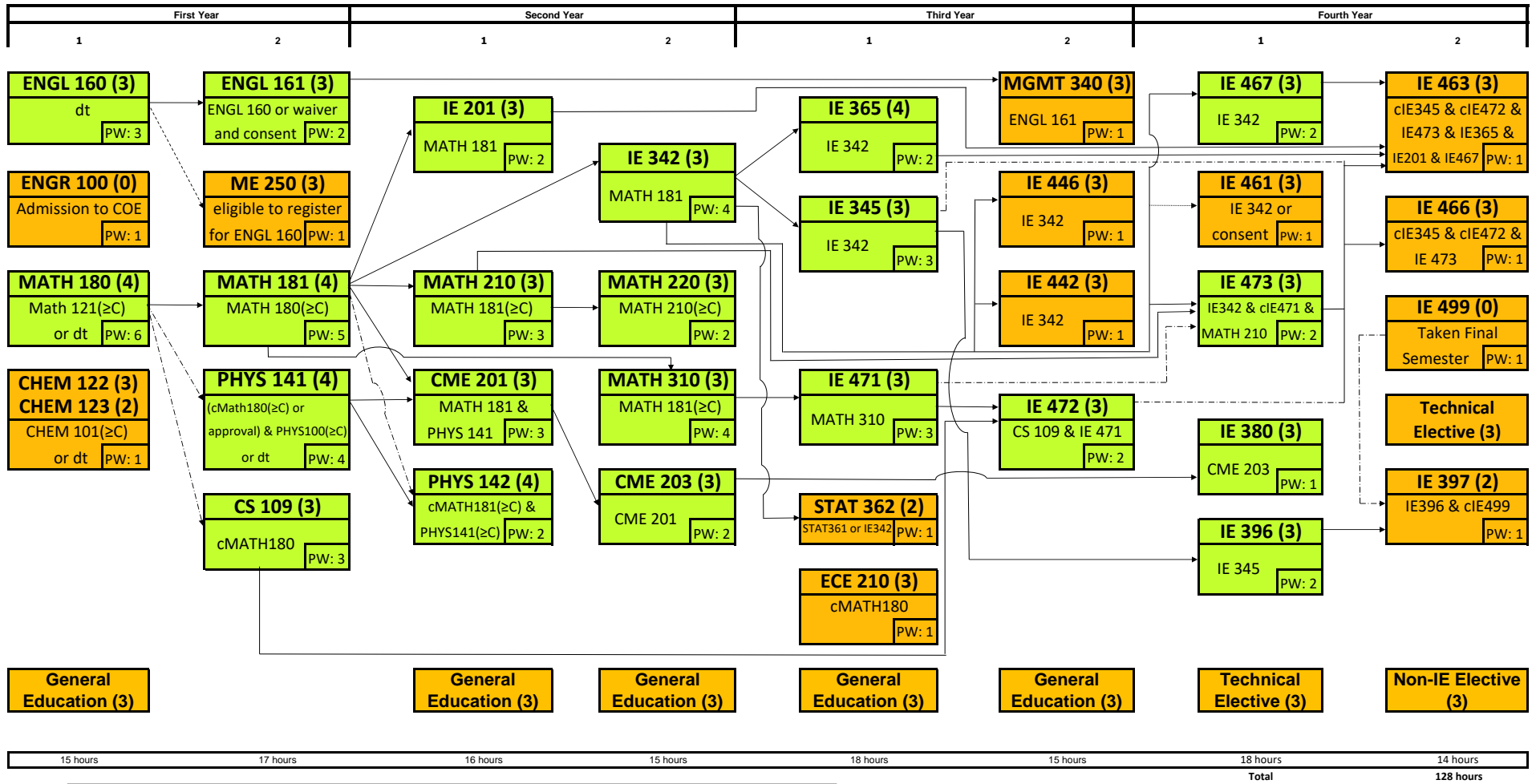


4-Year Study Plan for Industrial Engineering (Fall 2017 to Spring 2024)



**ADDITIONAL INFORMATION:**

**Equivalent Courses:**

CHEM 122 and CHEM 123 = CHEM 112(≥C) = CHEM 116(≥C)  
 MATH 180 = MATH 165 = MATH 170  
 MATH 310 = MATH 320  
 ECE 210 = ECE 225  
 Both IE 396 and IE 397 = Both IE 444 and IE 445

Must be taken during student's last year of study: IE 396 & IE 499 & IE 397.  
 Must be taken student's last semester of study: IE 499 & IE 397.

**Course offered: IE396 is only offered in the Fall and IE397 is only offered in the Spring.**

Credit for graduation is not given by the College of Engineering(COE) for courses numbered below CHEM 112, PHYS 141, and MATH 180; such preparatory courses cannot be used as nonmajor electives or free electives.

**Technical Electives:** Select two of the following to satisfy the requirements needed:

**Course Code: Credits: Prerequisite(s):**  
 IE 392 3 (up to 6) consent of the head of the department  
 ME 205 3 PHYS 141 & MATH 181  
 ME 210 3 CME 201  
 ME 347 3 MATH 220 & CME 203 & ME 250  
 IE COURSE 400-LEVEL not required above

**LEGEND:**

**Symbol meaning:**

(≥C) = Need grade C or better  
 & =and  
 approval = approval from the department  
 c = must have credit or concurrent enrollment to the course  
 dt = department placement test

**Positional Weight (PW):** means that the higher the number the more critical it is to take the class on time. The number (n) means that there are (n-1) semesters after that, that depends on the course; meaning (n-1) courses after. For example: MATH 180 has a PW: 6 which means there are 5 semesters after you take MATH 180 that requires this course.

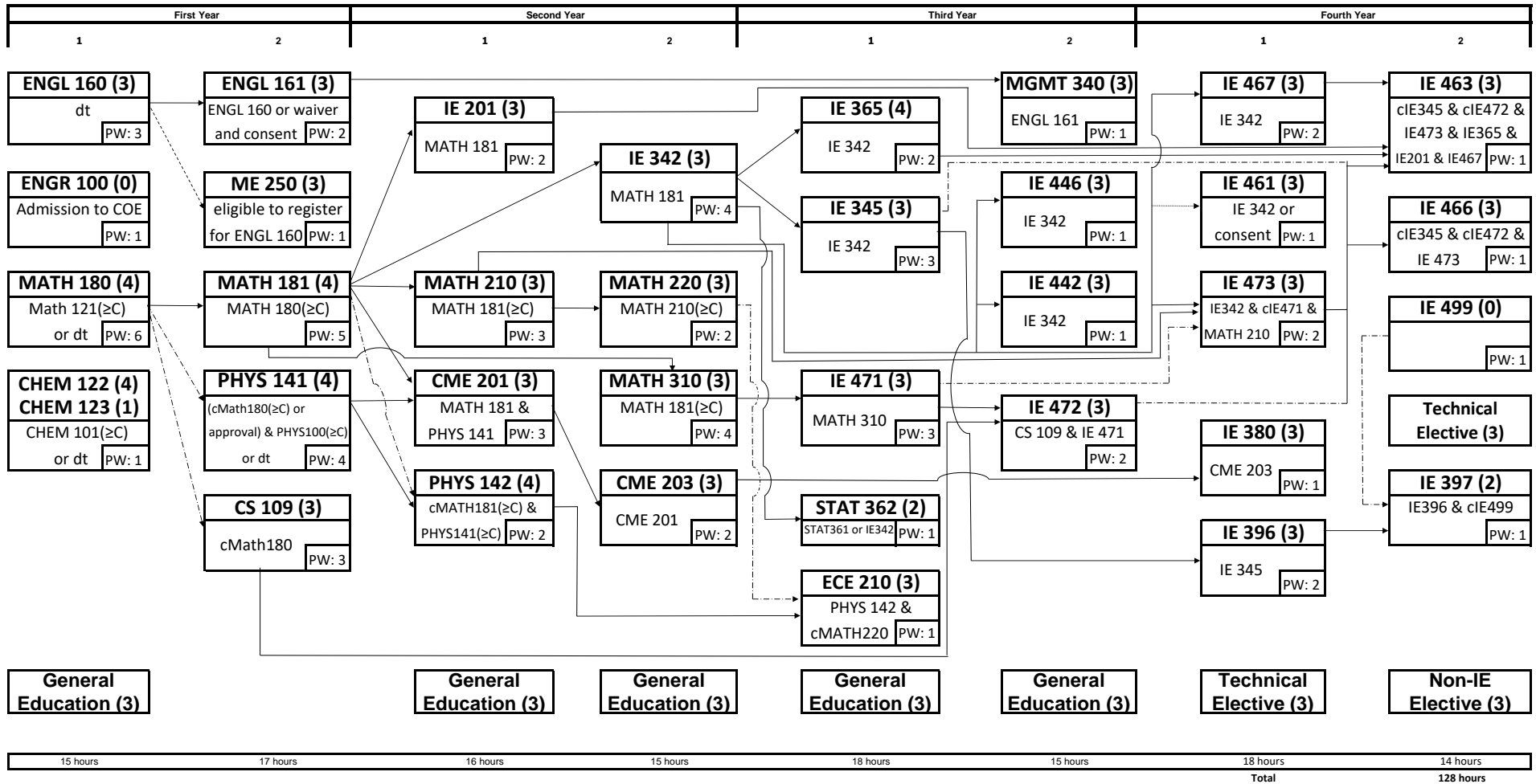
**Course Code (Credit Hours)**

**Prerequisites**

**Positional Weight**

Absolute Prerequisite —————→  
 Eligible to Register .....→  
 Concurrent Enrollment - - - - -→  
 Consent from instructor/ approval from department head

**4-Year Study Plan for Industrial Engineering (Fall 2017 and After)**



**ADDITIONAL INFORMATION:**

**Equivalent Courses:**

CHEM 122 and CHEM 123 = CHEM 112(≥C) = CHEM 116(≥C)  
 MATH 180 = MATH 165 = MATH 170  
 MATH 310 = MATH 320  
 ECE 210 = ECE 225  
 Both IE 396 and IE 397 = Both IE 444 and IE 445

Must be taken during student's last year of study: IE 396 & IE 499 & IE 397.

Must be taken student's last semester of study: IE 499 & IE 397.

Course offered: IE396 is only offered in the Fall and IE397 is only offered in the Spring.

Credit for graduation is not given by the College of Engineering(COE) for courses numbered below CHEM 112, PHYS 141, and MATH 180; such preparatory courses cannot be used as nonmajor electives or free electives.

**Technical Electives:** Select two of the following to satisfy the requirements needed:

Course Code:	Credits:	Prerequisite(s):
IE 392	3 (up to 6)	consent of the head of the department
ME 205	3	PHYS 141 & MATH 181
ME 210	3	CME 201
ME 347	3	MATH 220 & CME 203 & ME 250

IE COURSE 400-LEVEL not required above

**LEGEND:**

**Symbol meaning:**

(≥C) = Need grade C or better  
 & =and  
 approval = approval from the department  
 c = must have credit or concurrent enrollment to the course  
 dt = department placement test

**Positional Weight (PW):** means that the higher the number the more critical it is to take the class on time. The number (n) means that there are (n-1) semesters after that, that depends on the course; meaning (n-1) courses after. For example: MATH 180 has a PW: 6 which means there are 5 semesters after you take MATH 180 that requires this course.

**Course Code (Credit Hours)**

**Prerequisites**

**Positional Weight**

