

CAMEO® for Facility Hazard Analysis Class

2022 Classes - Fact Sheet

About this class: This class includes weekly hands-on lessons and activities, “how to” videos and Q & A Zoom sessions with two experienced instructors. **Tom Bergman and Carol Way** have teamed up to offer a unique class, *specifically designed* for LEPCs, Fire Planning Officers, Facility Safety Staff, and Emergency Managers, on how to use the free CAMEO® Suite software to help visualize and better understand the hazardous materials threat in your jurisdiction. This course is particularly helpful for Tier II Managers and local Emergency Planners. It is also an excellent introduction into using the CAMEO programs for all types of emergency events, i.e., fire, floods, severe weather, etc.

- **Tom Bergman** is one of the leading certified CAMEO instructors in the country and has conducted CAMEO Training all over the United States and the world. He is often sought out for his expertise and was the Lead Developer and Senior Instructor for the DHS Office of Domestic Preparedness, “Introduction to CAMEO” courses delivered nationally by the National Center for Biomedical Research and Training. Tom has conducted CAMEO training in Turkey, Morocco, Kenya, Lithuania, Poland, Latvia, Estonia, and Sweden as well as 48 U.S. states. His students include members of the U.S. Chemical Safety Board, U.S. Air Force, U.S. Navy, U.S. Army, USEPA, NOAA, FEMA, and USDOT.
- **Carol Way** is a hazardous materials consultant working throughout Colorado to conduct Local Chemical Safety Workshops for LEPCs, facilities and responders. She has over 30 years of experience working with hazardous materials as a Hazmat Technician, Training & Enforcement Officer for EPA Region 8, HAZWOPER and HCS/GHS instructor at the OSHA Institute, and as the LEPC Assistant for Colorado.

Class Specifics: This class is a month long and begins with an introductory webinar to introduce the instructors and explain the course logistics. Students receive new lessons each week and then attend a webinar to reinforce the lessons, ask questions and share screens with their class colleagues. Each lesson includes a video tutorial and activities to complete before the weekly webinar.

Webinars: The first webinar is a one-hour introduction to the course. During this hour, the instructors introduce themselves, demonstrate the online class platform operations, ensure that all students are comfortable using Zoom, and review the class objectives/skills that will be covered over the month.

The next four webinars run two hours and focus on the week’s designated topics/skills. Class participants are expected to attend all webinars to receive the maximum benefit from the class. The webinar recordings and notes are posted in the online class platform.

Videos and Activities: Between webinars, students are expected to watch the tutorial video for each assigned lesson and do the associated activities at a time convenient to them. Then, during the webinar, the instructors provide supplemental information and answer questions that the students have regarding the activities from the week’s lessons.

Skills Covered: Each week, the instructors cover specific CAMEO skills. This particular class is not a basic introductory CAMEO class and some familiarity with the software is helpful. The essential skills taught over the month-long class include:

- Import EPCRA Tier II data into CAMEO Data Manager (DM) (Lesson 1)
- Utilize CAMEO DM to create a customized Facility planning document (Lesson 2)
- Extract CAMEO Chemicals information and explore its connection to CAMEO DM (Lesson 3)
- Segregate Tier II Facilities into groups (e.g., RMP, EHS and non-EHS) and Map in MARPLOT (Lesson 4)
- Import critical infrastructure mapping layers into MARPLOT, such as hospitals, schools, and hazmat transportation routes (Lesson 4)
- Create 'hazard zones' around facilities using MARPLOT (Lesson 5)
- Evaluate potentially affected populations and infrastructure in hazard zones (Lesson 5)
- Export information to a spreadsheet, map, and document (Lesson 6)
- Add attachments to a CAMEO DM Chemical Facility record (Lesson 6)
- Maintain and share information (Lesson 7)

Who should take this class? This class is primarily designed for Tier II managers and emergency planners who are interested in understanding the chemical risk that Tier II facilities in their jurisdiction pose to the community. The skills learned in this class may prove useful for other CAMEO users as well, such as safety officers and others working in the regulated community, and those whose role is to support HazMat responders and planners. However, in order to cover all the skills listed above during the limited class time, the instructors assume the following about class participants:

- Students are local emergency planners with some familiarity with CAMEO.
- Students are already conducting emergency planning in their jurisdiction and are looking for ideas on how to better understand the chemical risks from their Tier II facilities.
- Students want to learn ways to use CAMEO to help with Tier II management and chemical hazard analysis planning.

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