

RUTGERS CAMDEN/NEWARK COURSE EQUIVALENCIES – STEM courses

RUTGERS CAMDEN			RUTGERS SOE		
Course #	Title	Credits	Course#	Title	Credits
50:160:115	Chemical Principle I	3	01:160:159	Gen. Chem. For Engrs 1	3
50:160:116	Chemical Principle II	3	01:160:160	Gen. Chem. For Engrs 1	3
50:160:125	Chem Principle Lab I	1	01:160:171	Intro to Experiment.	1
50:750:140	Intro to Comp. Methods in Phy/Eng	3	14:440:127	Intro Comp for Engrs	3
50:640:121	Calculus I	4	01:640:151	Calculus 1 for Math/Phys	4
50:640:122	Calculus II	4	01:640:152	Calculus for Math/Phys	4
50:640:221	Calculus III	4	01:640:251	Multivar. Calc	4
50:750:131	Elem of Phys. I*	3	01:750:123	Anal.Phys Ia	2
50:750:133	Elem of Phys Lab I*	1	01:750:124	Anal.Phys Ib	2
50:750:132	Elem of Phys II	3	01:750:227	Anal. Phys IIa	3
50:750:134	Elem of Phys II lab	1	01:750:229	Anal. Phys IIa lab	1

*\*These courses must be completed as a sequence in order to count as equivalent at RU-NB*

RUTGERS NEWARK			RUTGERS SOE		
Course #	Title	Credits	Course#	Title	Credits
21:160:115	Gen. Chem I Lecture	3	01:160:159	Gen. Chem. For Engrs 1	3
21:160:116	Gen. Chem II Lecture	3	01:160:160	Gen. Chem. For Engrs 1	3
21:160:113	Chem Lab I	1	01:160:171	Intro to Experiment.	1
21:160:335	Org. Chem. I*	4	01:160:307	Org. Chem. 1	4
21:160:336	Org. Chem. II*	4	01:160:308	Org. Chem 1	4
21:160:331	Org. Chem. Lab*	2	01:160:311	Org.Chem.Lab	2
21:640:135	Calculus I	4	01:640:151	Calculus 1 for Math/Phys	4
21:640:136	Calculus II	4	01:640:152	Calculus for Math/Phys	4
21:640:235	Calculus III	4	01:640:251	Multivar. Calc	4
21:640:350	Linear Algebra	3	01:640:250	Linear Algebra	3
21:750:213	Calc-Based Phys. I*	4	01:750:123	Anal..Phys Ia	2
21:750:215	Phys. Lab I*	1	01:750:124	Anal.Phys Ib	2
21:750:214	Calc-Based Phys. II	4	01:750:227	Anal Phys IIa	3
21:750:216	Phys Lab II	1	01:750:229	Anal Phys IIa lab	1

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