

ENGINEERING SCIENCE CURRICULUM TRANSFER AGREEMENT GUIDELINE

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| | SCHOOL: Temple University MAJOR: Electrical 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 |

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 Electrical 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).

| COMMUNITY COLLEGE OF PHILADELPHIA - Engineering Curriculum | TEMPLE'S REQUIREMENTS |
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| ENGR 102 and 202 Engineering Design Lab I and II | ENGR 001 Intro to Engineering, EE007 and 008 Elect Appls & 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 |
| CSCI 111 Program & Algo Development | CIS C071 Programming in "C" |
| 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> EE 161 Electrical Engr Science I EE 165 Electrical Engr Science II EE 156/157 Digital Circuit Design w/lab |
| | <u>Fall semester 3rd year</u> EE 0210 Signals: Cont & Discrete EE 0220 E-M Fields & Waves EE 235/236 Microprocessor sys w/lab Engl W102 Technical Writing |

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| | Humanities & Social Science I |
| | <u>Spring Semester 3rd year</u> EE 0230 Probability Applied Sci EE 0254 Electr. Devices & Circuits EE 0255 Electr. Devices Lab EE 0282 Classical Control Systems EE xxxx Elective EE xxxx Elective Lab |
| | <u>Fall Semester 4th Year</u> Engr 0360 Engineering Seminar Engr W361 Engr Design Project I EE 0300 Analog & Digital Comm. EE 0301 Analog & Digital Comm. Lab EE 0350 Modern Control Systems EE 0351 Modern Controls Lab EE xxxx Elective |
| | <u>Spring Semester 4th Year</u> Engr W362 Engr Design Project II EE xxxx Elective EE xxxx Elective EE xxxx Elective Lab (optional) Humanities & Social Sci Elect II Humanities & Social Sci Elect III Total Credits = 124 s.h. minimum |
| Developed on: 9/01 | Revised On: 4/05, 9/06 |

Prepared by Jon Brown
 Assistant Professor; Counselor