

OCCC Engineering - Transfer to **OU Architectural Engineering**

Associate in Science Min. 61 Credits

2/2/2017

Year	FIRST SEMESTER	HRS	SECOND SEMESTER	HRS
FRESHMAN	OCCC		OCCC	
	MATH 2104 , Calculus and Analytic Geometry I CHEM 1115 , General Chemistry I ENGL 1113 , English Composition I ENGR 1113 , Intro to Engineering SCL 1001 , Success in College Life	4 5 3 3 1	MATH 2214 , Calculus and Analytic Geometry II PHYS 2014 , Engineering Physics I ENGL 1213 , English Composition II HUM 1113 , <i>Music Appreciation (OR)</i> ART 1053 , <i>Art Appreciation (OR)</i> HUM 2243 , <i>Film Studies</i> <i>Applies to Artistic Forms Humanity at OU</i>	4 4 3 3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	14
SUMMER	SUMMER/INTERSESSION/ONLINE			
	PSY 1113 , <i>Intro to Psychology (OR)</i> SOC 1113 , <i>Intro to Sociology</i> <i>Applies to Social Sciences at OU</i> ENGR 2243 , <i>Statics</i>	3 3		
	TOTAL CREDIT HOURS	6		
SOPHOMORE	OCCC		OCCC	
	MATH 2314 , Calculus and Analytic Geometry III PHYS 2114 , Engineering Physics II ENGR 2143 , <i>Strength of Materials</i> HIST U.S. History Elective	4 4 3 3	POLSC 1113 , American Federal Government GEOL 1114 , General Geology MATH 2413 , <i>Ordinary Diff. Equations</i> ENGR 2333 , <i>Thermodynamics</i> CAT 1214 , <i>Computer Aided Design</i>	3 4 3 3 4
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	17
SUMMER	SUMMER - OU			
	ENGR 2410 , <i>Transfer Student Orientation</i> ENGL 3153 , <i>Technical Writing</i>	0 3		
	TOTAL CREDIT HOURS	3		
JUNIOR	OU (Need Prerequisites to Enroll)		OU	
	ENGR 2431 , <i>Electrical Circuits</i> CEES 3263 , <i>Intro to Dynamics for ArchE and CE</i> CEES 3364 , <i>Soil Mechanics</i> CEES 2223 , <i>Fluid Mechanics</i> CEES 3413 , <i>Structural Analysis</i> ARCH 2363 , <i>Methods III - Materials & Form</i> CEES 1000 , <i>Seminar</i>	1 3 3 3 3 3 1	CEES 4113 , <i>Bldg. Lighting & Elec. Systems</i> AME 3173 , <i>Heat Transfer</i> CEES 3403 , <i>Materials</i> CEES 3663 , <i>Structural Design Steel 1</i> CEES 3453 , <i>Intro to Construction Management</i> CEES 1000 , <i>Seminar</i>	3 3 3 3 3 1
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	16
SENIOR	OU		OU	
	AME 4653 , <i>Air Cond. Sys. Design</i> CEES 3673 , <i>Structural Design Concrete I</i> CEES 4803 , <i>Prof. Practice</i> CEES 4753 , <i>Structural Design - Wood</i> ENGR 3401 , <i>Engineering Economics</i> ARCH 2243 , <i>Hist. of Architecture</i> CEES 1000 , <i>Seminar</i>	3 3 3 3 1 3 1	CEES 4993 , <i>Architectural Engineering Capstone</i> CEES 4333 , <i>Foundation Engineering</i> <i>Professional Elective</i> <i>#Professional Elective</i> CEES 1000 , <i>Seminar</i> ARCH 1263 , <i>Methods II - Patterns of Arch</i>	3 3 3 3 1 3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	16
Prerequisite Courses required for 1st Semester Junior Year			CEES 2223 Fluid Mechanics does not require Thermo at OU.	
ARCH 2243(F) satisfies 3 Hours Western Civ. Students can take this at OU and transfer humanity credit back to OCCC.				
##Transfer students sub for CEES 1112 with a CEES professional elective (2nd professional elective).				
§Students must complete a minimum of four semesters of CEES 1000.			OCCC Total Hours:	67
			OU Total Hours:	69