



**UNIVERSITY OF THE DISTRICT OF COLUMBIA**  
**SCHOOL OF ENGINEERING AND APPLIED SCIENCES**  
**Department of Civil Engineering**

**CIVIL ENGINEERING PROGRAM**  
**Effective Fall 2016**

**Student** \_\_\_\_\_ **Student ID #** \_\_\_\_\_

**Advisor** \_\_\_\_\_ **Office:** \_\_\_\_\_

**FIRST SEMESTER – FALL SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
IGED-110	Found Writ Arts & Hum	3	_____
IGED-130	Found Oral Comm.	3	_____
CHEM-111	General Chemistry I Lec	3	_____
CHEM-113	General Chemistry I Lab	1	_____
MATH-151	Calculus I Lec	3	_____
MATH -155	Calculus I Lab	1	_____
CCEN-101	Intro to Engineering	2	_____
<b>Total</b>		<b>16</b>	

**SECOND SEMESTER – SPRING SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
IGED-111	Found Writ Soc. & Nat Sc.	3	_____
IGED-140	Found Ethics & Values	3	_____
MATH-152	Calculus II Lec	3	_____
MATH-156	Calculus II Lab	1	_____
PHYS-201	University Physics I Lec	3	_____
PHYS-205	University Physics I Lab	1	_____
MECH-105	Comp. Aided Graphics	3	_____
<b>Total</b>		<b>17</b>	

**THIRD SEMESTER – FALL SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
IGED-210	Discov. Expo Writing	3	_____
MATH -254	Differential Equation	3	_____
PHYS-202	University Physics II Lec	3	_____
PHYS -206	University Physics II Lab	1	_____
CVEN-201	Engineering Mechanics I	3	_____
CSCI-135	Scientific Programming	3	_____
<b>Total</b>		<b>16</b>	

**FOURTH SEMESTER – SPRING SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
IGED-270	Discov. Loc/Glob Cul Div	3	_____
XXXX-xxx	Science Elective*	4	_____
CVEN-202	Engineering Mechanics II.	3	_____
CVEN-206	Mechanics of Solids Lec	3	_____
CVEN-207	Mechanics of Solids Lab	1	_____
XXXX-xxx	Engineering Elective*	3	_____
<b>Total</b>		<b>17</b>	

**FIFTH SEMESTER – FALL SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
IGED-280	Discov Civ/Ser/Team	3	_____
CVEN-311	Theory of Structures Lec	3	_____
CVEN-313	Theory of Structures Lab	1	_____
CVEN-325	Hydrology & Hydr Lec	3	_____
CVEN-327	Hydrology & Hydr Lab	1	_____
CVEN-351	Transportation Engineering	3	_____
MATH-381	Probability & Statistics	3	_____
<b>Total</b>		<b>17</b>	

**SIXTH SEMESTER – SPRING SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
CVEN-308	Appl. Num Analysis	3	_____
CVEN-352	C.E. Materials Lec	3	_____
CVEN-354	C.E. Materials Lab	1	_____
CVEN-312	Design of Steel Struc	3	_____
CVEN-442	Water Resources Eng.	3	_____
CVEN-453	Traffic Engineering	3	_____
<b>Total</b>		<b>16</b>	

**SEVENTH SEMESTER – FALL SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
MECH -406	Engineering Economics	3	_____
CVEN-331	Geotech Engr Lec	3	_____
CVEN-332	Geotech Engr Lab	1	_____
CVEN-xxx	CE Technical Elective	3	_____
CVEN-481	FE Preparation	1	_____
CVEN-491	Sr. Project in Civil Eng. I*	3	_____
<b>Total</b>		<b>14</b>	

**EIGHTH SEMESTER – SPRING SEMESTER**

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>	<u>Grade</u>
CVEN-435	Foundation Design Lec	3	_____
CVEN-464	Eng. Ethics & Prof Practice	3	_____
CVEN-xxx	CE Technical Elective	3	_____
CVEN-xxx	CE Technical Elective	3	_____
CVEN-492	Sr. Project in Civil Eng. II*	3	_____
<b>Total</b>		<b>15</b>	

**GRAND TOTAL CREDITS 128**

**Advisor** \_\_\_\_\_ **Date** \_\_\_\_\_ **Department Chair** \_\_\_\_\_ **Date** \_\_\_\_\_

\*Contains intensive writing component

CE Technical Electives (Most Current): CVEN 419, CVEN-475, CVEN 476, CVEN 490; CVEN-452,

\* Science Electives- ENSC-359 or ENSC-145&146; \* Engineering Electives- MECH 208, Any Engineering Course

**A completed copy of this form must accompany each student's Graduation Clearance Form**

## Pre-Requisite Course Flow Chart for Civil Engineering

