

College of Agricultural Sciences and Natural Resources
Bachelor of Science Degree in Agricultural Education-Skilled and Technical Sciences Option
Northeast Community College Associate of Science Degree

APPENDIX 1

UNL			Northeast Community College		
Course No.	Course Title	Required Credits	Course No.	Course Title	Required Credits
ACE Student Learning Outcomes - Except where noted, choose one course from each ACE Outcome.					
Ace Outcome 1		3			3
ENGL 150	Writing & Inquiry	3	ENGL 1010	English Composition I	3
ACE Outcome 2 - Select one course		3			3
COMM 209	Public Speaking	3	SPCH 1110	Public Speaking	3
COMM 109	Fundamentals of Human Communication	3	SPCH 1010	Fundamentals of Communication	3
ACE Outcome 3 - CASNR requires 5 credits beyond College Algebra - select one of the two series		5-6			5-6
STAT 218	Introduction to Statistics AND	3	MATH 2030	Introduction to Statistics AND	3
MATH 102	Trigonometry OR	2/1 NDAP ¹	MATH 1220	Trigonometry OR	3
MATH 104	Applied Calculus	3	MATH 2050	Applied Business Calculus	3
MATH 106	Calculus I	5	MATH 2000	Analytic Geometry and Calculus I	5
ACE Outcome 4 - Select one course from either the Biology, Chemistry or Physics area		4-5			4-5
BIOS 101/101L	General Biology	4	BIOS 1010	General Biology AND	4
CHEM 109	General Chemistry I	4/1 NDAP ¹	CHEM 1140	General Chemistry I OR	5
PHYS 141	Elements of General Physics I	5	PHYS 1130	Introductory Physics I	5
ACE Outcome 5 or 7		3			3
ENGL 180 (ACE 5)	Intro to Literature	3	ENGL 2100	Intro to Literature	3
AHIS 101 (ACE 7)	Cave Paintings to Cathedrals	3	ARTS 1050	Introduction to Art History and Criticism I	3
AHIS 102 (ACE 7)	Renaissance to Modern Art	3	ARTS 1060	Introduction to Art History and Criticism II	3
MUMN 276G (ACE 7)	The Music Experience	3	MUSC 1010	Introduction to Music	3
ACE Outcome 6		3			3
ECON 211	Principles of Macroeconomics	3	ECON 2110	Principles of Macroeconomics	3
ACE Outcome 9		3			3
SOCI 217	Nationality and Race Relations	3	SOCI 2150	Issues of Unity and Diversity	3
Outcome 10 - Must be taken at UNL					
Please select 9 hours from each of the four areas below at Northeast Community College:					
Architecture and Construction:					9
CNST 1030	Construction Drafting	2	CNST 1015	Building Construction I	3
CNST 1040	Construction Drafting Lab	1	CNST 1025	Building construction I Lab	5
CNST 1050	Residential Blueprint Reading	3			
Manufacturing:					9
INDT 1015	Introduction to Manufacturing	2	WELD 1030/1035	Shielded Metal Arc Welding Basic SMAW Theory/Lab	4.5
INDT 1025	Introduction to Industrial Safety	2	WELD 1040/1045	Gas Metal and Flux Cored Arc Welding Theory/Lab	4.5
INDT 1170	Introduction to Total Quality Management	2			
INDT 1055	Printreading for the Industrial Trades	2			
INDT 1065	Manufacturing Technologies and Measurement	2			
INDT 1085	Industrial Maintenance Fundamentals	3			
Science, Technology, Engineering and Mathematics:					9
ELTR/ELMC 1010	Fundamentals of Electricity Theory	3	ENGR 1010	Multidisciplinary Design (Required to complete an Associate of Science Degree)	3
ELTR/ELMC 1020	Fundamentals of Electricity Lab	2			
ELMC 1090	Mechanical Matter and Energy	3			
The following 2 courses can be an option for NECC students to take during the summer training institutes and reverse the credit back to NECC. Both classes are taught by UNL and will be given UNL credit.					
ALEC 115	POE, Principles of Engineering	5	ALEC 105	IED, Introduction to Engineering	4
Transportation:					9
AUTT 1010/1020	Suspension, Steering and Brake System Theory/Lab	7			
AUTT 1110/1120	Electrical System Theory/Lab	7			
Total Hours Applying Towards a Bachelors of Science Degree in Agricultural Education (UNL)			60	Total Hours Applying Towards an Associate of Science Degree at Northeast Community College. NOTE: UNL will only accept a total of 60 semester hours.	
			60		

¹ = Non Degree Applicable