

## Design Courses Training Matrix - Learning Center (LC) Courses and Priority Recommendations

LC Group	Learning Center (LC) Course Name	Hours	Type OLT ILT SS	TT2-3	TE1-2	TE3	Manager	Recommended Attendees / Notes
DES	<u>WSDOT ACCESS CONTROL OLT</u>	4	OLT	3	3	2	2	Staff involved with WSDOT owned roadways / (which all have Limited or Managed Access Control)
DES	<u>WSDOT DES: BASIS OF ESTIMATE</u>	1	OLT	3	3	3	3	Staff involved with project estimates
DES	<u>WSDOT DES: COGNITIVE BIAS</u>	1	OLT	3	3	3	3	All staff
DES	<u>WSDOT DES: CONSTRUCTABILITY IN DESIGN OLT</u>	4	OLT	3	2	1	2	Staff involved in planning, scoping, design, and construction
DES	<u>WSDOT CONTRACT PLANS REVIEW OLT</u>	4	OLT	1	1	2	3	Staff who assemble contract plans, specifications, and estimates
DES	<u>WSDOT DES: CONTRACT SPEC WRITING (Modules 1-8)</u>	8	OLT	2	1	3	3	Staff who assemble contract specifications or write project specific provisions
DES	<u>WSDOT DES: COST ESTIMATING OLT</u>	4	OLT	2	1	1	2	Staff involved with project estimates / (This is an online document of the powerpoint slides and resources of a past inperson class.)
DES	<u>WSDOT DES: DESIGN ACADEMY</u>	40	ILT	2	1	2	3	Staff like design engineers, team leaders, support offices, and others interested in the design process. (Registration by Regional Representative)
DES	<u>WSDOT DES: DESIGN ANALYSIS</u>	8	ILT	3	1	1	2	Staff involved with Design Analysis and Design Documentation
DES	<u>WSDOT DES: DESIGN DOCUMENTATION</u>	4	ILT	3	1	1	2	Staff involved with Design Analysis and Design Documentation
DES	<u>WSDOT DES: EBASE</u>	4	ILT	2	1	1	2	Staff involved with project estimates
DES	<u>WSDDOT DES: 2025 GRUB CLUB (Registration Blocked so "Express Interest")</u>	1	ILT	3	3	3	3	All staff / ("Express Interest" to get teams invite)
DES	<u>WSDOT DES: 2025 GRUB CLUB Date (Search Grub Club Library for Topic)</u>	1	OLT	3	3	3	3	All staff interested in viewing the recordings
DES	<u>WSDOT DES: INTERCHANGE DESIGN FHWA</u>	16	ILT	1	1	2	3	Staff involved in interchange design
DES	<u>WSDOT DES: INTERCHANGE DESIGN FHWA OLT</u>	16	OLT	1	1	2	3	Staff involved in interchange design
DES	<u>WSDOT DES: INTERSECTION DESIGN</u>	16	ILT	1	1	2	3	Staff involved in intersection design
DES	<u>WSDOT DES: PROJECT DEVELOPMENT PROCESS (Modules 1-9)</u>	8	OLT	2	2	1	1	Staff involved in planning, scoping, design, and construction
DES	<u>WSDOT DES: PROJECT RISK MANAGEMENT (Modules 1-7)</u>	2	OLT	2	2	1	1	Staff involved in planning, scoping, design, and construction
DES	<u>WSDOT DES: QUALITY MANAGEMENT OLT</u>	4	OLT	2	2	1	1	All staff
DES	<u>WSDOT DES: ROADSIDE SAFETY TRAINING (Session 1-6)</u>	16	OLT	1	1	2	3	Staff involved in roadway design and construction
ENV	<u>WSDOT ENV: CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL</u>	8	ILT	1	1	1	3	All WSDOT staff responsible for developing and/or implementing TESC Plans are required to take this course every 3 years.
GEN	<u>WSDOT GEN: BASIC SURVEYING</u>	20	SS	1	1	3	3	New technicians and engineers / (coordinated by Construction Trainers)

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GEN	<u>WSDOT GEN: CONTRACT PLANS READING (SELF-STUDY)</u>	40	SS	1	1	3	3	New technicians and engineers / (coordinated by Construction Trainers)
PM	<u>WSDOT PM: INTRODUCTION TO PROJECT SCHEDULING (Modules 1-10)</u>	8	OLT	2	2	1	1	Staff involved in scheduling a project
PS	<u>WSDOT PRACTICAL SOLUTIONS OVERVIEW OLT</u>	1	OLT	1	1	1	1	staff involved in planning, scoping, design, and construction / (Replaced "WSDOT PS 101")
PS	<u>WSDOT PS 201 MULTIMODAL MAKING THE CASE MODULE1 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL LAND USE MODULE2 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL PHASES AND NEEDS MODULE3 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL PERFORMANCE BASICS MODULE4 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL TRANSIT MODULE5 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL WALKING MODULE6 OLT</u>	1	OLT	3	3	3	3	" / (Recommended Replacement for "Pedestrian Accommodation Workshop")
PS	<u>WSDOT PS 201 MULTIMODAL BIKING MODULE7 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL FREIGHT MODULE8 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction
PS	<u>WSDOT PS 201 MULTIMODAL CONFLICTS AND HUBS MODULE9 OLT</u>	1	OLT	3	3	3	3	Staff involved in planning, scoping, design, and construction

This matrix is a design training guide for Technicians, Engineers, and Engineering Managers. The matrix lists design training available in LC, the type of training that it is, and recommends priorities for the different technician and engineering job classes. Every Learner and position is unique and may have different training needs. Please contact design trainers below with training, prioritization, and recommendation questions.

Priority Meaning		Course Type	
1	Courses for specific discipline or present job. Supervisor to prioritize by type of work staff is performing.	OLT	On Line Training (available 24 hours a day / 7 days a week)
2	Courses which enhance staff knowledge and/or may prepare them for advancement.	ILT	Instructor Lead Training (can be virtual or in person)
3	Courses that are elective. These optional courses are agreed upon by staff and supervisor.	SS	Self Study Training

Contact: Design Trainers Carol Winfrey and Dan Backman

Design Training

Learning Center (LC)