

# OCCC Engineering - Transfer to **OU Civil Engineering**

Associate in Science

3/21/2016

Year	FIRST SEMESTER	HRS	SECOND SEMESTER	HRS
<b>FRESHMAN</b>	<b>OCCC</b>		<b>OCCC</b>	
	MATH 2104, Calculus and Analytic Geometry I	4	MATH 2214, Calculus and Analytic Geometry II	4
	CHEM 1115, General Chemistry I	5	PHYS 2014, Engineering Physics I	4
	ENGL 1113, English Composition I	3	ENGL 1213, English Composition II	3
	SCL 1001, Success in College Life	1	CHEM 1215, General Chem II	5
	ENGR 1113, Introduction to Engineering	3		
<b>TOTAL CREDIT HOURS</b>		<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>
<b>SUMMER</b>	<b>SUMMER/INTERSESSION/ONLINE</b>			
	PSY 1113, <i>Intro to Psychology (OR)</i>	3		
	SOC 1113, <i>Intro to Sociology</i>			
	ENGR 2243, Statics	3		
<b>TOTAL CREDIT HOURS</b>		<b>6</b>		
<b>SOPHOMORE</b>	<b>OCCC</b>		<b>OCCC</b>	
	MATH 2314, Calculus and Analytic Geometry III	4	GEOL 1114, General Geology	4
	PHYS 2114, Engineering Physics II	4	POLSC 1113, American Federal Government	3
	ENGR 2143, Strength of Materials	3	CAT 1214, Computer Aided Design**	4
	HUM 1113, Music Appreciation (OR)	3	<b>OU</b>	
	ART 1053, Art Appreciation (OR)		ENGR 3410, Transfer Students	0
	HUM 2243, Film Studies		MATH 2413, Ordinary Differential Equations	3
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	CEES 2223, Fluid Mechanics	3
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	<b>TOTAL CREDIT HOURS</b>	
<b>17</b>				
<b>SUMMER</b>	<b>SUMMER/INTERSESSION/ONLINE</b>			
	GEOG 2603, <i>World Regional Geography (OR)</i>	3		
	HUM 2143, <i>Mythology</i>			
	HIST U.S. History Elective	3		
<b>TOTAL CREDIT HOURS</b>		<b>6</b>		
<b>JUNIOR</b>	<b>OU (Need Prerequisites to Enroll)</b>		<b>OU</b>	
	§CEES 1000, CEES Seminar	0	§CEES 1000, CEES Seminar	0
	ENGR 2431, Electrical Circuits	1	ENGL 3153, Technical Writing	3
	ENGR 3401, Engineering Economics	1	CEES 3243, Water & Waste Treatment Design	3
	CEES 3213, Water Resources Engineering	3	CEES 3663, Structural Design Steel 1	3
	CEES 3364, Soil Mechanics	4	CEES 3403, Materials	3
	CEES 3263, Intro to Dynamics for ArchE & CE	3		
	CEES 3414, Structural Analysis	4		
	<b>TOTAL CREDIT HOURS</b>		<b>16</b>	<b>TOTAL CREDIT HOURS</b>
<b>12</b>				
<b>SENIOR</b>	<b>OU</b>		<b>OU</b>	
	§CEES 1000, CEES Seminar	0	§CEES 1000, CEES Seminar	0
	#Professional Elective	3	#Professional Elective	3
	CEES 4803, Professional Practice	3	CEES 4903, Civil Engineering Capstone (Capstone)	3
	CEES 4453, Geomatics Engineering	3	CEES 3883, Transportation Engineering	3
	CEES 3673, Structural Design Concrete 1	3	#Professional Elective	3
	ANTH 4263, Cross-Cultural Human Problems	3		
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	<b>TOTAL CREDIT HOURS</b>	
<b>12</b>				
Prerequisite Courses required for 1st Semester Junior Year.			CEES 2223 Fluid Mechanics does not require Thermo at OU.	
			OCCC Total Hours: 69	
			OU Total Hours: 61	
§Students must complete a minimum of four semesters of CEES 1000.				
#Chosen from list of professional electives with approval of the faculty adviser-total of nine hours; three hours must be design oriented. Professional elective list available in CEES Undergraduate Student Handbook.				
* Transfer students may be able to substitute ENGR 1113 for CEES 1112 on OU degree plan				
** Transfer students can substitute CAT 1214 for CEES 2213 on OU degree plan				