

# ARCHITECTURAL ENGINEERING

FIRST YEAR

*Academic Year: 2020-2021*

SECOND YEAR

Fall

Winter

Spring

Fall

Winter

Spring

Co-Req: MTH 112  
or higher

**CCE 101**  
Civil and Construction  
Engineering Orientation  
F (2)

**CCE 102**  
Problem Solving &  
Technology  
W (3)

**Biological Science  
Elective w/Lab**  
F, W, S U (4)

CCE 102

**CCE 207**  
CCE Seminar  
F (1)

MTH 111

**CCE 201**  
Graphics & Design  
F, W, (3)

CCE 201 or  
ENGR 248

**CCE 203**  
Virtual  
Des/ Construction  
W, S (3)

MTH 111

**CH 201**  
Chemistry  
F, W (3)

**PHL 205\*\***  
Perspective:  
Western Culture  
F, W, S, U (4)

MTH 251

**PH 211**  
General Physics w/Calc  
F, W, S, U (4)

MTH 251  
& PH 211

**PH 212**  
General Physics w/Calc  
F, W, S, U (4)

MTH 252

**ST 314**  
Statistics for Engineers  
F, W, S (3)

ENGR 211

**CEM 263**  
Plane Surveying  
F, S (3)

MTH 112

**MTH 251**  
Differential Calculus  
F, W, S (4)

MTH 251

**MTH 252**  
Integral Calculus  
F, W, S, U (4)

MTH 252

**MTH 254**  
Vector Calculus I  
F, W, S, U (4)

MTH 252

**MTH 264 (2)  
+265 (2)**  
F, W, S, U (4)

MTH 254

**MTH 256**  
Applied Differential Eq.  
F, W, S (4)

WR 121

**WR 327**  
Technical Writing  
F,W,S (3)

**WR 121**  
English Composition  
F, W, S (3)

**HHS 231**  
Lifetime Fitness &  
Health  
F,W,S (2)

**COMM 111  
or 114**  
Speech Comm  
F, W, S (3)

MTH 252

**ENGR 211**  
Statics  
F, W, S, U(3)

ENGR 211

**ENGR 213**  
Strengths of Materials  
F, W, S (3)

ENGR 211  
& PH 211

**ENGR 212**  
Dynamics  
F, W, S, (3)

**Perspective-  
Cultural Diversity**  
F, W, S

**PAC**  
Physical Activity  
Course  
F, W, S (1)

MTH 251 &  
MTH 252

**ECON 201\***  
Intro to  
Microeconomics  
F, W, S, U (4)

MTH 251 &  
MTH 252

**ENGR 201**  
Electrical Fund I  
F, W, S (3)

**Perspective-  
Literature & Art  
Art 210:  
History of Western  
Architecture**

\*\* Satisfies Perspective – Western Culture

( ) The number within the parentheses represent the credits of the course.

\* Satisfies Perspective – Social Processes and Institutions

F, W, S, U Represents the term the course is offered (Fall, Winter and Spring, sUmmer term respectively).

# ARCHITECTURAL ENGINEERING

THIRD YEAR

*Academic Year: 2020-2021*

FOURTH YEAR

Fall

Winter

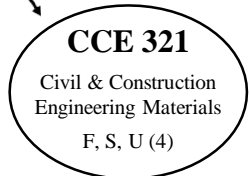
Spring

Fall

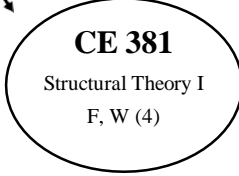
Winter

Spring

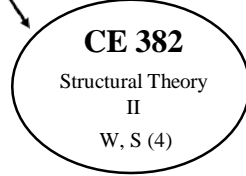
ENGR 213, ST 314



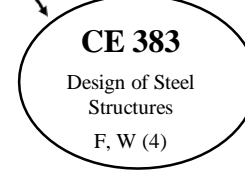
ENGR 213



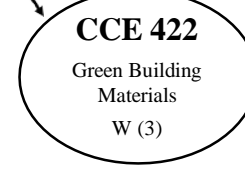
MTH 306 or MTH  
264/265, CE 381



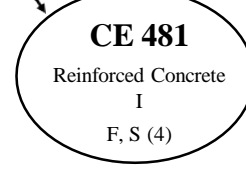
CE 382



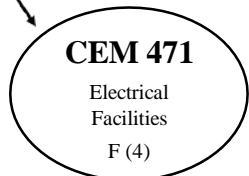
CCE 321



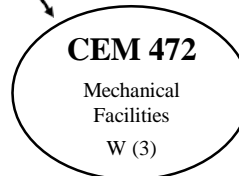
CE 382



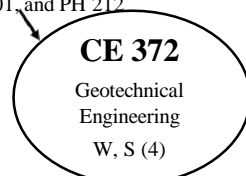
CCE 207



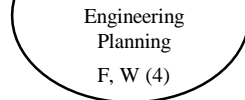
CCE 207



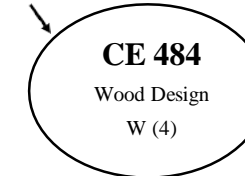
ENGR 213, CE 311 can be Co Req,  
CH 201, and PH 212



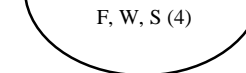
**CE 420**



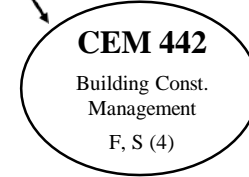
CE 383 or 481



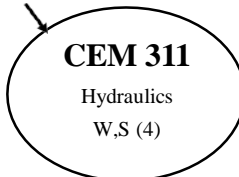
**Technical  
Elective**



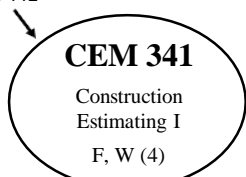
CCE 207



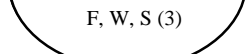
ENGR 211



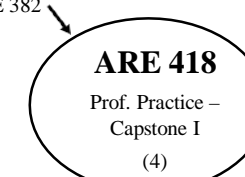
CEM 442



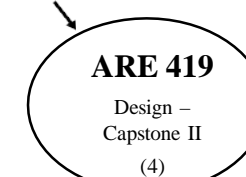
**Technical  
Elective**



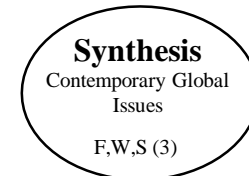
ARE 352, ARE 353,  
CE 382



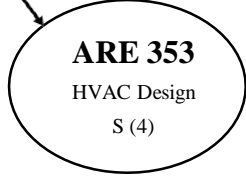
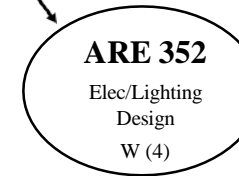
ARE 418



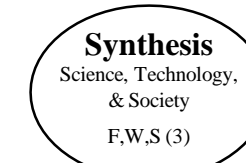
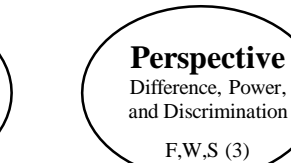
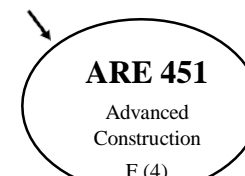
CEM 471



CEM 472



CEM 442



**NOTES:**