

Rutgers-Camden Pre-Engineering Curriculum Guidelines for the Rutgers School of Engineering

Rutgers-Camden			Rutgers University School of Engineering		
Course #	Title	C.H.	Course #	Title	C.H.
	Fall Term Schedule	17			17
50:750:199	Professional Development for Physicists & Engineers	1	14:440:101	Introduction to Data-Driven Design for Engineering Applications	2
50:640:121	Unified Calculus I	4	01:640:151	Calculus I	4
50:750:131	Elements of Physics I	3	01:750:123	Analytical Physics IA	4
50:750:133	Introductory Physics Lab I	1	01:750:124	Analytical Physics IB	
50:160:115	Chemical Principles I	4	01:160:159	General Chemistry for Engineers	3
50:160:125	Chemical Principles I Lab	1	01:160:171	Introduction to Experimentation	1
50:350:101	English Composition I	3	01:355:100	Basic Composition – General Elective	3
	Spring Term Schedule	17			16
50:640:122	Unified Calculus II	4	01:640:152	Calculus II	4
50:750:140	Introduction to Scientific Computing	3	14:440:127	Introduction to Computers for Engineers	3
50:160:116	Chemical Principles II	4	01:160:160	General Chemistry for Engineers II	3
50:750:253	Mechanics I	3	14:440:221	Engineering Mechanics: Statics	3
50:350:102	English Composition II	3	01:355:101	Expository Writing I	3
	Total Credits	34			33

All students at Rutgers-Camden who complete the courses above with at least a 2.75 GPA in the above courses will be guaranteed admission to the Rutgers School of Engineering in the following Fall semester. The minimum requirement for a school to school transfer is completion of Calculus I, Calculus II, General Chemistry I and Elements of Physics I with a 2.75 minimum in those courses and a 2.50 minimum GPA overall. Students are not allowed to earn D's or F's in the above course and must repeat those courses before being admitted to the School of Engineering.

Start at Rutgers-Camden and Earn a Big 10 Engineering Degree from Rutgers!



For more information about the School to School Transfer program at the Rutgers School of Engineering please email Dr. Robert Ciervo, Assistant Dean for Transfer Services, at transfer@soe.rutgers.edu