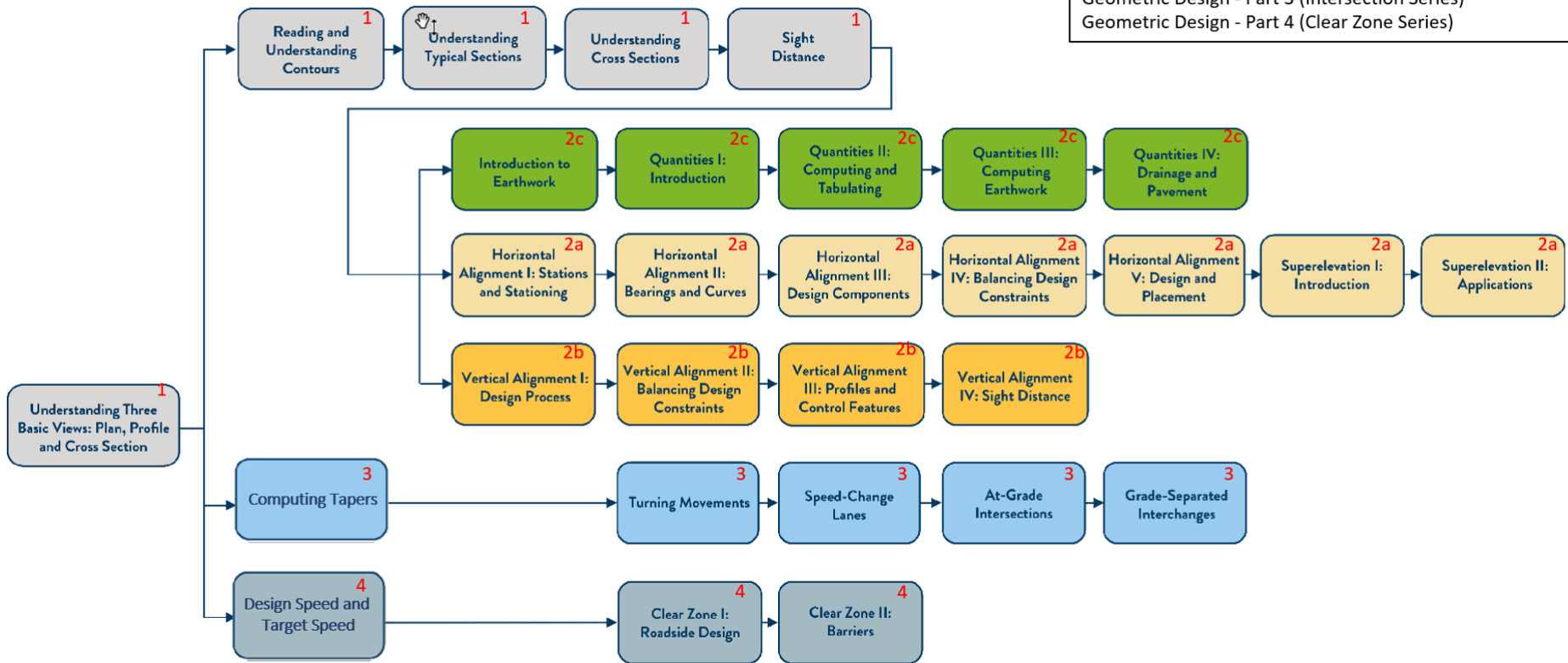


Geometric Design Training Project Lesson Flowchart

- Geometric Design - Part 1 (Basic Series)
- Geometric Design - Part 2a (Horizontal Alignment Series)
- Geometric Design - Part 2b (Vertical Alignment Series)
- Geometric Design - Part 2c (Quantities Series)
- Geometric Design - Part 3 (Intersection Series)
- Geometric Design - Part 4 (Clear Zone Series)



Note: This flowchart provides the recommended order students should take the courses.

Geometric Design

Parts	Class Name	Contact Hours	Course #
Part 1 MoDOT U Link	UNDERSTANDING 3 BASIC VIEWS: PLAN PROFILE AND CROSS SECTION	1.5	92424
	READING AND UNDERSTANDING CONTOURS	2.0	92425
	UNDERSTANDING TYPICAL SECTIONS	1.5	92426
	UNDERSTANDING CROSS SECTIONS	2.0	92427
	SIGHT DISTANCE	2.0	92428
Part 2a MoDOT U Link	HORIZONTAL ALIGNMENT I: STATIONS AND STATIONING	3.0	92433-1
	HORIZONTAL ALIGNMENT II BEARINGS AND CURVES	1.5	92433-2
	HORIZONTAL ALIGNMENT III: DESIGN COMPONENTS	1.5	92433-3
	HORIZONTAL ALIGNMENT IV: BALANCING DESIGN CONSTRAINTS	2.0	92433-4
	HORIZONTAL ALIGNMENT V: DESIGN AND PLACEMENT	2.5	92433-5
	SUPERELEVATION I: INTRODUCTION	3.0	92434-1
	SUPERELEVATION II: APPLICATIONS	2.0	92434-2
Part 2b MoDOT U Link	VERTICAL ALIGNMENT I: DESIGN PROCESS	2.0	92435-1
	VERTICAL ALIGNMENT II: BALANCING DESIGN CONSTRAINTS	2.0	92435-2
	VERTICAL ALIGNMENT III: PROFILES AND CONTROL FEATURES	2.0	92435-3
	VERTICAL ALIGNMENT IV: SIGHT DISTANCE	2.0	92435-4
Part 2c MoDOT U Link	INTRODUCTION TO EARTHWORK	2.0	92431
	QUANTITIES I: INTRODUCTION	2.0	92432-1
	QUANTITIES II: COMPUTING AND TABULATING	2.0	92432-2
	QUANTITIES III: COMPUTING EARTHWORK	2.0	92432-3
	QUANTITIES IV: DRAINAGE AND PAVEMENT	2.0	92432-4
Part 3 MoDOT U Link	COMPUTING TAPERS	2.0	92429
	TURNING MOVEMENTS	2.0	92436
	SPEED-CHANGE LANES	2.0	92437
	AT-GRADE INTERSECTIONS	2.0	92438
	GRADE-SEPARATED INTERSECTIONS	2.0	92439
Part 4 MoDOT U Link	DESIGN SPEED AND TARGET SPEED	2.0	92430
	CLEAR ZONE I: ROADSIDE DESIGN	2.0	92440-1
	CLEAR ZONE II: BARRIERS	2.0	92440-2