Special Expertise Addendum

Course or Allied Service	**Brief Rationale**	**Criteria** The criteria will be relevant, objective, verifiable and reasonable.
CS 81.62 - SQL/Relational Databases	It is imperative that an instructor teaching this topic has sufficient current experience.	Must have either (1) 5 years of work experience requiring use of the course content within the last 10 years, OR (2) taught or passed the prerequisite course within the last 5 years, OR (3) taught or passed the course within the last 5 years.
CS 81.81A – Server Administrator 1	It is imperative that an instructor teaching server and systems administration has sufficient current experience. This is also a CompTIA requirement.	Must have either (1) a current CompTIA Server+ certification (or equivalent vendor certification) and minimum three (3) years experience Information Communication Technology (ICT) Microsoft server related work in the past five (5) years, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.22A - Introduction to Networks	It is imperative that an instructor teaching networking has sufficient current experience. This is also a Cisco Networking Academy requirement.	Must have either (1) a Cisco Certified Academy Instructor (CCAI) in Introduction to Networks certificate or equivalent, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.22B - Switching, Routing and Wireless Essentials	It is imperative that an instructor teaching networking has sufficient current experience. This is also a Cisco Networking Academy requirement.	Must have either (1) a Cisco Certified Academy Instructor (CCAI) certificate in Switching, Routing and Wireless Essentials certificate or equivalent, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.22C - Enterprise Networking, Security, and Automation	It is imperative that an instructor teaching networking has sufficient current experience. This is also a Cisco Networking Academy requirement.	Must have either (1) a Cisco Certified Academy Instructor (CCAI) certificate in Enterprise Networking, Security, and Automation or equivalent, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.57 - Cybersecurity Operations	It is imperative that an instructor teaching cybersecurity has sufficient current experience. This is also a Cisco Networking Academy requirement.	Must have either (1) a Cisco Certified Academy Instructor (CCAI) certificate in CyberOps Associate or equivalent, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.58 - Introduction to Information Systems Security	Principles and content of the certification tests are taught in the class. "Real world" ICT security experience is necessary to properly convey the concepts and proper implementation of security protocols in a variety of environments.	Must have either (1) a current CompTIA Security+ certification, or equivalent, and minimum three (3) years experience Information Communication Technology (ICT) Security related work in the past five (5) years, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.59 - Firewalls and Network Security	It is imperative that an instructor teaching firewall configuration and network security has sufficient current experience. This is also a Cisco Networking Academy and Palo Alto Networks Cybersecurity Academy requirement.	Must have either (1) a Cisco Certified Academy Instructor (CCAI) in Network Security certificate and successful completion of Palo Alto Networks (PAN) Cybersecurity Infrastructure Configuration and Cybersecurity Prevention and Countermeasures Courses or equivalent, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 82.71 - Ethical Hacking and Systems Defense	It is imperative that an instructor teaching ethical hacking and systems defense has sufficient current experience. This is also an EC-Council and CompTIA requirement.	Must have either (1) a current Certified Ethical Hacker (CEH) or CompTIA PenTest+ certification or equivalent, and minimum three (3) years experience Information Communication Technology (ICT) Security related work in the past five (5) years, OR (2) taught an equivalent course at an accredited college within the last 3 years.
CS 84.13 – IT Support	It is imperative that an instructor teaching IT support has sufficient current experience.	Instructor must have either: three years of work experience as an IT support professional within the last five years; taught an equivalent course at an accredited college within the last 3 years; or passed the course itself with a grade of A within the last 3 years.