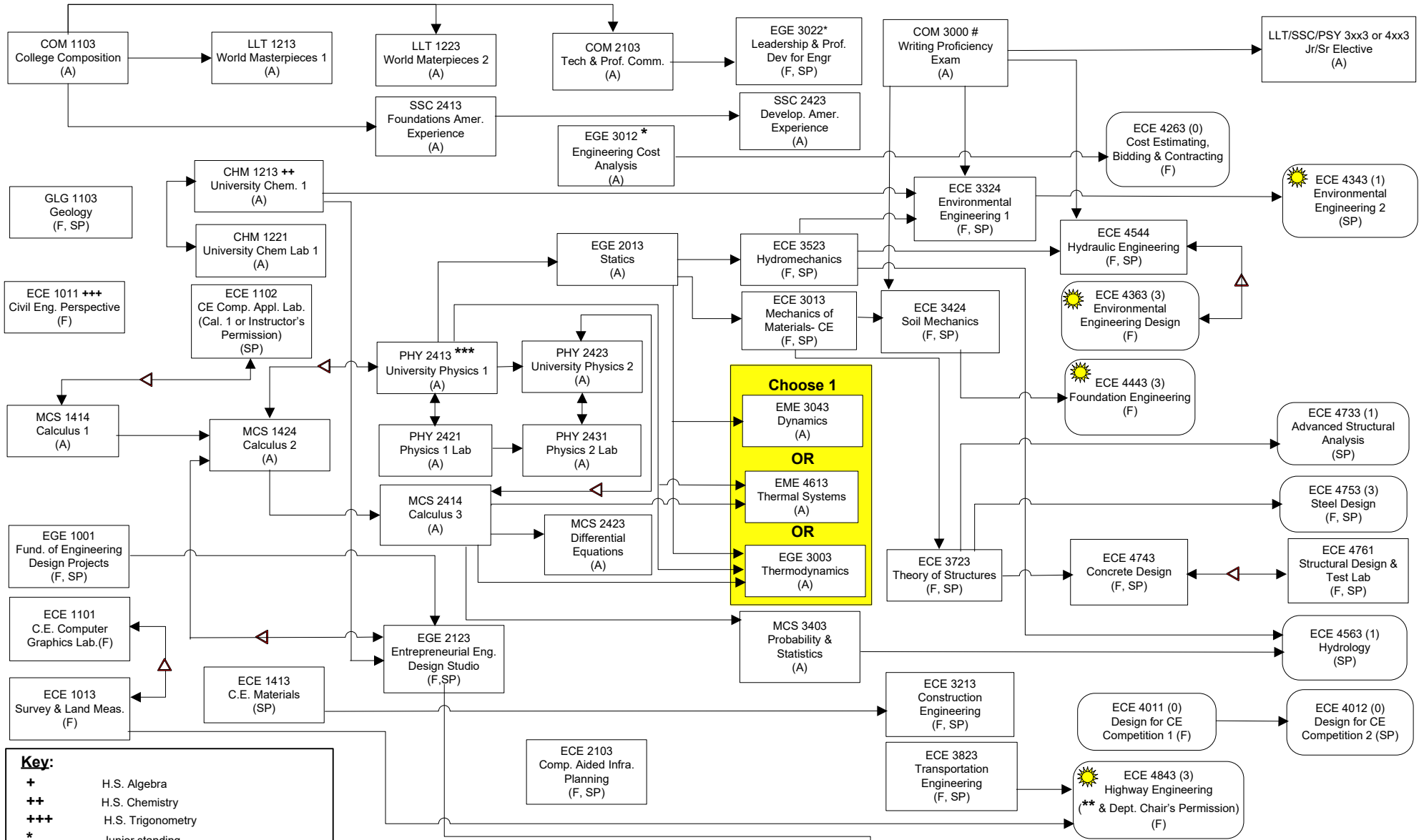


Freshman Year

Sophomore Year

Junior Year

Senior Year



Key:

- + H.S. Algebra
- ++ H.S. Chemistry
- +++ H.S. Trigonometry
- * Junior standing
- ** Senior standing
- *** PHY1154 or Placement Test required
- # Completion of three of the following: LLT1213, LLT1223, SSC2413 & SSC2423
- ⚡ Crossover
- 1 ← 2 Course 2 may be taken concurrently with 1 (or Course 1 may be taken without 2)
- 1 ↔ 2 Courses 1 & 2 must be taken concurrently

Technical Elective (TE) Courses Criteria:

(a) TE courses are indicated by boxes with Rounded Corners. Select Four TE courses giving a total TE credits of least 12.

(b) The selected Four TE courses MUST have a Total Design Credits equal to or exceed 7. Design Credits are indicated by the number in (...) to the right side of each TE course number.

(c) The selected Four TE courses MUST include at least ONE course with the icon ☀

Semester Hours:

Freshman	0 - 20
Sophomore	30 - 59
Junior	60 - 89
Senior	=> 90

emYuen, Ph.D., P.E.
Effective: May 2018

Choose 1

- EME 3043 Dynamics (A)
- OR
- EME 4613 Thermal Systems (A)
- OR
- EGE 3003 Thermodynamics (A)

Department of Civil and Architectural Engineering
Course Completion Log
Bachelor of Science in Civil Engineering (132 credits)

Student Name _____
 Student No. _____

Advisor _____
 Semester/Year of Entry _____

Course Number & Title	Grade
Freshman Year - 1st Semester	
COM1103 College Comp {ALL}	
EGE1001 Fund. of Engr Design Project {F, SP}	
ECE1101 CE Computer Graphics Lab {F}	
MCS1414 Calculus 1 {ALL}	
ECE1011 CE Perspectives {F}	
ECE1013 Surveying & Land Measure {F}	
GLG1103 Geology {F, SP}	

Course Number & Title	Grade
Freshman Year - 2nd Semester	
LLT1213 World Masterpieces 1 {ALL}	
ECE1413 CE Materials {SP}	
ECE1102 CE Comp. Appl Lab {SP}	
MCS1424 Calculus 2 {ALL}	
CHM1213 University Chemistry 1 {ALL}	
CHM1221 University Chemistry 1 Lab {ALL}	

Sophomore Year - 1st Semester	
EGE2123 Entrep. Engr. Dsn. Studio {F, SP}	
LLT1223 World Masterpieces 2 {ALL}	
PHY2413 University Physics 1 {ALL}	
PHY2421 University Physics 1 Lab {ALL}	
MCS2414 Calculus 3 {ALL}	
SSC2413 Foundation of Amer. Exp. {ALL}	

Sophomore Year - 2nd Semester	
COM2103 Tech. & Prof. Comm. {ALL}	
EGE2013 Statics {ALL}	
PHY2423 University Physics 2 {ALL}	
PHY2431 University Physics 2 Lab {ALL}	
MCS2423 Differential Equations {ALL}	
ECE2103 Comp. Aided Infra. Planning {F, SP}	
EGE3012 Engineering Cost Analysis {ALL}	

Junior Year - 1st Semester	
SSC2423 Devel. of Amer. Exp. {ALL}	
ECE3523 Hydromechanics {F, SP}	
ECE3013 Mechanics of Mat'ls for CE {F, SP}	
EGE3003 Thermodynamics {ALL}; OR	
EME3043 Dynamics {ALL}; OR	Intro
EME4613 to Therm. Syst. (Non-ME) {ALL}	
MCS3403 Probability & Statistics {ALL}	
EGE3022 Leadership & Prof. Dev. for Engr.	

Junior Year - 2nd Semester	
ECE3424 Soil Mechanics {F, SP}	
ECE3723 Theory of Structures {F, SP}	
ECE3823 Transportation Engr. {F, SP}	
ECE3324 Environmental Engr. 1 {F, SP}	
ECE3213 Construction Engineering {F, SP}	
<i>Note: Take WPE on completion of three of the following:</i>	
LLT1213, LLT1223, SSC2413 & SSC2423	
COM3000 Writing Proficiency Exam {ALL}	

Senior Year - 1st Semester	
ECE4022 CE Design Project 1 {F}	
ECE4743 Concrete Design {F, SP}	
ECE4544 Hydraulic Engineering {F, SP}	
ECE4051 Ethics & Prof. Issues {F, SP}	

Senior Year - 2nd Semester	
ECE4032 CE Design Project 2 {SP}	
ECE4761 Structural Dsn Test Lab {F, SP}	
ECE4243 Construction Project Mgmt. {F, SP}	
LLT/SSC/PSY 3xx3/4xx3 Jr/Sr Elective {ALL}	

Technical Electives (12 Credits)

Numbers in parenthesis are design credits, which should total 7

ECE4263 Cost Estimating (0) {F}	
ECE4443 Foundation Engr (3) {F}	
ECE4363 Environ. Engr. Design (3) {F}	
ECE4843 Highway Engr. (3) {F}	
ECE4011 CE Design Competition 1 (0) {F}	

ECE4343 Environmental Engr. 2 (1) {SP}	
ECE4563 Hydrology (1) {SP}	
ECE4733 Adv. Struct. Analysis (1) {SP}	
ECE4753 Steel Design (3) {F, SP}	
ECE4012 CE Design Competition 2 (0) {SP}	

Substitutions

