

List of CIVL284 Laboratory Experiments (STANDARDS TO BE USED)**SPRING 2019-2020**

WEEK 1	ASTC C187 (Amount of Water Required for Normal Consistency of Hydraulic Cement Paste)
	ASTM C191 (Time of Setting of Hydraulic Cement by Vicat Needle)
WEEK 2	ASTM C702 (Reducing Samples of Aggregate to Testing Size)
	ASTM C29 (Bulk Density ("Unit Weight") and Voids in Aggregate)
WEEK 3	ASTM C136 and ASTM C33 (Sieve Analysis of Fine and Coarse Aggregates; And Concrete Aggregates)
WEEK 4	ASTM C70 - (Surface Moisture in Fine Aggregate)
	ASTM C 117 - (Materials Finer than 75- μm (No. 200) Sieve in Mineral Aggregates by Washing)
WEEK 5	ASTM C127-(Relative Density (Specific Gravity) and Absorption of Coarse Aggregate)
	ASTM C128 - (Relative Density (Specific Gravity) and Absorption of Fine Aggregate)
WEEK 6	ASTM C172 - (Sampling Freshly Mixed Concrete)
	ASTM C143 - (Slump of Hydraulic-Cement Concrete)
WEEK 7	ASTM C496 - (Splitting Tensile Strength of Cylindrical Concrete Specimens)
	ASTM C78 - (Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
	ASTM C39 - (Compressive Strength of Cylindrical Concrete Specimens)