

Design Courses Training Matrix - The Learning Center (TLC) Courses and Priority Recommendations

TLC GROUP	TLC COURSE NAME	TLC COURSE CODE	HOURS	TYPE SS OLT ILT	STATUS	TT1	TT2	TT3	TE1	TE2	TE3	Manager	NOTES
DES	WSDOT ACCESS CONTROL OLT	Access_Managment_ORG	4	OLT	Active	3	2	2	1	1	2	2	All WSDOT owned roadways have Limited or Managed Access Control
DES	WSDOT DES: BASIS OF ESTIMATE	WSDOT DES BOE	1	OLT	Active	3	2	2	1	1	1	2	All staff who create project estimates
DES	WSDOT DES: CONSTRUCTABILITY IN DESIGN	WSDOT Constructability In Design	4	ILT	Active	3	2	2	1	1	1	1	
DES	WSDOT CONTRACT PLANS REVIEW OLT	Contract_Plans_Review_ORG	4	OLT	Active	1	1	1	1	1	2	2	
DES	WSDOT DES: CONTRACT SPEC WRITING	WSDOT Contract Spec Writing	8	OLT	Active	3	2	2	1	1	1	2	Staff who assemble contract specs/write project specific provisions
DES	WSDOT DES: COST ESTIMATING	WSDOT Design Training	8	ILT	Active	3	2	2	1	1	1	1	All staff who create project estimates
DES	WSDOT DES: DESIGN ANALYSIS	WSDOT Design Analysis	4	ILT	Active	3	3	3	1	1	1	1	Contact your region Assitant State Design Engineer
DES	WSDOT DES: WSDOT DESIGN DOCUMENTATION	WSDOT DES: Design Documentation	4	ILT	Active	3	2	2	1	1	3	3	Contact your region Assitant State Design Engineer
DES	WSDOT DES: DESIGN MANUAL DIVISION 11 PRACTICAL DESIGN (OLT)	DMUT_ORG	8	OLT	Active	3	2	2	1	1	2	2	
DES	WSDOT DES: INTERCHANGE DESIGN	WSDOT_CFU	8	ILT	Active	3	2	2	1	1	3	3	FHWA
DES	WSDOT DES: INTERSECTION DESIGN	WSDOT_DES_Intersection_TRN	8	ILT	Active	3	2	2	1	1	3	3	Contact Mark Gabel
DES	WSDOT DES: PROJECT DEVELOPMENT PROCESS (Modules 1-9)	WSDOT DES PDP Module #	8	OLT	Active	1	1	1	1	1	1	1	
DES	WSDOT DES: QUALITY MANAGEMENT	WSDOT DES QM	4	OLT	Active	3	2	2	1	1	1	1	
DES	WSDOT DES: ROADSIDE SAFETY	WSDOT RSS	TBD	ILT	Being Developed	3	2	2	1	1	3	3	In development by John Donahue
GEN	WSDOT GEN: CONTRACT PLANS READING (SELF-STUDY)	WSDOT_ADH	40	SS	Active	1	1	1	1	1	2	2	

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PM	WSDOT PM: INTRODUCTION TO PROJECT SCHEDULING (Modules 1-10)	WSDOT PM INTRO PS Module #	8	OLT	Active	3	2	2	1	1	1	1	
PS	WSDOT PRACTICAL SOLUTIONS OVERVIEW OLT	Practical_Solutions_Overview_ORG	1	OLT	Active	1	1	1	1	1	1	1	Replaced "WSDOT PS 101"
PS	WSDOT PS 201 MULTIMODAL MAKING THE CASE MODULE1 OLT	Module_1:_Why_Multimodal?_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL LAND USE MODULE2 OLT	Module_2_Land_Use_&_Transportation_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL PHASES AND NEEDS MODULE3 OLT	Module_3_Phases_and_Needs_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL PERFORMANCE BASICS MODULE4 OLT	Module_4_Performance_Basics_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL TRANSIT MODULE5 OLT	Module_5_Transit_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL WALKING MODULE6 OLT	Module_6_People_Walking_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL BIKING MODULE7 OLT	Module_7_People_Biking_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL FREIGHT MODULE8 OLT	Module_8_Freight_Transportation_ORG	1	OLT	Active	3	3	3	3	3	3	3	
PS	WSDOT PS 201 MULTIMODAL CONFLICTS AND HUBS MODULE9 OLT	Module_9_Modal_Conflicts_and_Hubs_ORG	1	OLT	Active	3	3	3	3	3	3	3	

This matrix is a design training guide for Technicians, Engineers, and Engineering Managers. The matrix lists design training available in TLC, the type of training that it is, and recommends priorities for the different technician and engineering job classes.

Priority Meaning		TBD =	To Be Determined
		Type of Course	
1	Courses for specific discipline or present job. Supervisor to prioritize by type of work staff is performing.	OLT	On Line Training (availbile 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 vitural or in person)
3	Courses that are elective. These optional courses are agreed upon by staff and supervisor.	SST	Self Study Training

Design Training Resources: Carol Stovall, 360-522-0603, stovalc@wsdot.wa.gov [Design tools & support | WSDOT \(wa.gov\)](#) [The Learning Center](#)