

INDUSTRY-ALIGNED CREDENTIAL	REQUIRED BADGES
Laboratory Technician	Applied Chemistry/Biology/Math Fundamentals
	Lab Safety
	Introduction to General Laboratory Techniques
	Introduction to Good Documentation Practices
Food Science Technician	Applied Chemistry/Biology/Math Fundamentals
	Lab Safety
	Introduction to General Laboratory Techniques
	Introduction to Good Documentation Practices
	Food Science
	Optional Food Safety Specialization
	Microbiology
Chemistry Technician	Applied Chemistry/Biology/Math Fundamentals
	Lab Safety
	Introduction to General Laboratory Techniques
	Introduction to Good Documentation Practices
	Intermediate Chemistry and Biology Fundamentals
	Intermediate Laboratory Techniques
	Chemistry Lab Manual
	Introduction to Analytical Chemistry Techniques
	Introduction to Quality Assurance and Quality Control
	Optional Chemical Technician Specialization
	Introduction to Biochemistry and Cellular/Molecular Biology
Microbiology	

Figure 8: Example of three established industry-aligned credentials, with associated required and optional badges, from the SIUE program, whose credentialing systems will serve as a model for ACE-IL.