

**2019-20 Construction Engineering Technical Professional Electives (Total of 7 cr-hrs required) Revised 1/20**

Rubric	Number	Cr Hrs	Title	Offered	Prerequisite
BFIN	322	3	Business Finance	F, S, Su	ECNS 204IS, STAT 216Q and ACTG 201 or ACTG 220
BFIN	420	3	Investments	F	BFIN 352 or Consent of Instructor
BMGT	322	3	Operations Management	F, S, Su	STAT 216 and Junior Standing
BMGT	329	3	Human Resource Management	F, S	BMGT 335 and BGEN 361
BMGT	335	3	Management & Organization	F, S, Su	Junior Standing
BMGT	410	3	Sustainable Business Practices	S	BMGT 335 and BMKT 325
BMGT	464	3	International Management	F	BGEN 242D, BMGT 335 and Senior Standing
BMKT	325	3	Principles of Marketing	F, S, Su	Junior Standing and ECNS 202
DDSN	245	3	Civil Drafting	F, S	DDSN 131 or DDSN 101
ECIV	334	3	Heavy Civil Construction Planning and Estimating	F	ECIV 307 or Consent of Instructor
ECIV	350	3	Transportation Engineering	F, S	Junior Standing
ECIV	406	3	Sustainability in Construction	S	ECIV 308
ECIV	417	3	Heavy Civil Construction Practices	S	ECIV 308
ECNS	309	3	Managerial Economics	F	ECNS 204IS or ECNS 251 and M 171
EGEN	324	3	Applied Thermodynamics	F, S	PHSX 205 or 220 and Co-Req: M 166Q or 172Q
EIND	313	3	Work Design & Analysis	S	WRIT 101W
EIND	425	3	Technology Entrepreneurship	F	CSCI 111 or equiv. and EIND 354 or equiv.
EIND	434	3	Project & Engineering Management	F	Junior Standing
SRVY	355	3	Surveying Calculations	S even	SRVY 230 Surveying
SRVY	361	3	Intro to Legal Principles in Surveying	F even	SRVY 230 Surveying
SRVY	362	3	Public Land Survey Systems	F odd	SRVY 230 Surveying
SRVY	375	3	Analyt Photo/Remote Sensing	F odd	M 165Q or M 171Q or M 181Q
SRVY	474	3	Project Design in Surveying	S odd	SRVY 230 Surveying; Co-req: DDSN 245

**Internship Electives - Minimum 2 Credits Required - Maximum 4 Credits Total**

ECIV	492	2	Independent Study - Reno Preparation Course	F	Good Academic Standing
ECIV	492	1	Independent Study - Reno Competition Course	S	Reno Prep. Course & Good Academic Standing
ECIV	498	1-2	Career Internship	Su	
ETCC	490R	1-4	Undergraduate Research	F, S, Su	
ETCC	492	1-2	Independent Study	F, S, Su	
ETCC	498	1-2	Career Internship	Su	
EGEN	498Z	3	Career Internship - EWB Internship	Su	

Max 3 cr  
total.


- A petitioned course.
- A course from a completed minor.
- A course from a prior/concurrent BS/BA degree.
- A course from a completed Honors program.