

# ARTICULATION GUIDE

## Bluefield State College

Any course may be petitioned to the appropriate division for credit.

COURSES		CREDIT HOURS	CONCORD EQUIVLENT
<b>ACCT 201</b>	Principles of Accounting I	3	ACCT 201
ACCT 202	Principles of Accounting II	3	ACCT 207
ACCT 225	Business Law for Professional Accountants	3	BGEN 302
ACCT 301	Intermediate Accounting I	4	ACCT 305
ACCT 302	Intermediate Accounting II	4	ACCT 306
ACCT 305	Managerial Accounting	3	ACCT 322
ACCT 306	Cost Accounting	3	ACCT 322
ACCT 325	Taxation for Personal and Business Decision Making	3	Elective
ACCT 350	Advanced Taxation	4	ACCT 312
ACCT 424	Accounting Information Systems	3	ACCT 415
ACCT 430	Advanced Accounting	3	ACCT 405
ACCT 431	Auditing Principles	3	Elective
ACCT 432	Advanced Auditing	3	ACCT 401
ACCT 440	Partnership, Governmental and Not-for-Profit Accounting	3	ACCT 315
ACCT 490	Topics in Accounting	3	ACCT 470
<b>ARET</b>	<b>Architectural Engineering Technology--All Electives</b>		
<b>ART 101</b>	Introduction to Visual Arts	3	ART 101A
ART 105	Creative Expression	2	ART 102
ART 205	Art History	3	Elective
ART 208	Twentieth Century Art	3	Elective
ART 220	Drawing	3	ART 103
ART 290	Topics in Arts	3	ART 415
ART 307	Photography	3	Elective
ART 310	Painting	3	Elective
ART 315	Computer Art	3	ART 160
ART 490	Topic in Art	1-3	ART 415
ART 495	Special Topics in Art	1-6	ART 415
<b>ARSC 431</b>	Methods of Teaching in Arts and Sciences	3	Elective
<b>BIOL 099</b>	Introduction to Biology	3	Developmental
BIOL 101	General Biology I	3	BIOL 101
BIOL 102	General Biology II	3	BIOL 102
BIOL 103	General Biology I Laboratory	1	BIOL 101L

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BIOL 104	General Biology II Laboratory	1	BIOL 102L
BIOL 105	Introduction to Anatomy & Physiology	3	Elective
BIOL 106	Introduction to Anatomy and Physiology Laboratory	1	Elective
BIOL 110	Functional Anatomy	2	Elective
BIOL 201	Human Anatomy & Physiology	3	BIOL 234
BIOL 202	Microbiology	3	Elective-petition department for credit
BIOL 203	Human Anatomy & Physiology Laboratory	1	BIOL 234L
BIOL 204	Microbiology Laboratory	1	Elective-petition department for credit
BIOL 290	Topics in Biology	1-4	Elective
BIOL 300	Ecology	3	Elective-petition department for credit
BIOL 301	Introduction to Genetics	3	Elective
BIOL 303	Animal Kingdom	4	BIOL 202
BIOL 304	Plant Kingdom	4	BIOL 301
BIOL 305	Plant Physiology	3	Elective
BIOL 310	Nutrition	3	Elective
BIOL 400	Pharmacology	3	Elective
BIOL 401	Pathogenic Microbiology	4	Elective
BIOL 410	Cell Biology	4	BIOL 302
BIOL 490	Topics in Biology	1-4	Elective
<b>BUSN 130</b>	Microsoft Word & Internet	3	Elective
BUSN 140	Microsoft Excel & Acces	3	Elective
BUSN 210	Business Law and Legal Environment	3	BGEN 301
BUSN 230	Desktop Publishing/Presentations	3	Elective
BUSN 232	Business and Electronic Communications	3	BEOA 220
BUSN 240	Intermediate Microsoft Excel	3	Elective
BUSN 250	Quantitative Techniques in Business	3	Elective
BUSN 310	Applied Business Statistics	3	BGEN 202
BUSN 350	Financial Management	3	FIN 311
BUSN 380	Production/Operations Management	3	Elective
BUSN 402	Financial Planning and Analysis	3	Elective
BUSN 482	Business Ethics and Social Responsibility	3	BGEN 430
BUSN 490	Topics in Business	1-3	BGEN 450
BUSN 494	Business Policy and Strategy	3	MGT 460
BUSN 499	Independent Studies in Business	1-3 per semester	BGEN 450
<b>CHEM 099</b>	Basic Chemistry	3	Developmental
CHEM 100	Introduction to Chemistry	4	Elective

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CHEM 101	General Chemistry II	3	CHEM 101
CHEM 102	General Chemistry II	3	CHEM 102
CHEM 103	General Chemistry I Laboratory	1	CHEM 107
CHEM 104	General Chemistry II Laboratory	1	CHEM 107
CHEM 201	Analytical Chemistry I	4	CHEM 351
CHEM 202	Analytical Chemistry II	4	Elective
CHEM 290	Topics in Chemistry	3	Elective
CHEM 301	Organic Chemistry I	4	CHEM 331
CHEM 302	Organic Chemistry II	4	CHEM 332
CHEM 401	Physical Chemistry I	4	CHEM 401
CHEM 402	Physical Chemistry II	4	CHEM 402
CHEM 410	Instrumental Analysis	3	CHEM 352
CHEM 420	Inorganic Chemistry	3	CHEM 413
CHEM 430	Biochemistry	3	CHEM 341
CHEM 490	Topics in Chemistry	1-4 per semester	Elective
<b>CIET</b>	<b>Civil Engineering Technology--All Electives</b>		
<b>COMM</b>	<b>Communications--All Electives</b>		
<b>COSC 102</b>	Computers and Society	3	Elective
COSC 111	Introduction to Computer Science	3	Elective
COSC 120	Introduction to Networking	4	Elective
COSC 121	Introduction to Network Routing	4	Elective
COSC 201	PC Software Applications	3	Elective
COSC 202	COBOL	3	MATH 212
COSC 209	Java	3	Elective
COSC 210	VISUAL BASIC	3	MATH 201
COSC 216	Application Programming	3	Elective
COSC 218	Advanced Router Configurations	4	Elective
COSC 221	WAN Theory and Design	4	Elective
COSC 224	Web Programming	3	Elective
COSC 225	Computer Operations	3	Elective
COSC 230	Structured Programming	3	Elective
COSC 231	Object oriented Programming	3	Elective
COSC 240	Computer Organization and Architecture	3	Elective
COSC 241	Introduction to Linux/UNIX	3	Elective
COSC 290	Topics in Computer Science	3	MATH 420

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COSC 311	Systems Analysis	3	Elective
COSC 320	Data Structures	3	MATH 355
COSC 324	Advanced Web Programming	3	Elective
COSC 330	Programming Languages	3	MATH 362
COSC 340	Database Management Systems	3	MATH 356
COSC 360	Structured C++Programming	3	MATH 240
COSC 403	Windows Application Programming	3	Elective
COSC 411	Scalable Internetworks	4	Elective
COSC 412	WANs and Remote Connections	4	Elective
COSC 421	Operating Systems	3	MATH 361
COSC 422	Software Engineering	3	MATH 410
COSC 444	Computer Networking/Communications	3	Elective
COSC 481	Multilayer Switched Networks	4	Elective
COSC 482	Troubleshooting Networks	4	Elective
COSC 488	Introduction to Computer and Information Security	3	Elective
COSC 490	Topics in Computer Science (3 hours credit per semester)	3	MATH 420
COSC 499	Projects in COSC	4	Elective
<b>CRMJ</b>	<b>Criminal Justice--All Electives Except 208 (listed below)</b>		
CRMJ 208	Criminology	3	SOC 303
<b>ECON 211</b>	Principles of Economics I (Macroeconomics)	3	ECON 201
ECON 212	Principles of Economics II (Microeconomics)	3	ECON 202
ECON 250	Individual and Family Financial Management	3	Elective
<b>EDUC 100</b>	Basic Skills Development	3	Elective
EDUC 110	Foundations of Education	2	EDUC 210
EDUC 160	Diversity and Education	1	Elective
EDUC 200	Child/Adolescent Growth and Development	3	Elective
EDUC 290	Special Topics in Education	1-3	Elective
EDUC 320	Sex Roles and Equal Opportunity	3	Elective
EDUC 321	Instruction and Technology	2	EDUC 301
EDUC 322	Standards, Planning and Assessment	2	Elective
EDUC 330	Teaching and Learning	3	EDUC 305
EDUC 410	Early Education Methods	2	Elective
EDUC 420	Middle Education Methods	2	Elective
EDUC 450	Classroom Management	2	Elective
EDUC 475	Student Teaching	6	CAPSTONE Elective

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EDUC 485	Student Teaching Laboratory	3	CAPSTONE Elective
EDUC 490	Topics in Education	3	Elective
<b>ELET</b>	<b>Electrical Engineering Technology--All Electives</b>		
<b>ENGR</b>	<b>Engineering--All Electives</b>		
<b>ENGL 097</b>	Basic Grammar	3	ENGL 090
ENGL 098	Developmental Reading	3	ENGL 090
ENGL 099	Developmental English	3	ENGL 090
ENGL 101	Composition I	3	ENGL 101
ENGL 102	Composition II	3	ENGL 102
ENGL 103	Technical Writing	3	ENGL 102
ENGL 201	The Humanistic Tradition	3	ENGL 203
ENGL 205	The Modern Tradition	3	ENGL 204
ENGL 235	Applied Studies in Language Arts	1-3	JOUR 210
ENGL 290	Topics in English	3	Elective
ENGL 291	Topics in Writing	3	ENGL 260
ENGL 300	Major American Authors	3	ENGL 328
ENGL 301	Grammar for Teachers	3	ENGL 300
ENGL 302	Major British Authors	3	ENGL 324
ENGL 304	Approaches to Literature	3	ENGL 205
ENGL 305	Prose Fiction	3	Elective
ENGL 307	Regional and Ethnic Literature	3	English Mini-Courses
ENGL 308	Linguistics	3	ENGL 302
ENGL 310	Children's Literature	3	ENGL 329
ENGL 320	Adolescent Literature	3	ENGL 330
ENGL 322	The Teaching of Composition	3	ENGL 308
ENGL 390	Topics in Literature	3	Elective
ENGL 490	Advanced Topics in Literature	3	Elective
ENGL 495	Special Topics in English	1-3	Elective
<b>FREN 101</b>	Elementary French I	3	FREN 101
FREN 102	Elementary French II	3	FREN 102
<b>GNER 100</b>	Life Management Skills	3	Elective

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<b>GNET</b>	<b>General Engineering Technology--All Electives</b>		
<b>GEOG 150</b>	Introduction to Geography	3	GEOG 101
GEOG 290	Topics in Geography	3	Elective
GEOG 301	World Geography	3	GEOG 101
GEOG 302	Geography of Anglo-America	3	GEOG 250
GEOG 304	Physical Geography	3	GEOG 200
GEOG 402	Urban Geography	3	GEOG 410
GEOG 490	Topics in Geography	3	Elective
<b>HLTH 101</b>	Health Science and College Life	3	Elective
HLTH 201	Safety and First Aid	2	S ED 204(Need Am Red Cross)
HLTH 300	Promoting Wellness Through Alternative Therapies	3	Elective
HLTH 310	Health Promotion and Protection	3	Elective
HLTH 333	Health and Safety in Schools	2	S ED 216
HLTH 490	Topics in Health	3	Elective
<b>HIST 101</b>	World Civilization I	3	HIST 101
HIST 102	World Civilization II	3	HIST 102
HIST 105	American History I	3	HIST 203
HIST 106	American History II	3	HIST 204
HIST 290	Topics In History	3	Elective
HIST 300	African-American History I	3	Elective
HIST 301	African-American History II	3	Elective
HIST 302	History, Geography, and Government of West Virginia	3	HIST 307
HIST 305	Early Modern European History	3	Elective
HIST 306	Modern European History	3	HIST 321
HIST 307	British History	3	HIST 314
HIST 308	American Colonial History	3	HIST 305
HIST 400	Recent American History	3	HIST 310
HIST 401	Diplomatic History of United States	3	HIST 329
HIST 403	History of the Far East	3	Elective
HIST 408	History of Latin American Civilization: 1492-1981	3	Elective
HIST 490	Topics in History	3	HIST 450
HIST 495	Special Topics in History	1-3	HIST 450
HIST 497	Research Methods in History	3	GAPSTONE Elective

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<b>HONR 300</b>	Academic Honors Seminar	1	Elective
<b>HUMN 150</b>	Introduction to Fine Arts	3	ART 101A or MUS 101A
HUMN 222	Philosophy	3	PHIL 101
HUMN 303	Comparative Religions	3	Elective
HUMN 332	Regional Cultures	3	Elective
HUMN 333	Fine Arts Methods for K-6 Teachers	2	Elective
HUMN 490	Topics in Humanities	3	Elective
HUMN 499	Projects in Humanities	1-3	Elective
<b>JOUR 325</b>	News Writing and Editing	3	JOUR 220
JOUR 424	Advanced News Writing and Editing	2	JOUR 221
<b>MGMT 210</b>	Principles of Management	3	MGT 305
MGMT 226	Human Resources	3	MGT 308
MGMT 230	Organizational Behavior	3	MGT 309
MGMT 244	Small Business Management	3	Elective
MGMT 375	International Management	3	BGEN 440
MGMT 482	Collective Bargaining and Labor Relations	3	MGT 308
MGMT 488	Current Issues in Management: Topical Coverage	3	MGT 310
<b>MRKT 210</b>	Principles of Marketing	3	MKT 305
MRKT 331	Retailing	3	MKT 322
MRKT 352	Integrated Marketing Communication	3	Elective
MRKT 372	Selling/Sales Management	3	MKT 320
MRKT 381	Consumer Behavior	3	MKT 306
MRKT 442	Marketing Research	3	MKT 440
MRKT 450	Marketing Management	3	MKT 445
MRKT 490	Topics in Marketing	1-3	Elective
MRKT 498	Marketing Internship	3	Elective
<b>MATH 098</b>	Developmental Arithmetic	3	MATH 090
MATH 099	Developmental Algebra	3	MATH 091
MATH 101	General Mathematics	3	MATH 101
MATH 106	Mathematics for Early/Middle Grade Teachers	3	MATH 110
MATH 109	Algebra	3	MATH 103
MATH 110	Trigonometry	3	MATH 104

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MATH 210	Elementary Statistics	3	MATH 105
MATH 211	Informal Geometry	3	MATH 200
MATH 220	Calculus I	4	MATH 250
MATH 230	Calculus II	4	MATH 251
MATH 240	Calculus III	4	MATH 252
MATH 250	Discrete Mathematics	3	MATH 220
MATH 290	Topics in Mathematics	1-4	MATH 420
MATH 301	Probability and Statistics	3	MATH 303
MATH 310	Differential Equations	3	Elective
MATH 311	Linear Algebra	3	MATH 320
MATH 320	Modern Geometry	3	MATH 309
MATH 333	Math Methods for K-6 Teachers	3	Elective
MATH 350	Modern Algebra	3	MATH 310
MATH 400	Introduction to Topology	3	Elective
MATH 415	Multivariable Calculus	3	Elective
MATH 490	Topics in Mathematics	1-4	Elective
<b>MEET</b>	<b>Mechanical Engineering Technology--All Electives</b>		
<b>MIET</b>	<b>Mining Engineering Technology--All Electives</b>		
<b>MUSC 103-104</b>	Class Piano	1	Elective
MUSC 109-110	Theory I and II	3	Elective
MUSC 130	Music Skills for Classroom Teachers	2	MUS 204
MUSC 150	Introduction to Music	3	MUS 101A
MUSC 200	Twentieth Century Music	3	Elective
MUSC 213	Piano	1	MUS 161
MUSC 218	Wind & Percussion Instruments	1	MUS 317
MUSC 224	String Instrument	1	MUS 324
MUSC 321	Voice	1	MUS 323
MUSC 415	Organ	1	MUS 322
<b>MUSC 220</b>	Choir	2	MUS 451
MUSC 326	Band	1	MUS 453
MUSC 332,431,432	Jazz Ensemble	1	MUS 454A
<b>NASC 290</b>	Topics in Natural Science	1-4	N SC 300
NASC 301	Integrated Science I	3	N SC 300

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NASC 302	Integrated Science II	3	N SC 300
NASC 498	Research/Planning	1	Elective
NASC 499	Research/Projects	1-2	Elective
<b>NURS</b>	<b>Nursing--All Electives</b>		
<b>PHED 104</b>	Aerobics	2	Elective
PHED 106	Tennis and Racquetball	2	Elective
PHED 108	Swimming Mechanics and Water Safety	2	Elective
PHED 212	Fundamentals of Officiating	3	PED 320
PHED 215	Aquatics	2	PED 225
PHED 261	Strength Training I	2	Elective
PHED 333	Physical Education in K-6 Grades	2	Elective
<b>PHSC 101</b>	Physical Science Survey I	3	PHSC 103
PHSC 102	Physical Science Survey II	3	PHSC 104
PHSC 103	Laboratory for Physical Science Survey I	1	PHSC 103L
PHSC 104	Laboratory for Physical Science Survey II	1	PHSC 104L
PHSC 314	Physical Geology and Laboratory	4	GEOL 101
PHYS 201	General Physics I (algebra based)	3	PHYS 101
PHYS 202	General Physics II (algebra based)	3	PHYS 102
PHYS 205	Recitation I (algebra based)	1	Elective-petition department for credit
PHYS 206	Recitation II (algebra based)	1	Elective-petition department for credit
PHYS 211	General Physics I (calculus based)	3	PHYS 201
PHYS 212	General Physics II (calculus based)	3	PHYS 202
PHYS 215	Recitation I (calculus based)	1	Elective
PHYS 216	Recitation II (calculus based)	1	Elective
PHYS 223	Laboratory for Physics I	1	PHYS 201L or 101L
PHYS 224	Laboratory for Physics II	1	PHYS 202L or 102L
PHYS 310	Modern Physics	3	PHYS 314
PHYS 315	Principles of Astronomy	3	Elective-petition department for credit
PHYS 490	Topics in Physics	3	Elective
<b>POSC 200</b>	American Government and Economy	3	POSC 104
POSC 218	State and Local Government	3	POSC 202
POSC 290	Topics in Political Science	3	Elective
POSC 300	Political Thought	3	POSC 351

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POSC 312	Comparative Governments	3	POSC 304
POSC 325	Judicial Process	3	POSC 390
POSC 350	Public Administration	3	Elective
POSC 401	American Constitutional Law	3	POSC 401
POSC 404	American Political Parties and Pressure Groups	3	Elective
POSC 405	International Relations	3	POSC 303
POSC 490	Topics in Political Science	3	Elective
POSC 495	Special Topics in Political Science	1-3	Elective
<b>PSYC 103</b>	General Psychology	3	PSY 101
PSYC 210	Life Span Human Development	3	Elective
PSYC 290	Topics in Psychology	3	Elective
PSYC 300	Introduction to Counseling	3	PHY 407
PSYC 312	Psychology of Women	3	Elective
PSYC 328	Social Psychology	3	SOC 307
PSYC 329	History of Psychology	3	PSY 431
PSYC 401	Theories of Personality	3	PSY 322
PSYC 402	Abnormal Psychology	3	PSY 422
PSYC 490	Topics in Psychology	3	Elective
PSYC 495	Special Topics in Psychology	1-3	Elective
<b>RADT</b>	<b>Radiologic Technology--All Electives</b>		
<b>RADS</b>	<b>Radiologic Science--All Electives</b>		
<b>READ 370</b>	The Reading Process	2	Elective
READ 371	Teaching of Reading and Language Arts	2	Elective
READ 402	Diagnostic Prescriptive Teaching of Reading	2	Elective
<b>SOSC 099</b>	Introduction to Social Science	3	Developmental <b>NO CREDIT</b>
SOSC 340	Model United Nations	1-2	Elective
SOSC 490	Seminar in Social Science	3	Elective
<b>SOCI 206</b>	Cultural Anthropology	3	SOC 310
SOCI 210	Principles of Sociology	3	SOC 101
SOCI 290	Topics in Sociology	3	Elective
SOCI 300	Social Research Methods	3	SOC 399

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SOCI 303	Comparative Religions	3	Elective
SOCI 310	Criminal Behavior	3	SOC 303
SOCI 320	Introduction to Sociological Theories	3	SOC 406
SOCI 323	Social Deviance	3	Elective
SOCI 324	Marriage and Family Relations	3	SOC 301
SOCI 326	Physical Anthropology/Archaeology	3	Elective
SOCI 330	Social Class in America	3	Elective
SOCI 332	Regional Cultures	3	Elective
SOCI 376	The Evolution of Science and Technology	3	Elective
SOCI 410	Medical Sociology	3	Elective
SOCI 490	Topics in Sociology	3	Elective
SOCI 495	Special Topics in Sociology	1-3	Elective
<b>SPAN 101</b>	Elementary Spanish I	3	SPAN 101
SPAN 102	Elementary Spanish II	3	SPAN 102
<b>SPCH 200</b>	Introduction to Theatre	3	CART 102
SPCH 208	Fundamentals of Speech	3	CART 101
SPCH 223	Play Production	1	Elective
SPCH 300	Voice Training	3	Elective
SPCH 308	Professional Communication	3	Elective