

**Temple University College of Engineering**  
**Associate in Science in Engineering Science at Camden County College**  
**to the Bachelor of Science in Civil Engineering at Temple University**  
**(Effective Fall 2017)**

<b>(CCC) Recommended Course</b>			<b>Temple University Equivalent</b>	
<b>First Semester</b>			<b>First Semester</b>	
ENG 101	English Composition I	3	ENGL 0802	Analytic Read & Writing
CAD 101	CAD Engineering Graphics	4	ENGR 1117	Engineering Graphics
CHM 111	Chemistry I - Science	4	CHEM 1031 AND CHEM 1033	General Chemistry I <sup>NOTE 1</sup> AND General Chemistry Lab I
MTH 140	Calculus I	4	MATH 1041	Calculus I
PHY 201	Physics III	4	PHYS 1061	Elementary Classical Physics I
<b>Semester Total:</b>		<b>19</b>		
<b>Second Semester</b>			<b>Second Semester</b>	
ENG 102	English Composition II	3	ENGL T***	English Lower Level Elective
CHM 112	Chemistry II - Science	4	CHEM 1032 AND CHEM 1034	General Chemistry II AND General Chemistry Laboratory II
MTH 150	Calculus II	4	MATH 1042	Calculus II
PHY 202	Physics IV	4	PHYS 1062	Elementary Classical Physics II
EGR 101	Introduction to Engineering	2	ENGR 1101	Introduction to Engineering and Engineering Technology
<b>Semester Total:</b>		<b>17</b>		
<b>Third Semester</b>			<b>Third Semester</b>	
MTH 145	Linear Algebra	4	MATH 2101	Linear Algebra
MTH 210	Calculus III	4	MATH 2043	Calculus III
CSC 121	Structured Programming (C++)	4	CIS 1057	Computer Programming in C <sup>Note 2</sup>
EGR 201	Statics	3	ENGR 2331	Engineering Statics
Gen Ed	Social Science Gen Ed Elective	3	Elective	Dependent upon course selection <sup>Note 3</sup>
<b>Semester Total:</b>		<b>18</b>		
<b>Fourth Semester</b>			<b>Fourth Semester</b>	
MTH 220	Differential Equations	4	MATH 3041	Differential Equations
EGR 211	Engineering Circuit Analysis	3	ECE 2312 AND ECE 2313	Electrical Engineering Science I AND Electrical Engineering Science I Laboratory
EGR 202	Dynamics	3	ENGR 2332	Engineering Dynamics
Gen Ed	Humanities Gen Ed Elective	3	Elective	Dependent upon course selection <sup>Note 3</sup>
Gen Ed	Diversity - Humanities Gen Ed Elective	3	Elective	Dependent upon course selection <sup>Note 3</sup>
<b>Semester Total:</b>		<b>16</b>		
<b>Total Credits Taken</b>		<b>70</b>		
1) CCC's CHM 111: Chemistry I will transfer to Temple as CHEM 1031 General Chemistry I and will satisfy Temple's College of Engineering requirement of CHEM 1035 Chemistry for Engineers through DARS exception. 2) CIS 1057: Computer Programming in C will satisfy ENGR 1102: Intro to Engineering Problem Solving via DARS exception. 3) To see how courses might transfer, consult Temple's Transfer Equivalency Tool <a href="http://http://admissions.temple.edu/transfer-equivalency-tool">http://http://admissions.temple.edu/transfer-equivalency-tool</a> .				

If the suggested classes are successfully completed and an Associate of Science in Engineering Science at Camden County College, the remaining four semesters for the **Bachelor of Science in Civil Engineering** are as follows:

Remaining Requirements at Temple University		
<b>Summer Semester</b>		<b>Credits</b>
ENGR 2333	Mechanics of Solids <sup>Note 1</sup>	3
<b>Semester Total:</b>		<b>3</b>
<b>Fall Semester</b>		<b>Credits</b>
ENGR 3571	Classical and Statistical Thermodynamics	3
CEE 1105	Surveying	2
CEE 2011	Civil Engineering Materials	2
CEE 3331	Soil Mechanics	3
CEE 3332	Soil Mechanics Laboratory	1
CEE 3411	Structural Analysis	3
CEE 3412	Structural Analysis Laboratory	1
<b>Semester Total:</b>		<b>15</b>
<b>Spring Semester</b>		
ENGR 3553	Mechanics of Fluids	3
MEE 3506	Fluids and Energy Laboratory	1
CEE 3441	Steel & Concrete Design	4
ENGR 2196	Technical Communication [WI]	3
ENGR 4169	Engineering Seminar	1
CEE 3048	Probability, Statistics and Stochastic Methods	3
<b>Semester Total:</b>		<b>15</b>
<b>Fall Semester</b>		
ENGR 4175	Senior Design Project I for Civil Engineering	2
CEE XXXX	Technical Elective #1	3
CEE 3711	Environmental Engineering	3
CEE 3311	Construction Engineering	3
Free Elective	Free Elective	2
<b>Semester Total:</b>		<b>13</b>
<b>Spring Semester</b>		
ENGR 4296	Senior Design Project II [WI]	3
CEE 3211	Transportation Engineering	3
CEE XXXX	Technical Elective #2	3
Free Elective	Free Elective	3
<b>Semester Total:</b>		<b>12</b>
<i>Credits transferred as part of the Camden County College Agreement:</i>		<b>70</b>
<i>Summer Coursework at Temple Prior to Enrollment:</i>		<b>3</b>
<i>Remaining B.S. in Civil Engineering Requirements at Temple</i>		<b>55</b>
<b>Total # of Credits Completed to Fulfill the Requirements for BS Civil Engineering:</b>		<b>128</b>
Notes:		
1) Students must complete ENGR 2333 prior to beginning their first full-time semester at Temple. Students transferring without this course will require additional semesters to complete their degree at Temple.		

### DARS EXCEPTIONS TO BE ENTERED BY TEMPLE ACADEMIC ADVISOR

Undergraduate students and their advisors use the Degree Audit Reporting System to plan and track a student's academic career at Temple. DARS works in concert with our Banner Student information system to show how a student's course work to date, including transferred courses, will fulfill the academic requirements necessary to complete a degree in the major field of study

For the DARS exceptions to be processed, students should bring a copy of the articulation agreement and a copy of their final CCC transcript to their first advising appointment with their Temple Academic Advisor. The final transcript must show the degree awarded and a conferral date. Official copy of the final transcript must be sent to the Temple Admissions Office.

- 1) Temple's CHEM 1031 satisfies CHEM 1035
- 2) Temple's CIS 1057 satisfied ENGR 1102

### ABBREVIATIONS KEY

CEE – Civil and Environmental Engineering  
ECE – Electrical Engineering  
ENGR – Engineering  
T\*\*\* General Transfer Elective  
L\*\*\* Lower Level Elective (1000-1999 level course)

To find the online application:

Go to [temple.edu/undergrad](http://temple.edu/undergrad)  
Click on "Apply" on the gray bar across the top  
Click on "Transfer Students" on the left hand side (which will take you to an online application)

Inquiries about the undergraduate program and application are handled through the Office of Admissions (Tel: 215-204-4900/Email: [admissions@temple.edu](mailto:admissions@temple.edu).)

Inquiries about the Bachelor of Science in Civil Engineering program or specific course requirements can be directed to Shawn Fagan (Director of Undergraduate Studies, College of Engineering; Tel: 215-204-8825/Email: [sfagan@temple.edu](mailto:sfagan@temple.edu)).