Subject	Columbia Class	Course #	Clark Class	Clark Course #	Notes
Mathematics:	Introduction to Applied Mathematics	APMA E2101	Methods of Physics	PHYS 123	
Mathematics:	Linear Algebra	APMA E3101	Linear Algebra	MATH 130	
Biology:	Introductory Biology I	BIOL C2005	Intro Biology	BIOL 101	
Chemistry:	General Chemistry I	CHEM C1403	Intro Chemistry I	CHEM 101	
Chemistry:	General Chemistry II	CHEM C1404	Intro Chemistry II	CHEM 102	
Chemistry:	General Chemistry Lab	CHEM C1500	Part of CHEM 101	---------------	
Chemistry:	Organic Chemistry I	CHEM C3443	Organic Chemistry I	CHEM 131	
Chemistry:	Organic Chemistry Lab	CHEM C3543	Part of CHEM 131	---------------	
Computer Science:	Introduction to Computer Science and Programming in C++	COMS W1003	Only Java offered at Clark	CSCI 120, 124	PHYS 219 is also OK
Computer Science:	Introduction to Computer Science and Programming in Java	COMS W1004	Only Java offered at Clark	CSCI 120, 124	PHYS 219 is also OK
Computer Science:	Introduction to Computer Science and Programming in MATLAB	COMS W1005	Only Java offered at Clark	CSCI 120	PHYS 219 is also OK
Computer Science:	Data Structures in C++	COMS W3133	Data Structures	CSCI 121	
Computer Science:	Data Structures in JAVA	COMS W3134	Data Structures	CSCI 121	
Computer Science:	Data Structure with Algorithms	COMS W3137	Data Structures Algorithms	CSCI 121 and CSCI 160	
Computer Science:	Discrete Mathematics	COMS W3203	Discrete Mathematics	MATH 114	
Computer Science:	Scientific Computation	COMS W3210	Computer Simulation	PHYS 219	
Earth and Environmental Engineering	Alternative Energy Resources	EAEE E2002	The Technology of Renewable Energy	PHYS 243	
Economics:	Introduction to Accounting & Finance	ECON E2261	Two couses at Clark, below		

			Principles of Accounting	ECON 101
			Corporate Finance	ECON 240
Economics:	Principle of Economics	ECON W1105	Principles of Economics	ECON 010
Biology:	Environmental Biology: Molecules & Cells	EEEB W2001	Environmental and Conservational Biology	BIOL 103
Earth & Environmental Sciences:	Earth's Environmetal systems: Climate	EESC V2100	Weather and Climate	GEOG 102
Earth & Environmental Sciences:	Earth's Environmetal systems: The Solid Earth System	EESC V2200	-------------	
Earth & Environmental Sciences:	Advanced General Geology	EESC W4001	Earth System Science	GEOG 104
Electrical Engineering:	Intro. To Electrical Engineering**	ELEN E1201	Electronics Laboratory	PHYS 219
English:	English Composition	ENGL C1010	Any VE (verbal expression) course at Clark	
	Mechanics	ENME E3105	Classical Mechanics	PHYS 160
Industrial Engineering and Operations Research	Probability	IEOR E3658	Probability & Statistics	MATH 217
Mathematics :	Calculus I	MATH V1101	Calculus I or Calculus I Honors	MATH 120, 124
Mathematics :	Calculus II	MATH V1102	Calculus II or Calculus II Honors	MATH 121, 125
Mathematics :	Calculus III	MATH V1201	Linier algebra	MATH 130
Mathematics :	Calculus IV	MATH V1202	Multivariable Calculus	MATH 131
Mathematics :	Ordinary Differential Equations:	MATH V1210	Differential Equations	MATH 244
Mathematics:	Linear Algebra	MATH V2010		

Physics:	Mechanics& Thermodynamics	PHYS C1401	Introduction to Physics I	PHYS 120
Physics:	Electricity Magnetism & Optics	PHYS C1402	Introduction to Physics II	PHYS 121
Physics	Classical & Quantum Waves	PHYS C1403	Oscillations, Waves and optics	PHYS 130
Physics:	Physics Lab	PHYS C1493/4	Included in PHYS 120,121	---------------
Industrial Engineering and Operations Research	Introduction to Probability & Statistics	SIEO W3600	Probability & Statistics	MATH 217
Probability & Statistics:	Introduction to Statistics	STAT W1211	Probability & Statistics	MATH 217
Probability & Statistics:	Statistical Inference	STAT W3107	----------------------	