

Training Evaluation Request
Oregon Environmental Services Advisory Council
Watura
Cybersecurity

Course title: Cybersecurity

Drinking Water CEUs: 2.0 h

Wastewater CEUs: 2.0 h

Instructor bio: **Maelle LIMOUZIN** is a Water Resources and Environmental Engineer who studied at UT Austin. She spent 10 years working in a consulting company for drinking water and wastewater public utilities and 3 years in a company that manages drinking water and wastewater facilities. Currently, she uses her technical expertise and experience to train public and private organizations in managing their drinking water and wastewater systems.

Course description: Cyberattacks are a growing threat to water utilities, and every employee plays a crucial role in protecting digital infrastructure. Strengthening cybersecurity awareness is essential to ensure the continuity and safety of water services. This training course introduces the fundamentals of cybersecurity with a focus on the specific risks faced by water utilities. It also presents key best practices to help users protect digital tools and data in their day-to-day activities.

Learning goals:

- Apply best practices to avoid cyberattacks
- Identify the main risks of a cyberattack for a water utility
- Describe the appropriate response in the event of a suspected cyberattack

Tracking attendance method:

The e-learning platform offers a highly interactive experience designed to engage learners at every stage. It begins with an initial test to assess knowledge and tailor the learning journey. The course includes short, focused videos interspersed with mandatory training quizzes that reinforce key concepts and ensure active participation. Students are required to watch every video entirely and to answer practice questions before advancing to the next course module. Students cannot skip course content. A final quiz at the end of each chapter evaluates overall comprehension and certifies the learner's mastery of the material. Students must obtain a minimum score of 70% for every chapter's final quiz to successfully complete the course and obtain the certificate of attendance. The platform automatically tracks each learner's learning time. The real learning time is indicated alongside the delivered credits in the course completion certificate.

Course outline: Cybersecurity

Initial Test		11 min
1. General Overview	1.1. Course Overview	2 min
	1.1. Introduction to Cybersecurity	4 min
	1.2. The Risks of a Cyberattack	5 min
	1.3. Cybersecurity for Water Utilities	4 min
	1.4. Most Common Types of Cyberattacks	5 min
	1.5. Hackers	4 min
	1.6. What to do in the Event of a Cyberattack	4 min
	1.7. Chapter 1 - Fact Sheet	3 min
	Chapter final test	10 min
2. Best Practices	2.1. Passwords	4 min
	2.2. Password Scenarios - Activity	2 min
	2.3. Emails	4 min
	2.4. Example of Bad Emails - Activity	2 min
	2.3. Data Backup	4 min
	2.4. Risks of Using Personal Devices	4 min
	2.5. Access Rights	4 min
	2.6. Remote Working	4 min
	2.7. Software Updates	4 min
	2.8. Downloading Software	4 min
	2.9. Online Payments	4 min
	2.10. Protecting Smartphones and Tables	4 min
	2.11. Course Glossary	4 min
2.12. Chapter 2 - Fact Sheet	5 min	
Chapter final test	15 min	
Total Learning Time		120 min
Requested Contact Hours		2 h