

ENGINEERING SCIENCE CURRICULUM TRANSFER AGREEMENT GUIDELINE

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| | SCHOOL: Temple University MAJOR: Civil Engineering |
| Community College Curriculum: Engineering Coordinator: Dr. David Cattell Phone: 215-751-8417 E-mail: dcattell@ccp.edu Office: W4-5 | Contact Person: Dr. Steven Ridenour, Director of Undergraduate Programs, College of Engineering Phone: (215) 204-8825 Email: sridenou@astro.temple.edu Web Address: www.temple.edu |
| <p>General Information: An agreement exists between CCP's Engineering Science curriculum and the College of Engineering at Temple University. If a student earns an AS in Engineering Science at CCP, the student, if admitted to the university, transfers with junior standing to the civil engineering major. Students enrolled in the Engineering Science curriculum are eligible for the dual admissions agreement. The dual admissions agreement stipulates that students must satisfy all requirements for the associate degree. Students who first enrolled at CCP Fall 1996 or after are eligible for the core-to-core agreement. Core-to-core stipulates that a student who earns the AS satisfies all Temple University core requirements except in cases in which the student's major requires certain courses. Students who do not earn an AS are responsible for the university core requirement. See core requirement transfer guide in the transfer files of the CCP Career and Transfer Center (West Bldg., 2nd Floor, Rm. 2, 215-751-8168).</p> | |
| COMMUNITY COLLEGE OF PHILADELPHIA - Engineering Curriculum | TEMPLE'S REQUIREMENTS |
| ENGR 102 and 202 Engineering Design Lab I and II | ENGR 001 Intro to Engineering, EE007 and 008 Elect Applns & Lab |
| ENGL 101 and 102 Composition | ENGL C050 Composition and ENGL W103 Writing the Research Essay. |
| MATH 171 and 172 Calculus I and II | MATH C085 and 086 Calculus I and II |
| CHEM 121 and 122 College Chemistry I and II | CHEM C071/073 and C072/074 General Chemistry I and II |
| SOC 101 Intro to Sociology | SOC 050 Intro to Sociology |
| PHYS 140 Mechanics, Heat & Sound and PHYS 241 Electr Magnetism & Light | PHYS C087 and C088 Elem Classical Phys I & II |
| MATH 270 Linear Algebra | MATH 147 Linear Algebra |
| MATH 271 Calculus III | MATH 127 Calculus III |
| MATH 272 Differential Equations | MATH 251 Differential Equations |
| ENGR 221 Statics | ENGR 131 Engineering Statics |
| ENGR 222 Dynamics | ENGR 132 Engineering Dynamics |
| ENGR 205 Materials Engineering | ENGR W233 Materials Science for Engineers |
| Social Science Elect. | Core-to-core – Need only complete CCP degree requirement |
| | Upon transfer to Temple as a full-time student, the following sequence is recommended to complete the bachelor degree: |
| | <u>Summer term between 2nd and 3rd year</u> Engr 133 Mechanicals of Solids Humanities & Social Sci Elect I |
| | <u>Fall semester 3rd year</u> CE 348 Prob. & Statistics for Engrs Humanities & Social Sci Elect II Engr 0271 Class. & Stat. Thermo CE 0211 Structural Analysis CE 0212 Structural Analysis Lab CE 0231 Soil Mechanics CE 0232 Soil Mechanics Lab |

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| | <u>Spring semester 3rd year</u> Engr 0253 Mechanics of Fluids CE 0005 Surveying CE 0015 Surveying Lab CE 0262 Steel & Concrete Design CE XXX Approved CE Elective CE 0241 Constr. Materials Lab ME 0006 Fluids and Energy Lab |
| | <u>Fall semester 4th year</u> Engr 0360 Engineering Seminar Engr W361 Engr Design Project I CE 0251 Hydrology & Hydraulics CE XXX Approved CE Elective Engr W241 Engr. Economics EE 063 Electrical Devices & Sys I |
| | <u>Spring semester 4th year</u> Engr W362 Engr Design Project II CE 0341 Water & Wastewater CE 0342 Transportation Engr. CE 0344 Construction Engr. Humanities & Social Sci Elect III |
| Developed on: 9/01 | Revised On: 4/05, 9/06 |

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