Enhance Your Food Safety, Supply Chain Visibility, and Operational Efficiencies
with the GS1 Standards for Food Traceability Online Certificate Course

Are you looking for expert guidance on establishing or enhancing your traceability program?

The GS1 Standards for Food Traceability Online Certificate Course offers a series of on-demand learning modules to help you understand:

- The importance of globally unique identification of products and locations as the foundation of effective traceability

- How to implement traceability with the use of GS1 data carriers such as GS1-128 barcodes

- What key data elements (KDEs) need to be captured and shared at critical tracking events (CTEs)

Take advantage of a full year's access to course materials designed to help you learn:

- The fundamentals of improving product visibility from source to consumption

- How to enhance food safety by leveraging unique product identification for quick and precise recalls

- What tools and resources are available to help you identify, capture, and share product information

Who would benefit:

- Growers

- Fishermen

- Ranchers

- Packers/Shippers

- Retail Grocery Outlets

- Manufacturers

- Foodservice Operators

- Processors

- Distributors

- Exporters/Importers along with solution providers that support efforts to implement GS1 Standards

When you successfully complete a GS1 US® certificate course, you can earn an important credential in the use of GS1 Standards. You can add this new skill to your online profile with a GS1 US Badge and share it via social media.

Time Duration

Approximate time to complete the course is four hours. An assessment is administered during the online training to test knowledge of the key takeaways.

On-Demand Learning Modules

GS1 Overview
How GS1 Standards make it possible to identify, capture, and share information automatically and accurately about products, business locations, and more

GS1 Standards in Food Industry
How the GS1 System of Standards can be applied for foods

Knowing Your Risk
What risks can be mitigated with the application of unique product identification in various food categories

Identify
Use of Global Location Numbers (GLNs), Global Trade Item Numbers (GTINs), and Serial Shipping Container Codes (SSCCs) in traceability

Capture
How to capture product data including extended attributes for items moving through the supply chain with GS1 data carriers

Share
Use and benefits of Global Data Synchronization Network™ (GDSN®), Electronic Data Interchange (EDI), and Electronic Product Code Information Services (EPCIS) in traceability programs

GS1 Standards for Supply Chain Traceability
How GS1 Standards are used to identify, capture, and share product visibility information

Critical Tracking Events (CTEs)*
What business processes and activities should be tracked as part of your traceability program

Key Data Elements (KDEs)**
Based on your supply chain role, what key data elements should be used when recording Critical Tracking Events

Call to Action
Best practices for establishing and enhancing effective traceability programs

Resources
Suite of tools and resources to support traceability implementations

*The Institute of Food Technologists (IFT), in its 2009 Traceability (Product Tracing) in Food Systems Technical Report, defined Critical Tracking Events (CTEs) as "those events that must be recorded in order to allow for effective traceability of products in the supply chain"; these are "those instances where product is moved between premises, is transformed, or is otherwise determined to be a point where data capture is necessary to trace a product."

**In its report, IFT also identified and recommended Key Data Elements (KDEs), which can be linked to CTEs and used to support product tracing.

Learn More

Visit **www.gs1us.org/Traceability** or contact us at **training@gs1us.org** with any questions.

About GS1 US

GS1 US, a member of GS1® global, is a not-for-profit information standards organization that facilitates industry collaboration to improve supply chain visibility and efficiency through the use of GS1 Standards, the most widely used supply chain standards system in the world. Nearly 300,000 businesses in 25 industries rely on GS1 US for trading partner collaboration that optimizes their supply chains, drives cost performance and revenue growth, while also enabling regulatory compliance. They achieve these benefits through solutions based on GS1 global unique numbering and identification systems, barcodes, Electronic Product Code-based RFID, data synchronization, and electronic information exchange. For more information, visit www.gs1us.org.