

Onsite Wastewater Practitioner Level One Modules

(OWTS – Onsite Wastewater Treatment Systems)

Students are expected to participate in significant self-study. For every hour spent in the classroom, students should be spending one to two hours in self-study, reading the training modules and working through the quizzes, example problems and self-tests provided.

Self Study Anticipated Hours Per Module

OWTS100	2 hours	OWTS110	3 hours
OWTS101	2 hours	OWTS111	3.5 hours
OWTS102	3 hours	OWTS112	6 hours
OWTS103	3.5 hours	OWTS113	6 hours
OWTS104	4 hours	OWTS114	1.5 hours
OWTS105	3.5 hours	OWTS115	1.5 hours
OWTS106	6 hours	OWTS116	0 hours -info only
OWTS107	4 hours	OWTS117	1.5 hours
OWTS108	4 hours	OWTS118	5.5 hours
OWTS109	6 hours	Math Workbook	2 hours

Total Anticipated Self-Study Hours: 68.5 hours

DAY ONE (7.00 hrs.)

OWTS100	Overview and Principles of OSS Treatment: Brief overview of all types of Systems	<i>Time: 1.00 hours</i>
OWTS101	Regulations and the SPM	<i>Time: 0.5 hours</i>
OWTS102	Sewage and Effluent Strength	<i>Time: 1.5 hours</i>
OWTS103	Movement of Water in Soil	<i>Time: 2 hours</i>
OWTS104	Soil Treatment of effluent	<i>Time: 2 hours day one</i>

DAY TWO (7.75 hrs.)

OWTS104	Soil Treatment of effluent, con't.	<i>Time: 1.5 hours day two</i>
OWTS105	Determining Sewage Volumes and Loading Rates for Design Purposes	<i>Times: 2 hours</i>
OWTS106	Basic Soil Evaluation for OWS	<i>Time: 4.25 hours</i>

DAY THREE (7.0 hrs.)

OWTS107	Site Evaluation	<i>Time: 2.5 hours</i>
OWTS108	Initial Treatment Processes	<i>Time: 2.5 hours</i>
OWTS114	Treatment Plants	<i>Time: .75 hour</i>
OWTS115	Sand Filters	<i>Time: .75 hour</i>
OWTS116	Surface Discharge	<i>Time: 0.5 hours</i>
OWTS117	Lagoons	<i>Time: 0.5 hours</i>

DAY FOUR (7.75 hrs)

Site & Soil Field Evaluation *Time: 7.75 hours*

DAY FIVE (7.75 hrs.)

OWTS109 Effluent Distribution Systems
OWTS110 Dose Tanks or Chambers
OWTS111 Pumps and Controls

Time: 3 hours
Time: 1.5 hours
Time: 1.5 hours

DAY SIX (7.75 hrs.)

OWTS112 Drainfield design and Sizing
OWTS113 Mounds
System Design Review

Time: 1.5 hours
Time: 3.25 hours
Time: 4.0 hours

DAY SEVEN (7.5 hrs.)

**OWTS 118 - Case Studies – Design Review,
preparation for Final Exam**

Time: 7.5 hours

DAY EIGHT (6.5 hours)

Final Written Examination

Time: 6.5 hours