# **ENGINEERING (GREEN2GOLD)**

Ivy Tech Associate of Science Degree Completion Guide

Students who do not meet Green2Gold admissions requirements may still be considered for Ivy Tech's Engineering program. Admission for these students will be dependent upon available seats and selection criteria.

Students who are not in the Green2Gold program will participate in the cohort and take many of the same classes. However, the transfer pathway for these students will not include Purdue University.

Transfer will include other university partners such as Indiana State University or the University of Indianapolis.

Cohorts begin in August.



Fall 2

#### **IVYT 111: Student Success** in University Transfer 1 credit hour

└ Taken Week Prior To Term ┘

#### **ENGR 190:** Introduction to **Engineering Design** 2 credit hours

**ENGL 111: English Composition** 3 credit hours

#### **MATH 211:** Calculus I

4 credit hours 16-week class

#### **ENGR 140: Engineering Software** Tools I

3 credit hours 16-week class



#### **ENGL 215:** Rhetoric & Argument

3 credit hours

## PHYS 220: **Mechanics**

5 credit hours 16-week class

### **MATH 212:** Calculus II

4 credit hours 16-week class

#### **ENGR 160: Engineering Software** Tools II

3 credit hours 16-week class



Spring 2

#### **MATH 261: Multivariate Calculus**

4 credit hours

#### **COMM 101: Fundamentals of**

**Public Speaking** 

3 credit hours



#### Elective:

Social/Behavioral Science

3 credit hours

#### **PHYS 221: Heat, Electricity & Optics** 5 credit hours

16-week class

## **MATH 265:**

Linear Algebra

3 credit hours 16-week class



## **ENGR 116:**

Geometric Modeling for Visualization

2 credit hours

**Humanistic & Artistic** 

Spring 1 Ways of Knowing\* 3 credit hours

**Elective:** 

#### **MATH 264:**

**Differential Equations** 

3 credit hours 16-week class

#### CHEM 105: General Chemistry I

5 credit hours 16-week class

#### **ENGR 279: Capstone Course**

1 credit hour 16-week class



