

Overview of All Training and Education Programs

A range of programs offered on a frequent basis

This is an overview of the MSU Food Fraud Initiative (FFI) training and education. The offerings range from online videos, through free Massive Open Online Courses, including online workshops, to three 3-credit graduate courses that can feed into a Graduate Certificate in Food Fraud Prevention or even a Master's of Science Degree in Food Safety.

Massive Open Online Course (MOOC – pronounced /mōok/)

<http://foodfraud.msu.edu/mooc/>

- Content: Each course includes two, 2-hour webinars and an exam
- Access to content is free
- Certificate of Completion: Optional (\$100)
- Dates: Courses are offered monthly with content available on-demand
- Live lecture webinars with updates: Offered semiannually

1. Food Fraud Overview MOOC

The recommended first course and an excellent introduction to the entire Food Fraud concept.

2. Food Fraud Audit Guide MOOC

This provides training and exams for auditors and those being audited.

3. Food Defense Audit Guide MOOC

This provides training and exams for auditors and those being audited.

4. Food Fraud Vulnerability Assessment and Food Fraud Prevention Strategy Development MOOC

These two key elements of fulfilling regulations and industry standards are thoroughly explored and explained.

Executive Education (Short-Course):

<http://foodfraud.msu.edu/resources/programs-courses/>

- Food Fraud Management Strategy, Food Fraud Vulnerability Assessment Workshop, and Quantifying Food Risk Workshop
- Offered at MSU, remotely, or on-sight

Graduate Courses (Online, Three Credits):

<http://foodfraud.msu.edu/resources/programs-courses/>

1. Food Fraud Prevention (New Fall 2019)
2. Anti-Counterfeit & Product Protection (with a focus on foods)
3. Quantifying Food Risk (Food Fraud is one of the four food risks)
4. Global Food Safety (includes a Food Fraud module)
5. Food Protection and Defense (within the Packaging Module)
6. Packaging for Food Safety (covers Food Fraud hazards)

Graduate Certificate (Online, Four Courses Each)

- Certificate in Food Fraud Prevention

Master of Science in Food Safety (Online)

- www.online.FoodSafety.msu.edu

Concepts Covered:

The MSU Food Fraud Initiative engages a wide range of stakeholders to understand their unmet educational needs. The course content is continually updated.

Program Leader

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Testified, FDA Open Meeting on
Economically Motivated Adulteration,
May 1, 2009

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FOOD FRAUD INITIATIVE OVERVIEW

(4 MINUTE VIDEO):

https://youtu.be/A52_ECQ87qw



MSU Food Fraud Initiative

Additional online content

Online Content – Key Overviews:

1. **GFSI Cooperation on Food Fraud Prevention [GFSI] – Overall introduction:** a presentation to the GFSI China Local Group. This covers an introduction to the GFSI definition and scope and the specific GFSI audit requirements (“the 7 yes or no question”) (15 minutes): <https://www.youtube.com/watch?v=XcquW3B2PY0>
2. **Food Fraud Prevention Strategy Development [SQF] – Intro to Vulnerability Assessment”:** A presentation at the 2018 SQF Conference. **This covers** the basic audit requirements then the “how to start” and how to conduct the first stage of a Food Fraud Vulnerability Assessment (35-minutes): <https://www.youtube.com/watch?v=MU7dQ-xJUUNE>

Additional Content:

3. **Preventive Controls Qualified Individual Training, Chapter 5, Section on Economically Motivated Hazards (FDA and FSMA) [FDA] – FDA/FDCA/FSMA requirement:** This reviews the specific FSMA requirements. This is a lecture conducted in several of the QI sessions (18 minutes): <https://www.youtube.com/watch?v=ZqMHhfSbvek>
4. **Global Consensus on Food Fraud Prevention [GFSI] – Overall GFSI requirements:** a presentation at the GFSI International Workshop in Jilin, China. This covers the an overview of Food Fraud, the focus on prevention, and the specific GFSI compliance definition and scope (19 minutes): <https://www.youtube.com/watch?v=OLKFDOLfWmg>
5. **Food Fraud Prevention Research [Interpol] – Method for a strategy:** a presentation at the INTERPOL Operation Opson VI debriefing. This specifically focuses on the “Food Fraud Prevention Cycle” which “connects everything to everything” in a Food Fraud Prevention Strategy (27 minutes): <https://www.youtube.com/watch?v=vcltJy3LLMk>
6. **Food Forensics: Scientific Investigation of Urgent Food Safety and Quality Issues [IFT] – the role of science and technology:** a presentation at the 2017 IFT Annual Conference. **This covers** what you need to know before you start testing, the threat of physical violence to food inspectors, incident clustering to focus the program, and “how to investigate suspicious activity” (19 minutes): <https://www.youtube.com/watch?v=ovXJtlTjojk>
7. **Food Fraud Prevention Challenges in E-Commerce [FSAI] – e-commerce and country-level assessment:** a presentation at the Food Safety Authority of Ireland meeting for the EU Food Integrity Project. **This covers** a Food Fraud Vulnerability Assessment (initial screen or pre-filter) for an entire country of a specific product problem. This is an example of a FFVA for an entire country (18 minutes): <https://www.youtube.com/watch?v=uhrkoUuOhEk>
8. **Food Fraud Table Top Exercise (FFTTX) [FDA/MDARD] – crisis management:** The FDA funded project to the State of Michigan and MSU is provided at this <LINK>. The resource includes situational manual, presentation, and video lectures or each part of the exercise. **This covers** a mock incident exercise. Summary (8 minutes): https://www.youtube.com/watch?v=1ziUS9_FX3k
9. **Management to Food Fraud Prevention with Case Study [Kerry] – applying enterprise risk management:** a project deliverable. This covers the application of Enterprise Risk Management/ COSO. **This covers** comparing a new food fraud incident to all other corporate-wide risks and includes how to assess “how much is enough” and (22 minutes): https://www.youtube.com/watch?v=DVI_k-7_NEw&t=89s
10. **The Role of Enterprise Risk Management in Food Fraud Prevention [Accounting] – intro to ERM:** a webinar reviewing the ERM concepts and the MSU-FFI report. **This covers** the basic concepts of food fraud and of ERM which is an entry point for either a top-down or bottom-up starting point (6 minutes): URL: <https://youtu.be/Cg8T9C8nURs>

Please consider these training and education opportunities. For more please see www.FoodFraud.msu.edu.