

Chemical Engineering Coursework OSU

OSU COURSE #	Generic Description
100/200 SERIES CLASSES REQUIRED FOR PRO SCHOOL	
WR 121	English Composition
COM 111	Public Speaking
CHE 102	Introductory Chemical Engineering Computation
PH 211	Physics I
PH 212	Physics II
PH 213	Physics II
CH 221	General Chemistry
MTH 251	Differential Calculus
MTH 252	Integral Calculus
MTH 306	Matrix and Power Series
MTH 254	Vector Calculus, I
MTH 256	Applied Differential Equations
ENGR 201	Electrical Fundamentals I
ENGR 211	Statics

ADDITIONAL 200 SERIES CLASSES REQUIRED FOR MECOP ENTRANCE	
CH 222	General Chemistry
CH 223	General Chemistry
CHE 211	Material Balances and Stoichiometry
CHE 212	Energy Balances
CHE 213	Process Analysis
CHE 331	Organic Chemistry
CHE 332	Organic Chemistry

300/400 SERIES CLASSES REQUIRED FOR FIRST YEAR MECOP INTERSHIP	
CHE 311	Thermodynamics
CHE 312	Thermodynamics
CHE 331	Transport Phenomena I
CHE 332	Transport Phenomena II
WR 327	Technical Writing
ENGR 407	MECOP Engineering Seminar

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300/400 SERIES CLASSES REQUIRED FOR SECOND YEAR MECOP INTERSHIP	
CHE 411	Process Unit Operations
CHE 443	Chemical Reaction Engineering
CHE 414	Chemical Engineering Lab I
CHE 415	Chemical Engineering Lab II
CHE 416	Chemical Engineering Lab III
CHE 361	Data Acquisition & Process Control
CHE 461	Process Control
CHE 333	Transport Phenomena III
ENGR 407	MECOP Engineering Seminar