CIVIL ENGINEERING CURRICULUM -- 2015-2016

	FALL		Grade			SPRING		Grade
		FRESHMAN YEAR						
CE	1000	VISTA Studio I	2	CE	1010	CE Tools	3	
CHEM	1020	Gen Chemistry I (PN)	4	COJO	2010	Pub Speaking (COM2)	3	
ENGL	1010	Comp & Rhetoric (COM1)	3	ES	2110	Statics	3	
		Freshman Seminar (FYS)	3	MATH	2205	Calculus II	4	
MATH	2200	Calculus I (Q)	4			US & Wyo Constitutions (V)	3	
			16				16	
		SOPHOMORE YEAR						
CE	2000	VISTA Studio II	3	ES	2310	Thermodynamics I	3	
CE	2070	Engr Surveying	3	ES	2330	Fluid Dynamics	3	
ES	2120	Dynamics	3	MATH	2310	Applied Differential Eqns I	3	
ES	2410	Mech of Materials	3	PHYS	1220	Engr Physics II (PN)	4	
MATH	2210	Calculus III	4	STAT	2050	Fund of Statistics	4	
			16				17	
		JUNIOR YEAR						
CE	3000	VISTA Studio III	3	CE	3010	CE Design	3	
CE	3200	Struct Analysis I	3	CE	3400	Intro Envir Engr	3	
CE	3210	CE Materials	3	CE	3500	Transportation Engr	3	
CE	3300	Hydraulic Engineering	3	CE	3600	Soil Mechanics I	3	
		Science Elective [1]	3			Human Cultures (H)	3	
		Human Cultures (H)	3				15	
			18					
		SENIOR YEAR						
CE	40x0	Studio IV [4] (COM3)	4			Prof Develop Elective [3]	3	
		Structural Design PDE [3]	3			Prof Develop Elective [3]	3	
		Prof Develop Elective [3]	3			MSTP Elective [2]	3	
		Prof Develop Elective [3]	3			MSTP Elective [2]	3	
		MSTP Elective [2]	3			MSTP Elective [2]	3	
			16				15	

Total Hours: 129

(1) Science Elective: ASTR 2310, ATSC 2000, 2100, 4001, 4010, 4031, 4033, 4035, 4320, 4400, 4410, LIFE 1010
        CHEM 1030, 1060, GEOL 1100, 1200, 1500, 1600, 2000, 4113, 4444, MOLB 2021, PHYS 1210, 2310
        AECL 2010, 3030, ENTO 1100, SOIL 4100, 4130
(2) MSTP Elective: To be selected from appropriate departmentally approved elective lists. At least 2 hours
        must be Math or Science so that the total hours of Math + Science is at least 32.
(3) Professional Development Electives. One must be Structural Design. Others must cover at least 3
        of the following areas: Environmental, Geotechnical, Transportation, Water Resources
(4) Studio IV is tied to a Professional Development area

A minimum of 48 credit hours must be upper division (3000+) level.