

Central Community College and UNK

Plan of Study - Industrial Technology Applied Science Comprehensive

Catalog: 2015-2016



Date Revised: 6/15/15

Central Community College			UNK		
Course No.	Course Title	Required Credits	Course No.	Course Title	Required Credits
Courses to be completed at Central Community College					
General Studies coursework required					46
Foundational Core					12
Written Communication					3
ENGL 1020	Writing and Research	3	ENG 102	Academic Writing and Research	3
Math					3
MATH 1150	College Algebra	3	MATH 102	College Algebra	3
MATH 1380	Trigonometry	3	MATH 103	Plane Trigonometry	3
MATH 2000	Mathematics for Elementary Teachers	3	MATH 230	Math for Elementary Teachers I	3
MATH 2020	Applied Statistics	3	MGT 233	Business Statistics	3
MATH 2040	Applied Calculus	3	MATH 123	Applied Calculus I	3
Oral Communication					3
SPCH 1110	Public Speaking	3	SPCH 100	Fundamentals of Speech	3
SPCH 1400	Oral Communication	3	SPCH 100	Fundamentals of Speech	3
Democracy in Perspective					3
	No Course Equivalent at CCC		ITEC 290	Communicating Through Technology	3
Portal Course					3
Students transferring in 24 or more hours of General Studies credit are exempt from taking the Portal, but must still complete a total of 45 hours of General Studies credit.					
Distribution					28
Aesthetics					3
ARTS 1010	Introduction to the Visual Arts	3	ART 120	Art Appreciation	3
ARTS 1250	Art Fundamentals	3	ART 100	Art Structure	3
MUSC 1010	Introduction to Music	3	MUS 100	Introduction to Music	3
MUSC 2700	History of Jazz	3	MUS 106	Introduction to Jazz and Blues	3
THEA 1010	Introduction to Theatre	3	THEA 120	Introduction to the Theatre	3
Humanities (3 credits from Literature and 3 credits from History)					6
Literature					3
ENGL 2100	Introduction to Literature	3	ENG 254	Introduction to Literature: Special Topics	3
ENGL 2340	American Literature	3	ENG 251	Introduction to Literature: American Literature	3
ENGL 2370	Non-Western Literature	3	ENG 253	Introduction to Literature: Non-Western Civilization	3
History					3
HIST 1000	Western Civilization to 1700	3	HIST 210	Western Civilization	3
HIST 1010	Western Civilization after 1700	3	HIST 211	Western Civilization	3
HIST 1700	World Civilization to 1500	3	HIST 210	Western Civilization	3
HIST 1710	World Civilization after 1500	3	HIST 211	Western Civilization	3
HIST 2010	American History I	3	HIST 250	American History	3
HIST 2020	American History II	3	HIST 251	American History	3
HIST 2150	Introduction to Latin America	3	HIST 215	Introduction to Latin America	3
Social Sciences (At least two disciplines required)					6
CRIM 1010	Introduction to Criminal Justice	3	CJUS 101	Introduction to Criminal Justice	3
ECON 1100	Economic Understand	3	ECON 100	Contemporary Economic Issues	3
ECON 2110	Principles of Macroeconomics	3	ECON 270	Principles of Economics, Macroeconomics	3
ECON 2120	Principles of Microeconomics	3	ECON 271	Principles of Economics, Microeconomics	3
PSYC 1010	Psychology of Family	3			
SOCI 2160	Marriage and Family	3	FSID 351	Marriage and Family Relationships	3
GEOG 1400	Cultural Geography	3	GEOG 106	Human Geography	3
POLS 1000	American Government	3	PSCI 110	Introduction to American Politics	3
POLS 1600	International Relations	3	PSCI 168	Introduction to International Relations	3
PSYC 1810	Introduction to Psychology	3	PSY 203	General Psychology	3
PSYC 2890	Developmental Psychology	3	PSY 230	Human Development	3
ANTH 1100	Introduction to Anthropology	3	SOC 250	Anthropology	3
SOCI 1010	Introduction to Sociology	3	SOC 100	Introduction to Sociology	3
Natural Sciences (At least two disciplines required and at least one of the courses must have a laboratory component)					7
BIOS 1010	General Biology	4	BIOL 103	General Biology	4
BIOS 1090	General Botany	4	BIOL 105	Biology I	4
BIOS 1120	Principles of Zoology	4	BIOL 106	Biology II	4
BIOS 2490	Principles of Microbiology	4	BIOL 211	Human Microbiology	4

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CHEM 1050	Elements of Chemistry	4	CHEM 145	Introductory Chemistry	4
CHEM 1060	Basics of Organic Chemistry	4	CHEM 150	Introduction to Organic and Biochemistry	4
CHEM 1090	General Chemistry	4	CHEM 160	General Chemistry	3
			CHEM 160L	General Chemistry Laboratory	1
CHEM 1100	General Chemistry II	4	CHEM 161	General Chemistry	3
			CHEM 161L	General Chemistry Laboratory	1
PHYS 1500	Introduction to Physical Geography with Lab	4	GEOG 102	Physical Geography II: The Lithosphere	4
BIOS 1060	Environmental Science	3	PHYS 201	Earth Science	4
BIOS 1070	Environmental Science Lab	1	PHYS 201	Earth Science	4
PHYS 1010	Earth Science	3	PHYS 100	Physical Science	3
PHYS 1100	Physical Science	4	PHYS 100L	Physical Science Laboratory	1
PHYS 1410	General Physics I	5	PHYS 205	General Physics I	4
			PHYS 205L	Physics I Laboratory	1
PHYS 1420	General Physics II	5	PHYS 206	General Physics II	4
			PHYS 206L	Physics II Laboratory	1
PHYS 2010	Meteorology: Intro to Atmosphere	4	PHYS 209	Meteorology	3
PHYS 2110	General Physics I with Calculus	5	PHYS 275	General Physics I (Calculus)	4
			PHYS 275L	General Physics I (Calculus) Laboratory	1
PHYS 2120	General Physics II with Calculus	5	PHYS 276	General Physics II (Calculus)	4
			PHYS 276L	General Physics II (Calculus) Laboratory	1
Analytical and Quantitative Thought					6
BSAD 2020	Business Statistics	3	MGT 233	Business Statistics	3
INFO 1120	Microcomputer Applications	3	MIS 182	Software Productivity Tools	3
INFO 1380	Technology in Society	3	CSIT 108	Computers in Society	3
INFO 1700	Database Concepts and Design	3	CSIT 1003	Computing Environments: Date Base	3
INFO 1800	Visual Basic Programming	3	CSIT 111	Applied Computer Programming	3
INFO 2820	JAVA Programing	3	CSIT 130	Introduction to Computer Science	3
INFO 2830	C# Programming	3	CSIT 111	Applied Computer Programming	3
MATH 2020	Applied Statistics	3	MGT 233	Business Statistics	3
MUSC 1470	Music Theory I	3	MUS 200	Theory I	3
Capstone					
Transfer students must take this course at UNK					
Transfer Core (22 hours required from a qualified AAS degree)					22
Advanced Manufacturing Design Technology AAS					
Drafting and Design Technology AAS					
Notes:					
A maximum of 66 semester credit hours may be transferred from two-year/Junior or Community Colleges.					