

AGX5277 Food safety and Quality Management Systems

Level	5
Course Code	AGX5277
Course Title	Food safety and Quality Management Systems
Credit value	2
Core/Optional	Optional (Agriculture)
Course Aim/s	To provide the knowledge on principles and practices of quality management systems to obtain certifications in food industry
Course Learning Outcomes (CLOs):	<p>At the completion of this course student will be able to,</p> <p>CLO1: Explain quality management principles to ensure product quality and safety[PLO1]</p> <p>CLO2: Explain how far food regulations and food safety management systems helpful to protect consumers from unhealthy foods [PLO1][PLO7]</p> <p>CLO3: Address current issues in Sri Lankan food law , regulations and legislation [PLO4]</p> <p>CLO4: Guide industries to obtain certification for product or process from accredited bodies and laboratories to obtain accreditation [PLO2] [PLO3] [PLO8] [PLO11]</p>
Content (Main topics, sub topics)	<p>Outline syllabus</p> <p>Unit 1: Food Quality and standardization Session 01: Introduction to global trade and ISO management systems Session02: Introduction to quality management systems (ISO 9000 series and its gradual development) Session 03: Standardization – international standards (CODEX) Session 04: Standardization –local standards (SLS)</p> <p>Unit 2: Food safety and legislation Session 05: Principles of food safety and applications of GAP, GMP and GHP Session 06: Practice of Hazard Analysis and Critical Control Point (HACCP) Session 07: Food safety management system - ISO 22000 and private standards such as BRC Session 08: local and global food law, regulations I Session 09: local and global food law, regulations II Session 10: Quality requirement for local and export market</p> <p>Unit 3: Certification and accreditation Session 11: System / Process certification Session 12: Product certification Session 13: Internal auditing Session 14: International and national accreditation bodies</p> <p>Field visit : Yes Field visit to a food processing factory to observe how they implement quality management systems.</p>

