



CAMEO® for Facility Hazard Analysis Class

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 and the U.S. Chemical Safety Board, U.S. Air Force, U.S. Navy, U.S. Army, USEPA, NOAA, FEMA, and USDOT.
- **Carol Way** is currently 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 and has been a Hazmat Responder, a Training & Enforcement Officer for EPA Region 8, a HAZWOPER and HCS/GHS instructor at the OSHA Institute and the LEPC Assistant for Colorado.

Class Specifics: This class is a month long and starts with an introductory webinar to introduce the instructors and to explain the program. Students will receive new lessons each week and then will attend a webinar to reinforce the lesson, ask questions and share their screens with their class colleagues. Each lesson will include a video to watch and activities to complete before the webinar.

Webinars: The first webinar will be a one-hour introduction to the class. During this hour, the instructors will introduce themselves, discuss the platform that they are using to team teach this class, make sure that all the students are comfortable using the Zoom platform and will review the class objectives/skills that they will be covering over the month.

The next four webinars will be two hours each and class participants are expected to attend all of them to get the maximum benefit from the class. The webinars will take place on the same day and time each week. The webinar recordings and notes will be available to the class participants, usually within a day of the webinar.

Videos and Activities: Between webinars, students will watch the instructor’s lesson video and do the associated activities at a time convenient to them. Then during the webinar, the

instructors will augment the video with additional information and will answer any questions that the students have regarding the activities for that week.

Skills Covered: Each week, the instructors will cover specific CAMEO skills. This particular class is not a basic introductory CAMEO class and some familiarity with the software is helpful. These are the skills that the instructors will cover over the month-long class:

- Importing EPCRA Tier II data into CAMEO Data Manager (DM) (Lesson 2)
- Explore and utilize CAMEO DM to create a customized Facility planning document (Lesson 2)
- Exploring CAMEO Chemicals and connection to CAMEO DM (Lesson 3)
- Separating Tier II Facilities into groups (e.g., RMP, EHS and non-EHS) and Mapping in MARPLOT (Lesson 4)
- Importing critical infrastructure mapping layers into MARPLOT, such as hazmat transportation routes (Lesson 4)
- Creating 'hazard zones' around facilities using MARPLOT (Lesson 5)
- Evaluating potentially affected populations and infrastructure in hazard zones (Lesson 5)
- Exporting information to a spreadsheet, map, and document (Lesson 6)
- Adding attachments to a CAMEO DM Chemical Facility record (Lesson 6)
- Maintaining and sharing 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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For more information or to enroll in the next class, please email Carol.Way@cameosuitetraining.com