

**AS IN AGRICULTURE TO BS IN AGRICULTURE IN AGRICULTURAL STUDIES
EMPHASIS IN AGRICULTURAL SYSTEMS TECHNOLOGY**

Campus		Black River Technical College Courses	Comparable A-State Course	Hou rs
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3
		ENG 1013 Freshman English II	ENG 1013 Composition II	3
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3
		HIST 2773 The US since 1876	HIST 2773 The US since 1876	
		POSC 2103 U.S Government	POSC 2103 Intro to US Government	
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660	
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660	
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music	
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual	
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3
		ANSC 1621 Intro to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1
		PSSC 1301 Intro to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1
	Agriculture Technology Emphasis	PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3
		AGRI 1003 Agriculture Technology	AGRI Elective	9
		AGRI 1103 Precision Technology	AGRI Elective	
		ELT 1703 Farm Electronics/PLC	TECH Elective	
		IMT 1703 Hydraulics	Transfer Credit Elective	
		WLD 1093 Farm Welding	AGED Elective	
A-State	Gen Ed Requirement		PHYS 2054 General Physics I (Prereq to PHYS 2064)	
Agriculture Core Courses			AGRI 3233 Applied Agricultural Statistics	3
			STAT 3233 Applied Statistics I	
			TECH 3773 Statistics	
			AGRI 3813 Agricultural Biosystems I	3
			AGRI 3823 Agricultural Biosystems II	3
			AGRI 4723 Ag Connections: TIPA	3
Emphasis Area – Agricultural Systems Technology			AGRI 420V Internships in Agriculture	3
			AGEC 3003 Agricultural Marketing	
			AGEC 3013 Agricultural Records	
			AGEC 3063 Agricultural Sales and Service	3
			AGED 3433 Agri Equipment Hydraulic Systems	
			AGRI 4223 Agriculture and the Environment	3
			AGST 1003 Modern Agricultural Systems	3
			AGST 3503 Agricultural Spatial Technologies I	3
			AGST 3513 Agricultural Spatial Technologies II	3
			AGST 3543 Fundamentals of GIS/GPS	3
			AGST 4003 Modern Irrigation Systems	3
			AGST 4013 Precision Application Technology	3
			AGST 4543 Advanced GIS for Agri & Nat Resources	3
			AGST 4773 Remote Sensing	3
			MATH 1033 Plan Trigonometry	3
			PHYS 2064 General Physics II	4
			PSSC 3323 Weeds and Weed Control	3
			PSSC 4713 Soil Quality Assessment & Interpretation	
		PSSC 4853 Soil and Water Conservation	3	
		TECH 3803 Electrical Systems		
		TECH 3863 Industrial Safety		
		TECH 4813 Operations Systems Research	3	
		Upper-Level elective in AGST, AGRI, or PSSC	3	

**AS IN AGRICULTURE TO BS IN AGRICULTURE IN AGRICULTURAL STUDIES
EMPHASIS IN AGRICULTURAL SCIENCE**

Campus		Black River Technical College Courses	Comparable A-State Course	Hours	
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3	
		ENG 1013 Freshman English II	ENG 1013 Composition II	3	
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3	
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3	
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4	
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4	
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3	
		HIST 2773 The US since 1876	HIST 2773 The US since 1876		
		POSC 2103 U.S Government	POSC 2103 Intro to US Government		
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3	
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3	
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660		
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3	
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660		
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3	
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music		
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual		
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3	
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1	
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3	
		ANSC 1621 Introduction to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1	
		PSSC 1301 Introduction to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1	
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3	
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1	
		PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3	
		Agriculture Technology Emphasis	AGRI 1003 Agriculture Technology	AGRI Elective	9
			AGRI 1103 Precision Technology	AGRI Elective	
	ELT 1703 Farm Electronics/PLC		TECH Elective		
	IMT 1703 Hydraulics		Elective		
	WLD 1093 Farm Welding		AGED Elective		
A-State	Agriculture Core Courses		AGRI 3233 Applied Agricultural Statistics	3	
			STAT 3233 Applied Statistics I		
			TECH 3773 Statistics		
			AGRI 3813 Agricultural Biosystems I	3	
			AGRI 3823 Agricultural Biosystems II	3	
			AGRI 4723 Ag Connections: Technical Interpretation and Professional Applications	3	
	Emphasis Area – Agricultural Science*		AGRI 420V Internships in Agriculture		
			CHEM 1052 Fundamental Concepts of Organic and Biochemistry	2	
	Minor**		Electives from AGECE, AGED, ANSC, AGRI, PSSC/HORT, TECH	28	
			Minor	18	

*No more than 12 hours in one area

** Must be approved by advisor and should not include courses taken to fulfill general education requirements

Last Modified: 10/24/18

**AS IN AGRICULTURE TO BS IN AGRICULTURE IN AGRICULTURAL STUDIES
EMPHASIS IN AGRICULTURAL EDUCATION**

Campus		Black River Technical College Courses	Comparable A-State Course	Hours		
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3		
		ENG 1013 Freshman English II	ENG 1013 Composition II	3		
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3		
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3		
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4		
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4		
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3		
		HIST 2773 The US since 1876	HIST 2773 The US since 1876			
		POSC 2103 U.S Government	POSC 2103 Intro to US Government			
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3		
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3		
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660			
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3		
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660			
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3		
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music			
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual			
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3		
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1		
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3		
		ANSC 1621 Intro to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1		
		PSSC 1301 Intro to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1		
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3		
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1		
		PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3		
	Agriculture Technology Emphasis	AGRI 1003 Agriculture Technology	AGRI Elective	9		
		AGRI 1103 Precision Technology	AGRI Elective			
		ELT 1703 Farm Electronics/PLC	TECH Elective			
		IMT 1703 Hydraulics	Transfer Credit Elective			
		WLD 1093 Farm Welding	AGED Elective			
A-State	Agriculture Core Courses		AGRI 3233 Applied Agricultural Statistics	3		
			STAT 3233 Applied Statistics I			
			TECH 3773 Statistics			
			AGRI 3813 Agricultural Biosystems I		3	
			AGRI 3823 Agricultural Biosystems II		3	
			AGRI 4723 Ag Connections: Technical Interpretation and Professional Applications		3	
	Emphasis Area – Agricultural Education			AGRI 420V Internships in Agriculture	2	
				CHEM 1052 Fundamental Concepts of Organic and Biochemistry		
				AGED 2433 Principles of Agricultural Power: Electricity and Internal Combustion Engines		9
				AGED 2453 Application of Welding Tech to Agri		
				AGED 3433 Agri Equipment Hydraulic Systems		
			AGED 3453 Agricultural Structural Systems	15		
			Electives in AGRI, AGECE, AGED, ANSC, HORT, PSSC, or TECH*			
	Professional Education Requirements			AGED 1403 Basic Agricultural Mechanics	3	
				AGED 1411 Intro to Agri and Extension Education	1	
				AGED 4433 Methods of Teaching Agri Mechanics	3	
				AGED 4462 Agricultural Youth Organizations	2	
				SCED 2513 Intro to Secondary Teaching	3	
				PSY 3703 Educational Psychology	3	
				**EDAD 4623 Special Methods for Teaching Agricultural Education	3	
			**TIAG 4826 Teaching Internship in the Secondary School	12		

*Must include 12 Upper-Level hours

**Requires admission to the Teacher Education Program

Last Modified: 10/24/18

**AS IN AGRICULTURE TO BS IN AGRICULTURE IN AGRICULTURAL STUDIES
EMPHASIS IN AGRICULTURAL COMMUNICATIONS**

Campus		Black River Technical College Courses	Comparable A-State Course	Hours
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3
		ENG 1013 Freshman English II	ENG 1013 Composition II	3
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3
		HIST 2773 The US since 1876	HIST 2773 The US since 1876	
		POSC 2103 U.S Government	POSC 2103 Intro to US Government	
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660	
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660	
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music	
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual	
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3
		ANSC 1621 Intro to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1
		PSSC 1301 Intro to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1
	Agriculture Technology Emphasis	PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3
		AGRI 1003 Agriculture Technology	AGRI Elective	9
		AGRI 1103 Precision Technology	AGRI Elective	
ELT 1703 Farm Electronics/PLC		TECH Elective		
IMT 1703 Hydraulics		Elective		
WLD 1093 Farm Welding		AGED Elective		
A-State	Agriculture Core Courses		AGRI 3233 Applied Agricultural Statistics	
			STAT 3233 Applied Statistics I	
			TECH 3773 Statistics	
			AGRI 3813 Agricultural Biosystems I	3
			AGRI 3823 Agricultural Biosystems II	3
			AGRI 4723 Ag Connections: TIPA	3
			AGRI 420V Internships in Agriculture	
	Emphasis Area – Agricultural Communications		AD 3023 Principles of Advertising	3
			PR 3003 Principles of Public Relations	
			AGEC 3063 Agricultural Sales and Services	3
			AGEC 4083 Agricultural Policy and Current Issues	3
			AGED 1411 Intro to Agri and Extension Education	1
			AGED 3443 Leadership in Agriculture	3
			AGED 445V Practicum in Agricultural Comm	3
			AGED 4462 Agricultural Youth Organizations	2
			AGRI 420V Internships in Agriculture	3
			AGRI 4433 Organic Agricultural Production	3
			AGRI 4223 Agriculture and the Environment	3
			AGST 1003 Modern Agricultural Systems	3
			AGST 3543 Fundamentals of GIS/GPS	3
			CMAC 1001 Media Grammar and Style	1
			CMAC 2003 Media Writing	3
			CMAC 2053 Introduction to Visual Communications	3
			ENG 3043 Technical Writing	3
			MDIA 4053 Advanced Reporting	
			MDIA 2013/2010 Multimedia Reporting Laboratory	3
			MDIA 2313 Multimedia Production	3
	MDIA 3313 Audio and Video Production	3		
	PRAD 4213 Social Media in Strategic Comm	3		
	GCOM 3673 Desktop Publishing			
	AGEC, AGED, AGRI, AGST, ANSC, HORT, PSSC or VOED electives	3		