

College of Agricultural Science and Natural Resources
 Mechanized Systems Management (MYSM)
 Central Community College Associate of Science Program



UNL			Central Community College			
Course No.	Course Title	Required Credits	Course No.	Course Title	CCC Credits	
ACE Student Learning Outcomes - Except where noted, choose one course from each ACE Outcome. The same course cannot be used to meet more than one ACE Outcome.						
Ace Outcome 1 - Complete both courses			6	Group A: Communications		6
ENGL 150	Writing: Rhetoric	3	ENGL 1010	English Composition	3	
ENGL 151	Rhetoric As Argument	3	ENGL 1020	Writing and Research	3	
ACE Outcome 2			3	Group A: Communications		3
COMM 209	Public Speaking	3	SPCH 1110	Public Speaking	3	
ACE Outcome 3 - Math 2020 and one other course required.			5-8	Group B: Critical Thinking and Problem Solving-Mathematics		6-8
MATH 102	Trigonometry	2/1 NDAP	MATH 1380	Trigonometry	3	
MATH 104	Applied Calculus	3	MATH 2040	Applied Calculus ⁽¹⁾	3	
MATH 106	Calculus I	5	MATH 2060	Analytic Geometry and Calculus I ⁽¹⁾	5	
STAT 218	Introduction to Statistics	3	MATH 2020	Applied Statistics	3	
ACE Outcome 4 -			21	Group B: Critical Thinking and Problem Solving-Science and Elective Courses		21
BIOS 101/101	General Biology	4	BIOS 1010	General Biology	4	
BIOS 206	General Genetics	4	BIOS2420	Principles of Genetics	4	
CHEM 109	General Chemistry I	4	CHEM 1090	General Chemistry I	4	
CHEM 110	General Chemistry II	4	CHEM 1100	General Chemistry II	4	
PHYS 141	Elements of General Physics I	5	PHYS 1410	General Physics I	5	
			15			15
ACE Outcome 5			3	Group C: Life and Career Skills		3
PHIL 220	Elements of Ethics	3	PHIL 2650	Introduction to Ethics	3	
ACE Outcome 6			3	Group E: Global Awareness		3
AECN 141	Intro to the Economics of Agriculture	3	AGRI 1410	Agricultural Economics	3	
ACE Outcome 7			3	Group E: Global Awareness		3
MUNM 276G	The Music Experience	3	MUSC 1010	Introduction to Music	3	
THEA 112G	Introduction to Theatre	3	THEA 1010	Introduction to Theater	3	
ACE Outcome 8			3	Elective Course		3
ECON 211	Principles of Macroeconomics	3	ECON 2110	Principles of Macroeconomics	3	
ACE Outcome 9			3	Elective Course		3
GEOG 140	Introduction to Human Geography	3	GEOG 1400	Cultural Geography	3	
HIST 120	World History to 1500	3	HIST 1700	World Civilizations to 1500	3	
HIST 121	World History since 1500	3	HIST 1710	World Civilizations after 1500	3	
RELG 108	World Religions	3	PHIL 2610	Comparative Religions	3	
POLS 160	International Relations	3	POLS 1600	International Relations	3	
SOCI 201	Social Problems	3	SOCI 2010	Social Problems	3	
SOCI 217	Nationality and Race Relations	3	SOCI 2150	Issues of Unity and Diversity	3	
SOCI 225	Marriage & Family	3	SOCI 2160	Marriage & Family	3	
Free Elective			3	Group D: Information & Technology Literacy		3
AGRI 271	An Introduction in Computer Applications in Agriculture	3	INFO 1120	Microcomputer Applications	3	
MECHANIZED SYSTEMS MANAGEMENT CORE:			4-7	Elective Course		4-7
SOIL 153	Introduction to Soil Resources	4	AGRI 1530	Soil Science	4	
BSEN 130	Introduction to CAD	2	DRAF 1590	Basic CAD Operations ⁽²⁾	3	
Total Hrs. Applied Toward BS Degree at UNL			60	Total Hrs. for AS Degree		60-61

⁽¹⁾ Course is required in some degree options.

⁽²⁾ Course equivalence not established. Computer application proficiency is required.