

Effective September 2013
 Rutgers, The State University of New Jersey
 Camden College of Arts and Sciences
 '2+2' Engineering Transfer Program

Recommended Schedule – Second Year

Mechanical Engineering

Fall Term				
Course Number	Course Title	Notes	Pre- or co-requisites	Credits
50:640:221	Unified Calculus III		50:640:122	4
50:750:253	Mechanics I		50:750:132	3
50:750:232	Elements of Modern Physics		50:750:132	3
50:750:233	Electric Circuits I		50:750:132, 50:750:235	3
50:750:235	Electric Circuits I Laboratory		50:750:233	1
?:?:?:???	Humanities or Social Science Elective	See list on webpage		3
			Total:	17

Spring Term				
Course Number	Course Title	Notes	Pre- or co-requisites	Credits
50:750:291	Mechanics of Materials		50:750:253	3
50:640:314	Elementary Differential Equations		50:640:221	4
?:?:?:???	Humanities or Social Science Elective	See list on webpage		3
?:?:?:???	Humanities or Social Science Elective	See list on webpage		3
			Total:	13

To ensure junior status, students should take [14:440:222: Dynamics](#) in the summer in New Brunswick before transferring.