

Attachment 3

Pre Engineering Curriculum

Course/Lab	Semester/Summer Taken	Current Delivery Mode	Comments
Semester 1			
Math 135 Precalculus	1	Traditional	Offered at CCs
Chem 161 General Chemistry	1	Traditional	Offered at CCs
Chem 161L General Chemistry Lab	1	Traditional	Offered at CCs
Semester 2			
Math 140 Trigonometry	2	Traditional	Offered at CCs
Chem 162 General Chemistry 2	2	Traditional	Offered at CCs
Math 241 Calculus 1	Summer 2	6 wk Intensive	Offered at CCs
Semester 3			
Phys 170 General Physics 1	3	Traditional and Online	
Math 242 Calculus 2	3	Traditional and Online	
EE 160 Computer Programming	3	Traditional	To be developed
Semester 4 and beyond			
Phys 272 General Physics 2	4	Traditional and Online	To be developed
EE 211 Basic Circuit Analysis	4	Traditional	To be developed
Math 243 Calculus 3	4		
CE 270 Statics	4	Traditional and Online	
Phys 170L General Physics 1 Lab	Summer 3	4 wk intensive	
Phys 272L General Physics 2 Lab	Summer 3	4 wk intensive	
Transfer to UHM COE	5		
UHM COE Courses in Civil, Electrical, or Mechanical Engineering, and REIS	5-8		