

SURVEYING COURSEWORK - OSU CCE

100/200/(300) SERIES CLASSES REQUIRED FOR CECOP		
OSU Course #	Credits	Generic Description
WR 121	3	English Composition
COMM 111	3	Public Speaking
CCE 101	2	Introduction to CCE
CCE 102	3	Civil Engineering Computations
CCE 201	3	Civil Engineering Graphics & Design
CE 202	3	Geospatial Information and GIS
PH 211	4	General Physics with Calculus 1
PH 212	4	General Physics with Calculus 2
CH 201	3	Chemistry for Engineers
MTH 251	4	Differential Calculus
MTH 252	4	Integral Calculus
ST 314	3	Statistics
ENGR 211	3	Statics
ENGR 213	3	Strength of Materials
WR 327	3	Technical Report Writing
ECON 201	4	Introduction to Microeconomics

300/400 SERIES CLASSES REQUIRED FOR FIRST CECOP INTERNSHIP		
OSU Course #	Credits	Generic Description
CE 361* or CEM 263*	4 / 3	Surveying Theory or Plane Surveying
CE 365*	3	Highway Location & Design
ENGR 407	1	CECOP Engineering Seminar

300/400 SERIES CLASSES REQUIRED FOR SECOND CECOP INTERNSHIP		
OSU Course #	Credits	Generic Description
CE 465/565*	3	Oregon Land Survey Law
<i>AND a minimum of 9-10 credits from the following list to make 16 credits total of FS approved courses* :</i>		
CE 461/561*	3	Photogrammetry
CE 463/563*	4	Control Surveying
CE 469/569*	3	Property Surveys
CE 562*	4	Digital Terrain Modeling

Notes:

1) Additional courses are required and must be taken at the appropriate times to insure timely graduation. Each CECOP student is required to develop an individualized course plan of study leading to graduation.

2) * indicate coursework meeting OSBEELS requirements to sit for the FS exam. To sit for the FS exam, CE or CEM students must complete 16 quarter credit hours of * courses (including Oregon Survey Law) in addition to completing their BS degree in CE or CEM.