

ENGINEERING SCIENCE CURRICULUM TRANSFER AGREEMENT GUIDELINE

	SCHOOL: Temple University MAJOR: Mechanical 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. If a student earns an AS in Engineering Science at CCP, the student, if admitted to the university, transfers with junior standing to the mechanical 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 Science Curriculum	TEMPLE'S REQUIREMENTS
ENGR 102 and 202 Engineering Design Lab I and II	ENGR 001 Intro to Engineering, EE 007 and 008 Elect Applns & Lab (Counted as ENGR 011 Engineering Graphics)
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 Intro to Sociology	SOC C050 Intro to Sociology
PHYS 140 Mechanics, Heat and Sound and PHYS 241 Electricity, Magnetism and Light	PHYS C087 and C088 Elem. Classical Physics I and 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 and ENGR 222 Dynamics	ENGR 131 Statics and ENGR 132 Dynamics
ENGR 205 Materials Engineering	ENGR W233 Materials Science for Engineering
Social Science Elective – Choose one course from ANTH, GEOG, HIST, POLS, PSYC, SOC, SSCI	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:
	Summer between 2 nd and 3 rd year ENGR 133 Mechanics of Solids ME 004 Lab/Dynamics and Solids
	Fall Semester, 3 rd year EE 0063 Electr. Dev. & Sys. I ENGR 271 Class. & Stat. Thermo ME 0231 Machine Theory and Design ME 0005 Lab/Materials and Machine Des. ENGR W241 Economic Analysis Humanities & Social Sci Elec I
	Spring Semester 3 rd year

	EE 0066 Electr. Dev. & Sys II ENGR 0253 Mechanics of Fluids ENGR 0310 Computer Aided Design ME 0221 Dynamic Systems ME 0006 Lab/Fluids & Energy Humanities & Social Sci Elec II
	Fall Semester, 4 th year ENGR 0360 Engineering Seminar ENGR W361 Engr Design Project I ME 0382 Vibrations & Controls ME 0372 Heat and Mass Transfer ME Elective ME 0007 Lab/Variations & Controls
	Spring Semester, 4 th year ENGR W362 Engr Design Project II ME 0371 Adv. Thermo and Combust. ME 0008 Lab/Thermo and Heat Transfer ME Elective Humanities & Social Sci Elec III
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