

## TRANSFER CREDIT EQUIVALENTS FOR ENGINEERING

<u>School</u>	<u>Course Number</u>	<u>Description</u>	<u>Uva Course #</u>
<b><u>ALABAMA</u></b>			
Auburn	ENGR 2050 (3)	Statics (3)	MAE 2300 (3)
<b><u>ARKANSAS COLLEGES</u></b>			
<b><u>University of Central Arkansas</u></b>			
	Math 1592 (5)	Calculus II	APMA 1110 (4)
	Math 2371 (3)	Calculus III	APMA 2120 (4)
	Math 3320 (3)	Linear Algebra	APMA 3080 (3)
	Math 3331 (3)	Ordinary Differential Equa.	APMA 2130 (4)
	Math 4372 (3)	Statistics	APMA 3120 (3)
<b><u>CALIFORNIA COLLEGES</u></b>			
<b><u>Fullerton College</u></b>			
	Math 250 AF	Multivariable Calculus	APMA 2120 (4)
<b><u>UC Berkeley</u></b>			
	Math 53	Multivariable Calculus	APMA 2120 (4)
<b><u>Orange Coast College</u></b>			

Econ A170 (3)	Microeconomics	ECON 2010 (3)
---------------	----------------	---------------

**Stanford University**

CME 108-01 (3)	Intro to Scientific Computing	CHE 2216 (3)
MSE 249-01 (3)	Economic Growth & Development	ECON 2000T (3)

**COLORADO UNIVERSITIES**

**University of Colorado /Boulder**

CS 1150 (3)	Principles of CS	CS 1110 (3)
EBIO 2070 (3)	Principles of Genetics & Developmental Biology	BIOL 3010 (3)

**Front Range Community College**

PHYS 212 (5)	Physics: Calculus Based II	PHYS 2415 (3)
		PHYS 2419 (3)

**CONNECTICUT COLLEGES**

**Eastern Connecticut  
State University**

Che 210	Gen. Chemistry I	CHEM 1425 (3)
Che 211	Gen. Chemistry II	CHEM 1610 (3)
Che 212	Gen. Chemistry I Lab	CHEM 1429 (1)
Che 213	Gen. Chemistry II Lab	CHEM 1620 (1)
Eco 200 (3)	Prin of Macroeconomics	ECON 3020 (3)
Eco 201 (3)	Prin of Microeconomics	ECON 3010 (3)

Eco 315 (3)	Govt. and Business	ECON 3000T (3)
Eco 329 (3)	Political Economy Labor	ECON 2000T (3)
Eco 510 (3)	Managerial Economics	ECON 3000T (3)

Mat 244 (4)	Calculus II	APMA 1110 (4)
Mat 310 (3)	Applied Linear Algebra	APMA 3080 (3)
Mat 315 (3)	Probability & Statistics	APMA 3110 (3)
Mat 340 (4)	Calculus III (Vector)	APMA 2120 (4)
Mat 341 (3)	Differential Equations	APMA 2130 (4)

**Fairfield University**

PHYS 1502Q (4)	Physics for Engineers II	PHYS 2415 (3)
		PHYS 2419 (1)

**Purchase College**

ECO 1510 (4)	Intro to Microeconomics	ECON 2010 (3)
--------------	-------------------------	---------------

**University of Connecticut**

Math 1132Q (4)	Calculus II	APMA 1110 (4)
Math 2110Q(4)	Multivariable Calculus	APMA 2120 (4)
Math 3160 (4)	Probability	APMA 3100 (3)
Math 3435 (4)	Differential Equations	APMA 2130 (4)

**University of Hartford**

CS 114 (4)	Intro to Computer Prog.	CS 1110 (4)
EC 110 (3)	Macroeconomics	ECON 3020 (3)
EC 211 (3)	Microeconomics	ECON 2010 (3)
M 145 (4)	Calculus II	APMA 1110 (4)
M 220 (3)	Linear Algebra	APMA 3080 (3)
M 242 (3)	Differential Equations	APMA 2130 (3)

## DELAWARE COLLEGES

### Delaware State University

MAT 283 (4)	Multivariate Calculus	APMA 2120 (4)
PHYS 202 (4)	General Physics II (4)	Phys 2415 (3) Phys 2419 (1)

### Stanton Community College

Eco 111 (3)	Macroeconomics	ECON 2020 (3)
Eco 122 (3)	Microeconomics	ECON 2010 (3)
Mat 253 (3)	Discrete Math	APMA 2102 (3)
Mat 282 (4)	Calculus II	APMA 1110 (4)
Mat 283 (4)	Multivariable (Cal. III)	APMA 2120 (4)
Mat 288 (4)	Linear Algebra	APMA 3080 (3)
Mat 291 (4)	Ordinary Diff. Equations	APMA 2130 (3)
Spa 133 (3)	Spanish 101	Spanish 1010 (3)

### University of Delaware

Math 210 (3)	Discrete Math	APMA 2102 (3)
Math 302 (3)	Ordinary Diff. Equations	APMA 2130 (3)

## FLORIDA COLLEGES

### Edison State College

PHY 2049 (4)	General Physics II	PHYS 2415 (3)
PHY 2049L (1)	General Physics II Lab	PHYS 2419 (1)

### Embry-Riddle

CS 223 (3)	Scientific Programming	CS 1110 (3)
------------	------------------------	-------------

**Aeronautical University**

SS 120 (3)	American History	HIUS 2010 (3)
Ma 242 (4)	Calc & Analytical Geo	APMA 1110 (4)
Ps 150 (3)	Physics I for Engineers	PHYS 1425 (3)

**Jacksonville University**

ARH 476 (3)	Art & Architecture of Paris	ARTH 1000T (3)
ART 476 (1-4) var.	Spec. Topics in Art Studio	ARTS 2000T (4)

**Manatee Community  
College-Bradenton**

Phy 2048C (3)	Gen. Physics w/Calc I	PHYS 1425 (3)
Phy 2048L (1)	Gen. Physics w/Calc I Lab	PHYS 1429 (1)
Phy 2049C (3)	Gen. Physics w/Calc II	PHYS 2419 (1)
Phy 2049L (1)	Gen. Physics w/Calc I Lab	PHYS 2419 (1)

**Palm Beach State College**

ECO 2013 (3)	Macroeconomics	ECON 2020 (3)
ACG 2022 (4)	Financial Accounting	COMM 2010 (3)

**University of Florida - Gainesville**

ACG 2021 (4)	Intro to Financial Accounting	COMM 2010 (3)
--------------	-------------------------------	---------------

**GEORGIA COLLEGES****Georgia Institute of**

**Technology**

AE 2120 (3)	Intro to Mechanics (Statics)	CE 2300 (3)
ISYE 3770 (3)	Statistics & Applications	APMA 3110 (3)
MATH 2401 (4)	Calculus III	APMA 2120 (4)
ME 3322 (3)	Thermodynamics	CHE 2202 (3)
PHYS 2212 (3)	Physics II	PHYS 2415 (3)

**Georgia Perimeter  
College - Decatur**

MATH 2633 (3)	Calculus III	APMA 2120 (4)
PHYS 2212 (3)	Principles of Physics II	PHYS 2415 (3)
PHYS 2212L (1)	Physics II Lab	PHYS 2419 (1)

**Georgia State University**

PHYS 2212K (4)	Principles of Physics II Principles of Physics II Lab	PHYS 2415 (3) PHYS 2419 (1)
Math 2215 (4)	Multivariable Calculus	APMA 2120 (4)

**Shorter University**

MAT 4180 (4)	Probability Theory	APMA 3100 (3)
--------------	--------------------	---------------

**Southern Polytechnic  
State University**

ENGR 2214 (3)	Statics	MAE 2300 (3)
ME 3410 (3)	Thermodynamics	MAE 2100 (3)

**IDAHO COLLEGES**

**University of Idaho**

Span 101 (40)

Elementary Spanish I

SPAN 1010 (4)

**ILLINOIS COLLEGES**

**Loyola University of Chicago**

Chem 223 (3)

Organic Chemistry

Chem 2410 (3)

Chem 225 (1)

Organic Chem. Lab

Chem 2421 (1)

**University of Chicago**

Hist 31900 (3)

History of Strategy

STS 2000T (3)

**University of Illinois - Urbana**

Math 241 (4)

Calculus III

APMA 2120 (4)

**Oakton Community Collegbe - Des Plaines**

MAT 252 (4)

Calculus III

APMA 2120 (4)

MAT 260 (3)

Linear Algebra

APMA 3080 (4)

**INDIANA COLLEGES**

**Purdue University**

CINS 221

Software Development

CS 2110 (3)

E 201 (3)

Microeconomics

ECON 2010 (3)

E 202 (3)

Macroeconomics

ECON 2020 (3)

**College of Lake County, Grays Lake IL**

Chemistry 123 (5)

Chemistry II

Chem 1620 (3)

Chem 1621 (3)

## **KANSAS COLLEGES**

### **Johnson County Community College**

Math 254 (4)  
Math 246 (3)

Differential Equations  
Linear Algebra

APMA 2130 (4)  
APMA 3080 (3)

## **LOUISIANA COLLEGES**

### **Louisiana State University**

Chem 2261 (3)  
Math 2057 (3)  
Hist 2057 (3)  
Ital 1001 (4)

Organic Chemistry  
Calculus III  
US: 1865 to Present  
Elementary Italian

Chem 2410 (3)  
APMA 2120 (4)  
HIUS 2020 (4)  
ITAL 1010 (3)

### **Louisiana Tech**

Math 245 (3)

Differential Equations

APMA 2130 (4)

## **MARYLAND COLLEGES**

### **Anne Arundel Community College, Arnold, MD**

Mat 201 (4)  
BPA 211 (3)

Multivariable Calculus  
Principles of Accounting I

APMA 2120 (4)  
COMM 2010 (3)

### **College of Southern Maryland**

Mth 1210 (4)

Calculus II

APMA 1110 (4)



**(La Plata Campus)**

**Howard Community College**

Math 182 (4)	Calculus II	APMA 1110 (4)
Math 220 (3)	Discrete Structures	CS 2102 (3)
Math 240 (4)	Calculus III	APMA 2120 (4)
Math 250 (4)	Linear Algebra	APMA 3080 (4)
Math 260 (3)	Differential Equations	APMA 2130 (4)
Span 101 (4)	Elementary Spanish	SPAN 1020 (3)

**Montgomery College**  
**Rockville, MD**

Ch 101 (4)	Principles of Chemistry Chemistry I Lab	CHEM 1610 (3) CHEM 1611 (1)
Ch102 (4)	Principles of Chem II Chemistry II Lab	CHEM 1620 (3) CHEM 1621 (1)
MA 280 (3)	Multivariable Calculus	APMA 2120 (4)
MA 282 (3)	Differential Equations	APMA 2130 (4)
MA 284 (3)	Linear Algebra	APMA 3080 (3)

**Townson University**

COSC 236 (4)	Intro to Cosc I	CS 1110 (3)
MATH 274 (4)	Calculus II	APMA 1110 (4)
MATH 275 (4)	Calculus III	APMA 2120 (4)
MATH 374 (4)	Ordinary Differential Equations	APMA 2130 (4)

**United States Naval Academy**

SC 111 (4)	Found. Of Chem I	CHEM 1610 (3)
------------	------------------	---------------

## Annapolis - Maryland

SC 112 (4)	Chem I Lab Found. Of Chem II Chem II Lab	CHEM 1611 (1) CHEM 1620 (3) CHEM 1621 (1)
SI 204 (4)	Intro to Comp Sci	CS 1110 (3)
SI 221 (3)	Data Structures	CS 2110 (3)
SI 262 (3)	Discrete Structures	CS 2150 (3)
SI 304 (3)	Programming Lang.	CS 4610 (3)
SI 311 (3)	Advanced Programming	CS 2330 (3)
SI 332 (3)	Intro to Comp Architecture	CS 3330 (3)
SI 411 (3)	Operating Systems	CS 4414 (3)
SI 420 (3)	Artificial Intelligence	CS 4710 (3)
EE 301 (4)	Electrical Fundamentals	ECE 2630 (3)
ECE 302 (4)	Digit Comm and Comp	ECE 2000T (3)
HH 205 (3)	Western Civilization	HIEU 2001 (3)
Sm 121 (4)	Calculus I	APMA 1090 (4)
Sm 122 (4)	Calculus II	APMA 1110 (4)
Sm 162 (5)	Calc with Computers II	APMA 1110 (4)
Sm 221 (4)	Calculus III	APMA 2120 (4)
Sm 223 (4)	Calc III w/Optimization	APMA 2120 (4)
Sm 230 (3)	Probability	APMA 3100 (3)
NE 203 (3)	Ethics & Moral Reason	PHIL 1000T (3)
Sp 211 (4)	General Physics I Physics I Lab	Phys 1425 (3) Phys 1429 (1)
Sp 212 (4)	General Physics II Physics II Lab	Phys 2415 (3) Phys 2419 (1)
FP 130 (3)	US Gov & Constitution	PLAP 101 (3)

FS 301 (3)	Advanced Spanish	SPAN 3000T (3)
FS 304 (3)	Advanced Spanish	SPAN 3000T (3)
FS 412 (3)	Contemporary Latin	SPAN 4710 (3)

**University of Maryland  
Baltimore County**

Math 225 (3)	Ordinary Differential Eq.	APMA 2130 (4)
--------------	---------------------------	---------------

**University of Maryland  
College Park**

Chem 146/147 (4)	Prin. Of General Chemistry Chemistry Lab	CHEM 1610 (3) CHEM 1611 (1)
Chem 237 (4)	Organic Chemistry I Chem Lab I	CHEM 2410 (3) CHEM 2411 (1)
Chem 247 (4)	Organic Chemistry II Chem Lab II	CHEM 2420 (3) CHEM 2421 (1)

CHBE101	Material&Energy Balances	CHE 2215 (3)
---------	--------------------------	--------------

CHBE250	Modeling & Simulation	CHE 2216 (3)
---------	-----------------------	--------------

Econ 200	Prin. Of Micro-Economics	ECON 2010 (4)
----------	--------------------------	---------------

Math 141 (4)	Calculus II	APMA 1110 (4)
Math 241 (4)	Multivariable Calc. III	APMA 2120 (4)
Math 246 (3)	Differential Equations	APMA 2130 (3)
Stat 400 (3)	Intro to Prob Theory	APMA 3100 (3)
ENEE 324 (3)	Eng. Probability	APMA 3100 (3)

Phys 171 (3)	Principles of Physics I	PHYS 1425 (3)
Phys 174 (1)	Physics I Lab	PHYS 1429 (1)

PHYS 142 (4)	Physics II	PHYS 2415 (3)
		PHYS 2419 (1)
PHYS 260 (3)	Physics II	PHYS 2415 (3)

## **MASSACHUSETTS COLLEGES**

### **Boston College**

MA 02101 (3)	Financial Accounting	COMM 2010 (3)
--------------	----------------------	---------------

### **Boston University**

CAS MA 225 (4)	Multivariable Calculus	APMA 2120 (4)
----------------	------------------------	---------------

### **University of Massachusetts**

Math 132 (4)	Calculus II	APMA 1110 (4)
Math 233 (3)	Multivariable Calc.	APMA 2120 (4)
Math 235 (3)	Linear Algebra	APMA 3080 (3)
Math 245 (4)	Differential Equations	APMA 2130 (3)

## **MISSISSIPPI COLLEGES**

### **Mississippi State University**

MA 3253 (3)	Differential Equations	APMA 2130 (4)
PH 2223 (3)	Physics II	PHYS 2415 (3)

## **MISSOURI COLLEGES**

**Missouri University of Science  
and Technology - Rolla MO**

Phy 155 (4)	General Physics II	PHYS 2415 (3)
	General Physics II Lab	PHYS 2419 (1)

**NEW HAMPSHIRE COLLEGES**

**University of New Hampshire  
at Manchester**

Math 527 (4)	Differential Equations	APMA 2130 (4)
--------------	------------------------	---------------

**NEW JERSEY COLLEGES**

**Burlington County College, Pemberton NJ**

BIOL 120 (3)	Biol 120	BIOL 2010 (3)
CHE 117 (3)	Chemistry II	CHEM 1620 (3)
MATH 220 (4)	Calculus III	APMA 2120 (4)

**The College of New Jersey, Ewing Township**

PHY 202	General Physics II	PHYS 2415 (3)
		PHYS 2419 (1)

**County College of Morris**

Mat 131 (4)	Calculus I	APMA 1090 (4)
Mat 132 (4)	Calculus II	APMA 1111 (4)
Mat 230 (4)	Calculus III	APMA 2120 (4)

Mat 232 (3)                      Differential Equations                      APMA 2130 (4)

**Glouster County College**

COM 102                              English Composition II                      ENLT 1000T (3)

HIS 103 (3)                              History of the US I                              HIUS 2001 (3)

HIS 104 (3)                              History of the US II                              HIUS 2002 (3)

Mat 108                                      Calculus I                                      APMA 1090 (4)

Mat 122                                      Calculus II                                      APMA 1110 (4)

Mat 202                                      Differential Equatios                              APMA 2130 (4)

Mat 221                                      Calculus III                                      APMA 2120 (4)

**New Jersey Institute of  
Technology**

Math 146 (4)                              Calculus II                                      APMA 1110 (4)

Math 211 (4)                              Multivariable Calculus                              APMA 2120 (4)

Math 222 (4)                              Differential Equations                              APMA 2130 (4)

Math 327 (3)                              Probability & Statistics                              APMA 3110 (3)

Math 337 (3)                              Linear Algebra                                      APMA 3080 (3)

**Ocean County College**

CHEM 181 (4)                              General Chemistry I                              CHEM 1610 (3)  
CHEM 1611 (1)

**Rutgers University**

Math 136 (4)                              Calculus II                                      APMA 1110 (4)

Math 235 (4)                              Calculus III                                      APMA 2120 (4)

Math 327 (3)                              Prob & Statistics                              APMA 3110 (3)

Math 473 (3)                              Numerial Analysis                              APMA 5070 (3)

Math 640:250 (3)                              Linear Algebra                                      APMA 3080 (3)

Physics 213 (3)                              University Physics I                              PHYS 1425 (3)

Physics 214 (1)                              Physics Lab I                                      PHYS 1429 (1)

**William Paterson University**

Chem 0510 (1)	Organic Chem I	CHEM 2411 (1)
Chem 0520 (1)		CHEM 2421 (1)

**NEW YORK COLLEGES****Fordham University**

MATH 2004 (4)	Calculus III	APMA 2120 (4)
ECON 1200 (3)	Microeconomics	ECON 2010 (3)

**Hofstra University**

Math 72 (4)	Calculus II	APMA 1110 (4)
Math 73 (4)	Calculus III	APMA 2120 (4)
Phys 11A (3)	Gen. Physics I	PHYS 1425 (3)
Phys 11B (1)	Gen. Phys. I Lab	PHYS 1429 (1)
Phys 12A (3)	Gen. Physics II	PHYS 2415 (3)
Phys 12B (1)	Gen Phys II Lab	PHYS 2419 (1)

**Hudson Valley Community College**

Chem 110 (4)	General Chemistry I Chem Lab I	APMA 1425 (3) APMA 1429 (1)
Chem 111 (4)	General Chemistry II Chem Lab II	APMA 2415 (3) APMA 2419 (1)
Chem 210 (4)	Organic Chemistry I Organic Chem Lab I	CHEM 2410(3) CHEM 2411 (1)
Chem 211 (4)	Organic Chemistry II Organic Chem Lab II	CHEM 2420 (3) CHEM 2421 (1)
Math 190 (4)	Calculus II	APMA 1110 (4)
Math 210 (4)	Calculus III	APMA 2120 (4)
Math 220 (4)	Differential Equations	APMA 2130 (4)

**Long Island University at Post**

CHM 4 (4)	Intro Chemistry	CHEM 1620 (3) CHEM 1621 (1)
-----------	-----------------	--------------------------------

**Manhattan College**

Math 104 (3)	Calculus II	APMA 1110 (4)
Math 201 (3)	Calculus III	APMA 2120 (4)
Math 203 (3)	Differential Equations	APMA 2130 (4)
Math 215 (3)	Linear Algebra	APMA 3080 (3)
Math 216 (3)	Discrete Math	APMA 2102 (3)

**Monroe Community College**

Mth 211 (4)	Calculus II	APMA 1110 (4)
Mth 212 (4)	Calculus III	APMA 2120 (4)
Mth 220 (3)	Discrete Math	APMA 2102 (3)
Mth 225 (4)	Differential Equations	APMA 2130 (4)
Mth 230 (4)	Linear Algebra	APMA 3080 (3)
Phy 154 (4)	General Physics I General Phy I Lab	PHYS 1425 (3) PHYS 1429 (1)
Phy 155 (4)	General Physics II General Phy II Lab	PHYS 2415 (3) PHYS 2419 (1)

**New York University**

V59-0010	Intensive Elem. Italian	ITAL 1010 (4)
V59-0020	Intensive Inter. Italian	ITAL 2010 (3)
PHYS-UAR (5)	General Phys II General Phys II Lab	PHYS 2415 (3) PHYS 2419 (1)
Math-UA 233 (4)	Theory of Probability	APMA 3100 (3)

**Nassau Community College**

Mat 122	Calculus I	APMA 1090 (4)
---------	------------	---------------



Mat 123	Calculus II	APMA 1110 (4)
---------	-------------	---------------

**Onondaga Community College**

Mat 263 (4)	Calculus III	APMA 2120 (4)
-------------	--------------	---------------

**Purchase College State University**

Math 1510 (4)	Calculus II	APMA 1110 (4)
Math 1520 (4)	Computer Sci I	CS 1110 (3)
Math 1540 (4)	Computer Sci II	CS 2110 (3)

**Stony Brook University**

MATH 203 (4)	Calculus III	APMA 2120 (4)
AMS 210 (3)	Appl. Linear Algebra	APMA 3080 (3)

**University at Buffalo**

CHM 112 (4)	Intro Chemistry	CHEM 1620 (3)
		CHEM 1621 (1)

**University of Rochester**

Math 142 (4)	Calculus II	APMA 1110 (4)
Math 150 (3)	Discrete Mathematics	APMA 2102 (3)
Math 163 (4)	Differential Equations	APMA 2130 (4)

**NORTH CAROLINA COLLEGES**

**NC State University**

Ch 101 (4)	Chem Molecular Sci I	Chem 1610 (3)
	Chem Molecular Sci Lab	Chem 1611 (1)
Ch 102 (4)	Chem Quantitive Sci II	Chem 1620 (3)
	Chem Molecular Sci Lab	Chem 1621 (1)
Ch 221 (3)	Organic Chemistry I	Chem 2410 (3)
	Organic Chem Lab I	Chem 2411 (1)

CSC 116 (3)	Intro to Comp Sci.	CS 1110 (3)
EC 201 (3)	Microeconomics	ECON 2010 (3)
EC 202 (3)	Macroeconomics	ECON 2020 (3)
MA 241 (4)	Calculus I I	APMA 1110 (4)
MA 242 (4)	Multivariable Calculus	APMA 2120 (4)
Py 205 (4)	Physics Engr. Sci I	Phys 1425 (3)
	Physics Engr Lab I	Phys 1429 (1)
Py 208 (4)	Physics Eng Sci II	Phys 2415 (3)
	Physics Engr Lab II	Phys 2419 (1)

**University of North Carolina  
(Chapel Hill)**

Chem 101 (3)	Gen. Chemistry I	CHEM 1610 (3)
	Gen Chem Lab II	CHEM 1611 (1)
Chem 102 (3)	Gen. Chemistry II	CHEM 1620 (3)
	Gen Chem Lab II	CHEM 1621 (1)
Chem 221 (3)	Organic Chemistry I	CHEM 2410 (3)
Chem 222 (1)	Organic Chem Lab I	CHEM 2411 (1)
Chem 223 (3)	Organic Chemistry II	CHEM 2420 (3)
Chem 224 (1)	Organic Chem Lab II	CHEM 2421 (1)
Chem 431 (3)	Physical Chemistry I	CHEM 3810 (3)
Chem 433 (3)	Physical Chemistry II	CHEM 3820 (3)
MA 241 (4)	Calculus II	APMA 1110 (4)
MA 242 (4)	Multivariable Calculus	APMA 2120 (4)
POLI 100 (3)	Intro to Government	PLAP 1010 (3)

**UNC - Charlotte, NC**

Math 2164 (3)	Linear Algebra	APMA 3080 (3)
Chem 1252 (3)	General Chemistry II	APMA 1620 (3)

## OHIO COLLEGES

### Shawnee State University

Math 2120 (4)	Calculus II	APMA 1110 (4)
Math 2130 (4)	Calculus III	APMA 2120 (4)
Math 2300 (3)	Linear Algebra	APMA 3080 (3)
Math 3100 (3)	Ordinary Diff. Equations	APMA 2130 (4)
Math 3610 (3)	Probability	APMA 3100 (3)

### University of Cincinnati

Math 252 (4)	Calculus II	APMA 1110 (4)
Math 256 (1)	Cal II Lab	
Math 253 (4)	Calculus III	APMA 2120 (4)
Math 257 (1)	Calculus III Lab	
Math 273 (5)	Differential Equations	APMA 2130 (4)

### University of Toledo

Math 2850 (4)	Multivariable Calculus	APMA 2120 (4)
---------------	------------------------	---------------

### Xavier University

Math 171 (4)	Calculus II	APMA 1110 (4)
Math 220 (4)	Calculus III	APMA 2120 (4)
Math 240 (3)	Linear Algebra	APMA 3080 (3)
Math 256 (3)	Probability & Statistics	APMA 3110 (3)

## PENNSYLVANIA COLLEGES

### Bucks County Community College

Phys 122 (4)	Physics II	Phys 2415 (3)
		Phys 2419 (1)

### Community College of Philadelphia

Chem 110 (4)	Chemistry I	Chem 1610 (3)
--------------	-------------	---------------

Chemistry I Lab

Chem 1611 (1)

**Lehigh Carbon Community College**

Mat 195 (3)  
Mat 200 (3)  
Mat 230 (3)

Calc & Analy Geometry II  
Calculus III  
Differential Equations

APMA 1110 (4)  
APMA 2120 (4)  
APMA 2130 (4)

**Penn State University**

PHYS 211 (4)  
Phy 212 (4)  
ME 320 -3  
STS 200 (3)

General Physics I  
General Physics Lab  
General Physics II  
General Physics II Lab  
Fluid Mechanics  
Critical Issues in STS

PHYS 1425 (3)  
PHYS 1429 (1)  
PHY 2415 (3)  
PHY 2419 (1)  
MAE 3210 (3)  
STS 2500 (3)

**University of Pennsylvania - Philadelphia**

CHEM 241 910 (3)  
CHEM 241 920 (3)

Organic Chem I  
Organic Chem II

CHEM 2410 (3)  
CHEM 2420 (3)

**University of Pittsburgh**

Organic Chem Lab I 0330 (1)  
Organic Chem Lab II 0340 (1)

Organ Chem Lab  
Organ Chem Lab

CHEM 2411 (1)  
CHEM 2421 (1)

**West Chester University**

PHYS 0175 (4)  
PHYS 0219 (2)

General Physics II  
General Physics II Lab

Phys 2415 (3)  
Phys 2419 (1)

Chem 103 (3)

Chemistry I

CHEM 1610 (3)

CRL 103 (1)	Chem Lab I	CHEM 1611 (1)
Chem 104 (3)	Chemistry II	CHEM 1620 (3)
CRL 104 (1)	Chem Lab II	CHEM 1621 (1)
Chem 231 (3)	Organic Chemistry	CHEM 2410 (3)
CRL 231 (1)	Organic Chem Lab I	CHEM 2411 (1)
ECO 112 (3)	Microeconomics	ECON 2010 (3)

## **SOUTH CAROLINA COLLEGES**

### **College of Charleston**

CSCI 221 (3)	Software Development Methods	CS 2210 (3)
--------------	------------------------------	-------------

### **University of South Carolina**

Econ 221	Microeconomics	ECON 3010 (3)
Econ 222	Macroeconomics	ECON 3020 (3)
Math 142 (4)	Calculus II	APMA 1110 (4)
Math 241 (3)	Vector Calculus	APMA 2120 (4)
PHY 212 (3)	General Physics II	PHYS 2415 (3)

## **TENNESSEE COLLEGES**

### **East Tennessee State University**

Phys 2120 (4)	Tech Phys II - Calc Based	Phys 2415 (3)
---------------	---------------------------	---------------

Phys 2419 (1)

**Nashville State Community College**

PHYS 2120 (4)

Tech Phys II - Calc Based

PHYS 2415 (3)

PHYS 2419 (1)

**University of Tennessee**

Math 1530

Probability & Statistics

APMA 3110 (3)

**TEXAS COLLEGES**

Math 142 (4)

Calculus II

APMA 1110 (4)

**Rice University**

Math 212 (3)

Multivariable Calculus

APMA 2120 (4)

**Tarrant County College**

ECON 2302 (3)

Microeconomics

ECON 2010 (3)

MATH 2315 (3)

Calculus III

APMA 2120 (4)

**Texas Tech University**

Econ 2302 (3)

Principles of Economics

ECON 2010 (3)

MAE 2100 (3)

Thermodynamics

MAE 2100 (3)

MAE 2301 (3)

Statics

MAE 2300 (3)

Hist. of Span 3351

Imperial Span & Portugal

HIEU 2000T (3)

Math 2415 (4)

Calculus III w/applications

APMA 2120 (4)

**University of Houston**

Math 2433

Calculus III

APMA 2120 (4)

**University of Texas, San Antonio**

MUHL 1308 (3)

Music

MUSI 1000T (3)

ECO 2013 (3)

Macroeconomics

ECON 3020 (3)

ECO 2023 (3)

Microeconomics

ECON 3010 (3)

Math 1223 (4)

Calculus II

APMA 1110 (4)

Phy 1903 (3)

Engr. Physics I

Phys 1425 (3)

Phy 1911 (1)

Engr. Physics Lab I

Phys 1429 (1)

Phy 1923 (3)

Engr. Physics II

Phys 2415 (3)

Phy 1931 (1)

Engr Physics Lab II

Phys 2419 (1)

**UTAH COLLEGES**

**Brigham Young University**

Physics I

PHY 121 (3)

PHYS 1425 (3)

Physics II

PHY 123 (3)

PHYS 2415 (3)

**VIRGINIA COLLEGES**

**Uva Arts & Sciences**

**Engineering**

Math 1310 (4)	Calculus I	APMA 1090 (4)
Math 1320 (4)	Calculus II	APMA 1110 (4)
Math 2310 (4)	Multivariable Calculus	APMA 2120 (4)

**Blue Ridge Community College**

Math 285 (3)	Linear Algebra	APMA 3080 (3)
--------------	----------------	---------------

**Central Virginia  
Community College**

Mth 277 (4)	Multivariable Calculus	APMA 2120 (4)
-------------	------------------------	---------------

CHM 111 (4)	Chemistry for Engineers I Chem I Lab	CHEM 1610 (3) CHEM 1611 (1)
-------------	---	--------------------------------

MTH 277 (4)	Vector Calculus	APMA 2120 (4)
-------------	-----------------	---------------

**Christopher Newport University**

CPSC 231 CPSC 231L	Computer Programming CS Lab	CS 1110 (3)
-----------------------	--------------------------------	-------------

Engr 121 (3)	Intro to Engineering	ENGR 1620 (4)
--------------	----------------------	---------------

Engl 103H Engl 104H	Persuasive Writing Interpretative Writing	STS 1000t (3) STS 1000t (3)
------------------------	--	--------------------------------

Math 140 & 240 (4)	Calc & Anal Geo Intr. Calc	APMA 1110 (4)
--------------------	----------------------------	---------------



Phys 201 (3)	General Physics I	PHYS 1425 (3)
Phys 201L (1)	General Physics I lab	PHYS 1429 (1)
Phys 202 (3)	General Physics II	PHYS 2415 (3)
Phys 202L (1)	General Physics II lab	PHYS 2419 (1)

**College of William & Mary**

CLCV 205 (3)	Greek & Roman Mythology	CLAS 2040 (3)
CSCI 141 (3)	Intro to Computer Science	CS 1110 (3)
CSCI 141L (1)		
Econ 101 (3)	Microeconomics	ECON 2010 (3)
Govt 203 (3)	Comparative Politics	PLCP 1010 (3)
Govt 204 (3)	International Politics	PLIR 1010 (3)
Mat 230 (4)	Calculus III	APMA 2120 (4)
Math 302 (3)	Ordinary Diff. Equations	APMA 2130 (4)
Phil 303 (3)	Ethics	PHIL 3710 (3)
Anth 114 (3)	Society & Politics in Cross-Cultural Perspective	ANTH 2565 (3)

**George Mason University**

BIO 103 (4)	Intro to Biology I	BIOL 2010 (3)
BIO 104 (4)	Intro to Biology II	BIOL 2020 (3)
		BIOL 2030 (3)

		BIOL 2040 (3)
CHEM 211 (4)	College Chemistry I	CHEM 1610 (3)
	Chemistry Lab I	CHEM 1611 (1)
CHEM 315 (2)	Organic Chemistry Lab I	CHEM 2411 (3)
CHEM 318 (2)	Organic Chemistry Lab II	CHEM 2421 (3)
CS 112 (4)	Computer Science I	CS 1110 (3)
CS 211 (3)	Computer Science II	CS 2110 (3)
ECE 280 (5)	Electric Circuit Analysis	ECE 2630 (3)
ECE 201 (3)	Intro to Electrical Engr	ECE 2000T (3)
ECE 333 (3)	Linear Electronics I	ECE 3630 (3)
Econ 103 (3)	Microeconomics	ECON 2010 (3)
Econ 104 (3)	Macroeconomics	ECON 2020 (3)
Econ 306 (3)	Microeconomics	ECON 3010 (3)
Econ 310 (3)	Money & Banking	ECON 3030 (3)
Econ 311 (3)	Macroeconomics	ECON 3020 (3)
Econ 410 (3)	Public Choice	ECON 3330 (3)
Econ 415 (3)	Law and Economics	ECON 4080 (3)
Engr 107 (2)	Intro to Engineering	ENGR 1620 (4)
Engr 210 (3)	Statics	MAE 2300 (3)
Math 114 (4)	Calc w/Analytical Geometry	APMA 1110 (4)
Math 116 (4)	Calc 2/Analytical Geometry	APMA1110 (4)
Math 125 (3)	Discrete Mathematics	APMA 2102 (3)
Math 203 (3)	Linear Algebra	APMA 3080 (3)
Math 213 (3)	Analy Geo and Calculus	APMA 2120 (4)
Math 214 (3)	Differential Equations	APMA 2130 (4)
Math 215 (3)	Vector Calculus (Multi)	APMA 2120 (4)
Math 351 (3)	Probability	APMA 3100 (3)

Math 478 (3) Stat 344 (3)	Intro to Part. Diff. Equations Probability/Stat for Engr.	APMA 3140 (3) APMA 3110 (3)
Phy 160 (3) Phy 161 (1) Phy 260 (3) Phy 261 (1)	University Physics I Lab I University Physics II Lab II1	PHYS 1425 (3) PHYS 1429 (1) PHYS 2415 (3) PHYS 2419 (1)
Psyc 100 (3)	Basic Concepts Psych	PSYC 1010 (3)
SYST 101 (3) SYST 210 (3) SYST 220 (3) SYST 221 (1) SYST 470 (3)	Systems Engr Concepts Systems Design Dynamical Systems I Systems Modeling Lab Human Machine Interface	SYS 2001 (3) SYS 2000T (3) SYS 2000T (4)  SYS 3023 (3)

**J. Sargeant Reynolds  
Community College**

ACC 211 (3)	Financial Accounting	COMM 2010 (3)
CHM 111 (4)	College Chemistry I	CHEM 1610 (3) CHEM 1611 (1)
CHM 112 (4)	College Chemistry II	CHEM 1620 (3) CHEM 1621 (1)
CSC 201 (4)	Computer Science I	CS 1110 (3)
ECO 201 (3) ECO 202 (3)	Macro Economics Micro Economics	ECON 2020 (3) ECON 2010 (3)
EGR 115 (2), 123 (2) 124 (3)	Intro to Engr.	Engr. 1620 (4)

EGR 140 (3)	Statics	MAE 2300 (3)
EGR 246 (3)	Mechanics of Materials	MAE 2310 (3)
ENG 111 (3)	College Composition I	STS 1000T (3)
ENG 112 (3)	College Composition II	STS 1000T (3)
HIS 121 (3)	US History	HIUS 2001 (3)
Math 173 (5)	Single Variable Calculus	APMA 1090 (4)
Math 174 (5)	Calculus II	APMA 1110 (4)
Math 277 (4)	Multivariable Calculus	APMA 2120 (4)
Math 279 (4)	Ordinary Diff. Equations	APMA 2130 (4)
PHI 101 (3)	Intro to Philosophy I	PHIL 1000 (3)
PHY 241 (4)	University Physics I	PHYS 1425 (3)
		PHYS 1429 (1)
PHY 242 (4)	University Physics II	PHYS 2415 (3)
		PHYS 2419 (3)

**James Madison University**

Biol 114 (4)	Organisms	BIOL 2000T (3)
Biol 214 (4)	Cell and Molecular Biology	BIOL 3000T (3)
ISAT 480-6004 (3)	Water Management Strategies	CE 3100 (3)
SWA 101 (3)	Elementary Swahili	SWAH 1010 (3)
ISAT 480-6001 (3)	Kenya Care Course	HIST 1000T
Math 236 (4)	Calculus II	APMA 1110 (4)

**John Tyler Community College**

MTH 279 (4)	Ordinary Diff. Equations	APMA 2130 (4)
-------------	--------------------------	---------------

**Lord Fairfax Community College**

Mth 277 (4)	Vector Calculus	APMA 2120 (4)
-------------	-----------------	---------------

Phy 232 (5)	Physics II	PHYS 2415 (3) PHYS 2419 (3)
-------------	------------	--------------------------------

**Northern Virginia Community College**

ACC 211 (3)	Prin. Of Accounting I	COMM 2010 (3)
ACC 212 (3)	Prin. Of Accounting II	COMM 2020 (3)
BUS 100 (3)	Intro. to Business	COMM 1800 (3)

ART 101 (3)	Hist. & Appr. Of Art I	ARTS 1000T (3)
ART 121 (4)	Drawing I	ARTS 1610 (3)

BIO 101 (4)	Intro to Biology I	BIOL 2010 (3)
BIO 102 (4)	Intro to Biology II	BIOL 2020 (3)

CHM 111 (4)	College Chemistry I	CHEM 1610 (3) CHEM 1611 (1)
-------------	---------------------	--------------------------------

CHM 112 (4)	College Chemistry II	CHEM 1620 (3) CHEM 1621 (1)
-------------	----------------------	--------------------------------

CHM 241 (3)	Organic Chemistry I	CHEM 2410 (3)
CHM 242 (3)	Organic Chemistry II	CHEM 2420 (3)
CHM 245 (2)	Organic Chem I Lab	CHEM 2411 (2)
CHM 246 (2)	Organic Chem II Lab	CHEM 2421 (2)

CSC 201 (4)	Computer Science I	CS 1110 (3)
CSC 202 (4)	Computer Science II	CS 2110 (4)

CSC 206 (3) CSC 205	Assembly Language Programming & Data Rep	CS 2000T (3) CS 2330 (3)
ECO 201 (3) ECO 202 (3)	Prin. Of Macroeconomics Prin. Of Microeconomics	ECON 2020 (3) ECON 2010 (3)
EGR 120 (2) EGR 240 (3) EGR 245 (3) EGR 246 (3) EGR 248 (3) EGR 251 (3) EGR 255 (1) EGR 265	Intro to Engineering Statics Dynamics Mechanics of Materials Thermodynamics Basic Elec. Circuits I  Digital Logical Design	ENGR 1620 (4) CE 2305 (4) MAE 2320 (3) MAE 2310 (3) MAE 2100 (3) ECE 2630  ECE 2330 (3)
SPD 100 (3) ENG 111 (3) ENG 112 (3)	Public Speaking College Composition I College Composition II	ENSP 1600 (3) STS 1000T (3) STS 1000T (3)
Ger 201 (3)	Intermediate German I	GERM 2010 (3)
HIS 101 (3) HIS 121 (3) HIS 122 (3)	Hist. of West Civilization I US History I US History II	HIEU 2001 (3) HIUS 2001 (4) HIUS 2002 (4)
ITA 103 (3)	Basic Spoken Italian	ITAL 1010 (3)
MTH 173 (5) MTH 174 (5) MTH 242 (3)	Cal. w/Analytical Geom I Cal. w/Analytical Geom II Statistics II	APMA 1090 (4) APMA 1110 (4) STAT 2120 (3)

MTH 243 (3)	Probability & Stat. I	APMA 3100 (3)
MTH 244 (3)	Probability & Stat. II	APMA 3120 (3)
MTH 277 (4)	Multivariable Calculus	APMA 2120 (4)
MTH 285 (3)	Linear Algebra	APMA 3080 (3)
MTH 286 (4)	Discrete Math	CS 2102 (3)
MTH 291 (3)	Differential Equations	APMA 2130 (4)
MUS 111 (4)	Music Theory I	MUSI 3310 (3)
MUS 112 (4)	Music Theory II	MUSI 3320 (3)
PHI 101 (3)	Intro to Philosophy	PHIL 1000 (3)
PHI 227 (3)	Bio-Medical Ethics	PHIL 2720 (3)
PHYS 231 (5)	University Physics I	PHYS 1425 (3)
		PHYS 1429 (1)
PHSY 232 (5)	University Physics II	PHYS 2415 (3)
		PHYS 2419 (1)
PSY 201 (3)	Intro to Psychology	PSYC 1010 (3)
PSY 202 (3)	Intro to Psychology II	PSYC 2000T (3)
REL 246 (3)	Christianity	RELC 1220 (3)
SPA 101 (3)	Beginning Spanish I	SPAN 1010 (3)
SPA 201 (3)	Intermediate Spanish	SPAN 2010 (3)
Chem 115N (4)	Chemistry I	CHEM 1610 (3)
	Chem Lab I	CHEM 1611 (1)
Chem 116N (4)	Chemistry II	CHEM 1620 (3)
	Chem Lab II	CHEM 1621 (1)

**Old Dominion University**

Chem 211 (3)	Organic Chemistry I	CHEM 2410 (3)
Chem 212 (2)	Organic Chemistry Lab	CHEM 2411 (2)
Chem 213 (3)	Organic Chemistry II	CHEM 2420 (3)
Chem 242 (3)	Organic Chemistry II	CHEM 2420 (3)
Chem 246 (1)	Organic Chem II Lab	CHEM 2421 (1)
Chem 321 (3)	Analytical Chemistry	CHEM 3000T (3)
Chem 351 (3)	Inorganic Chemistry	CHEM 4320 (3)
Cet 200	Statics	CE 2300 (3)
Cet 220	Strengths of Materials	CE 2310 (3)
ECE 201/287 (5)	Circuit Analysis	ECE 2630 (3)
ECE 202 (3)	Signals and Systems	ECE 3750 (3)
Hist 102 (3)	European History	HIEU 2001 (3)
Hist 104 (3)	US Hist in a World Setting	HIUS 2001 (3)
Math 212 (4)	Calculus II	APMA 1110 (4)
Math 312 (4)	Multivariable Calculus	APMA 2120 (4)
Math 307 (3)	Ordinary Differential Equa.	APMA 2130 (4)
Math 316 (3)	Intro Linear Algebra	APMA 3080 (3)
Math 401 (3)	Partial Diff Equations	APMA 3140 (3)
ME 303 (3)	Mechanics of Fluids	MAE 3210 (3)
ME 315 (3)	Heat & Mass Transfer	MAE 3140 (3)
Phys 231N (4)	University Physics I Lab I	PHYS 1425 (3) PHYS 1429 (1)
Phys 232N (4)	University Physics II Lab II	PHYS 2415 (3) PHYS 2419 (1)



**Piedmont Virginia  
Community College**

Acc 211 (3)	Principals of Acct. I	COMM 2010 (3)
Acc 212 (3)	Principals of Acct. II	COMM 2020 (3)
Bio 101 (4)	General Biology	BIOL 2010 (3)
CHEM 111 (4)	College Chemistry I	CHEM 1610 (3)
	College Chemistry II	CHEM 1611 (1)
		CHEM 1620 (3)
		CHEM 1621 (1)
CSC 201 (4)	Computer Science I	CS 1110 (3)
CSC 202 (4)	Computer Science II	CS 2110 (3)
CSC 205 (4)	Digital Logic Design	CS 2000T(3)
CSC 206 (4)	Assembly Language	CS 2000T(3)
Econ 201 (3)	Macroeconomics	ECON 2020 (3)
Econ 202 (3)	Microeconomics	ECON 2010 (3)
Engr 110-120	Intro to Engineering	ENGR 1620 (4)
Egr 240 (3)	Statics	CE 2300 (3)
Engl 111 (3)	College Composition	STS 1000T (3)
Engl 112 (3)	College Composition II	STS 1000T (3)
Fre 101 (4)	Beginning French	FREN 101 (3)
Math 174 (5)	Calc w/Analy Geo II	APMA 1110 (4)
Math 240 (will not trans	Statistics	APMA 1120 (3)
Math 275	Multivariable Calculus	APMA 2120 (4)
Math 279 (4)	Ordinary Diff. Equations	APMA 2130 (4)
Math 285 (3)	Linear Algebra	APMA 3080 (3)
PHI 220 (3)	Ethics	PHIL 1000 (3)

Phys 241 (5)	University Physics I	PHYS 1425 (3) PHYS 1429 (1)
Phys 252 (5)	University Physics II	PHYS 2415 (3) PHYS 2419 (1)
SPA 101 (3) SPA 202 (3)	Beginning Spanish I Intermediate Spanish II	SPAN 1010 (3) SPAN 2010 (3)

**Randolph-Macon College**

Biol 104 (4) HLT 138 (2)	General Biology Principles of Nutrition	BIOL 2010 (3) BIOL 1060 (3)
CSCI 111 (4)	Intro. To Computer Sci.	CS 1110 (3)
Math 141 (4) Math 142 (4)	Calc. with Mathematica I Calc. with Mathematica II	APMA 1090 (4) APMA 1110 (4)

**Richard Bland College**

Psyc 201 (3) Psyc 202 (3)	General Psychology General Psychology	PSYC 1010 (3) PSYC 100T (3)
Soc 201 (3) Soc 204 (3)	General Sociology Social Problems	SOC 1010 (3) SOC 2220 (3)

**Thomas Nelson  
Community College**

CHM 112 (4)	College Chemistry II	CHEM 1620 (3) CHEM 1611 (1)
-------------	----------------------	--------------------------------

PHY 241 (4)	General Physics I	PHYS 1425 (3)
	General Physics Workshop	PHYS 1429 (1)
PHY 242 (4)	General Physics II	PHYS 2415 (3)
	General Physics II Workshop	PHYS 2419 (1)

**Tidewater Community College**

CHEM 111 (4)	College Chemistry I	CHEM 1610 (3)
		CHEM 1611 (1)
CHEM 112 (4)	College Chemistry II	CHEM 1620 (3)
		CHEM 1621 (1)
CSC 201 (3)	Intro to Computing	CS 1110 (3)
ECO 201(3)	Macroeconomics	ECON 2020 (3)
ECO 202 (3)	Microeconomics	ECON 2010 (3)
EGR 270 (3)	Digital Logic Design	ECE 2330 (3)
MTH 174 (4)	Calculus II	APMA 1110 (4)
MTH 277 (4)	Multivariable Calculus	APMA 2120 (4)
MTH 279 (4)	Ordinary Diff. Equations	APMA 2130 (4)
PHY 241 (4)	University Physics I	PHYS 1425 (3)
		PHYS 1429 (1)
PHY 242 (4)	University Physics II	PHYS 2415 (3)
	Physics II Lab	PHYS 2419 (1)

**Virginia Commonwealth University**

Chem 101 (3)	General Chemistry I	CHEM 1610 (3)
Chez 101L (1)	Gen. Chemistry Lab I	CHEM 1611 (1)
Chem 102 (3)	General Chemistry II	CHEM 1620 (3)
Chez 102L (1)	Gen. Chemistry Lab II	CHEM 1621 (1)
Chez 301 (2)	Organic Chemistry Lab I	
Engl 101 (3)	Writing & Rhetoric Work I	STS 1000T (3)
Engl 200 (3)	Writing & Rhetoric Work II	STS 1000T (3)
Engr 101 (3)	Intro to Engineering	ENGR 1620 (40)
Engr 102 (3)	Statics	MAE 2300 (3)
Math 201 (4)	Calculus w/Analy Geometry	APMA 1110 (4)
Math 301 (3)	Differential Equations	APMA 2130 (4)
Math 307 (4)	Multivariable Calculus	APMA 2120 (4)
Math 309 (3)	Probability	APMA 3100 (3)
Math 310 (3)	Linear Algebra	APMA 3080 (3)
Phil 222 (3)	Symbolic Logic	PHIL 2420 (3)
Phys 207 (5)	University Physics I	PHYS 1425 (3)
		PHYS 1429 (1)
Phys 208 (5)	University Physics II	PHYS 2415 (3)
		PHYS 2419 (1)
STAT 314 (4)	Applications of Statistics	APMA 3120 (3)
PHY 232 (5)	General Physics II	PHYS 2415 (3)
	General Physics II Lab	PHYS 2419 (1)

**Virginia Highlands Community College**

### Virginia Military Institute

EC 201 (3)	Prin. Of Microeconomics	ECON 2010 (3)
EC 202 (3)	Prin. Of Macroeconomics	ECON 2020 (3)

### Virginia Polytechnic Institute & State University

CHEM 2536 (3)	Organic Chemistry	CHEM 2420 (3)
CHEM 2546 (1)	Organic Chemistry Lab	CHEM 2421 (3)

### Virginia State University

MATH 30121 (3)	Multivariable Calculus	APMA 2120 (4)
PHY 231(5)	General Physics I	PHYS 1425 (3)
		PHYS 1429 (1)
PHY 232 (5)	General Physics II	PHYS 2415 (3)
		PHYS 2419 (1)

### Virginia Tech

Chem 1035 (3)	General Chemistry	CHEM 1610 (3)
Chem 1036 (3)	General Chemistry II	CHEM 1620 (3)
Chem 1045 (1)	General Chemistry Lab	CHEM 1611 (1)
Chem 1046 (1)	General Chemistry Lab	CHEM 1631 (1)
Chem 1074 (3)	Chem for Engineers	CHEM 1610 (3)
Chem 1084 (1)	Chem Lab	CHEM 1611 (1)
Chem 2535 (3)	Organic Chemistry	CHEM 2420 (3)
Chem 2545 (1)	Organic Chem Lab	CHEM 2421 (1)
ECE 3504 (3)	Digital Logic Design	ECE 2330 (3)
ECE 2704 (3)	Signals & Systems	ECE 3750 (3)

Engl 1105 (3)	Freshman English	STS 1000T (3)
BLST 1714 (3)	Intro to Black Studies	AAS 1010 (3)
PHYS 2305 (4)	Foundations of Physics I Physics Lab I	PHYS 1425 (3) PHYS 1429 (1)
PHYS 2306 (4)	Foundations of Physics II Physics Lab II	PHYS 2415 (3) PHYS 2419 (1)
CS 5114 (3)	Algorithms	CS 4102 (3)

## Washington DC Colleges

### Catholic University

EGR 140-V1 (3)	Statics	MAE 2300 (3)
ENGR 331 (3)	Fluid Mechanics	CE 2210 (3)

## WEST VIRGINIA COLLEGES

### West Virginia University

Chem 233 (3)	Organic Chemistry	CHEM 2410 (3)
Chem 235 (1)	Organic Chemistry Lab	CHEM 2411 (1)
Econ 201 (3)	Microeconomics	ECON 3010 (3)
Econ 202 (3)	Macroeconomics	ECON 3020 (3)

Math 156 (4)  
Math 170 (3)  
Math 251 (4)  
Math 261 (4)

Phys 111 (4)

Phys 112 (4)

Calculus II  
Discrete Mathematics  
Multivariable Calculus  
Differential Equations

General Physics I  
Gen Phys Lab I  
General Physics II  
Gen Phys Lab II

APMA 1110 (4)  
APMA 2102 (3)  
APMA 2120 (4)  
APMA 2130 (4)

Phys 1425 (3)

Phys 1429 (1)

Phys 2415 (3)

Phys 2419 (1)

## **WISCONSIN COLLEGES**

**University of Wisconsin**

Math 233 (4)

Calculus & Analytic Geom

APMA 2120 (4)