making informed evidence based decisions.
	Decision Making, Initiative, Emotional Intelligence, Ethical Awareness	Develop, articulate and clarify your personal values and ethics	Proficient	Applying approach to learning in discussion forums, seminars and group work project.

This is by no means a comprehensive list of Professional skills required for your programme. It is meant to be used as a guide for your SWOT analysis/action plan as part of your Professional As you progress through the course, you will discover other skills you need to develop or currently have. These can be described in further detail in your SWOT analysis/action plan. As this is required in various modules, you may end up with different versions of this Matrix. You can collate them in your Learning Loop as part of your final PDP at the end of your programme.

Adapted from BCS guidelines and Essex graduate

Skill Level Key	
Aware	General understanding and basic knowledge
Trained	Able to apply knowledge, able to work independently under certain conditions
Proficient	Broad and in-depth knowledge, able to work independently with very little supervision
Expert	Seen as a subject matter expert, able to lead and train others.