

College of Agricultural Science and Natural Resources APPENDIX 1
Bachelor of Science Degree in Agricultural Education
Skilled and Technical Sciences Teaching Option
Southeast Community College Associate of Science Program

UNL			Southeast Community College			
Course No.	Course Title	Semester Credits	Course No.	Course Title	Qtr. Hr. Credits	
Ace Outcome 1 - NOTE: UNL will only accept 3 semester credits for the Skilled and Technical Sciences Teaching Option						9
ENGL 150	Writing: Rhetoric	3	ENGL 1010	Composition I	4.5	
ENGL 151	Rhetoric As Argument	3	ENGL 1020	Composition II	4.5	
BSAD 220	Business Writing	3	OFFT 2120	Business Communication Strategies	4.5	
ACE Outcome 2 - Select one course						4.5
COMM 109	Fundamentals of Human Communication	3	SPCH 1090	Fundamentals of Human Communication	4.5	
COMM 209	Public Speaking	3	SPCH 1110	Public Speaking	4.5	
COMM 286	Business and Professional Communication	3	SPCH 2180	Business & Professional Communication	4.5	
ACE Outcome 3 - NOTE: CASNR needs 5 semester credits beyond College Algebra. Select one of the 2 series						7.5-12
STAT 218	Introduction to Statistics AND	3	MATH 1180	Elementary Statistics AND	4.5	
MATH 203	Contemporary Math OR	3	MATH 2030	Contemporary Math OR	4.5	
MATH 102	Trigonometry OR	2	MATH 1200	Trigonometry OR	4.5	
MATH 103	College Algebra & Trigonometry (2 cr. will apply toward MATH 102) OR	2	MATH 1300	Precalculus OR	7.5	
MATH 104	Applied Calculus	3	MATH 1400	Applied Calculus OR	4.5	
MATH 106	Calculus I	5	MATH 1600	Calculus & Analytic Geometry I	7.5	
ACE Outcome 4 - Select one course from two of the areas (Biology or Chemistry or Physics).						12-13.5
LIFE 120/120L	Fundamentals of Biology I and Fundamentals of Biology I Lab	4	BIOS 1400	Biology I	6	
CHEM 105	Chemistry in Context I OR	4	CHEM 1050	Chemistry & The Citizen OR	6	
CHEM 109	General Chemistry I	4	CHEM 1090	General Chemistry I	6	
PHYS 141	Elements of General Physics I OR	5	PHYS 1410	General Physics I OR	7.5	
PHYS 115	Descriptive Physics	3/1GNCR	PHYS 1150	Descriptive Physics	6	
ACE Outcome 5, 7, 8 - NOTE: these outcomes will be taken at UNL and reversed transferred back to SCC to complete the Associate of Science degree.						
ACE Outcome 6						4.5
ECON 211	Principles of Macroeconomics OR	3	ECON 2110	Principles of Macroeconomics OR	4.5	
ECON 212	Principles of Microeconomics	3	ECON 2120	Principles of Microeconomics	4.5	
ACE Outcome 9						4.5
SOCI 217	Nationality and Race Relations	3	SOCI 2150	Issues of Unity and Diversity	4.5	
Outcome 10 - Must be taken at UNL						
Please select 12 hours from each of the four areas below:						
Architecture and Construction:						12
CNST 1100	Basic Carpentry	4	DDRT 1110	Design Drafting Concepts	3	
CNST 1200	Advanced Carpentry	4	DDRT 1120	Basic Computer Aided Drafting	3	
CNST 1300	Energy Construction	4				
Manufacturing:						12
WELD 1060	Basic Oxy-Acetylene/Shielded Metal Arc Theory and Lab	6	CNST 1101	Basic Woods Manufacturing	4.5	
WELD 1070	Advanced Oxy-Acetylene/Shielded Metal Arc Techniques	3	CNST 1102	Advanced Woods Manufacturing	4.5	
WELD 1080	GMAW/GTAW Theory & Lab	6				
WELD 1090	GMAW/GTAW Advanced Welding Techniques	3				
MACH 1100	Basic Machine Tool	4.5				
Science, Technology, Engineering and Mathematics						12
ENGR 1010	Introduction to Engineering Design	4.5	DDRT 1220	3-D Solid Modeling	5	
DDRT 1110	Design Drafting Concepts	3	MFGT 1413	Electical Fundamentals	5	
DDRT 1120	Basic Computer Aided Drafting	3	ELEC 1110	Introduction to Electronics and Automated Systems	4.5	
The following 2 courses can be an option for SCC students to take during the summer training institutes and reverse the credit back to SCC. Both classes are taught by UNL and will be given UNL credit.						
ALEC 397	POE, Principles of Engineering	5	ALEC 397	IED, Introduction to Engineering	4	
Transportation, Distribution, and Logistics						12
AUTT 1003	Small Engines	4.5	AUTT 1106	Electrical Concepts	6	
AUTT 1007	Auto Shop Safety and Repair	4.5				
(60 Semester Hours or 90 Quarter Hours will transfer to UNL)					Total Qtr. Hrs. for AS Degree	90-96