

Central Community College and UNK

Associate of Science to Bachelor of Science, Information Technology, Web Development Emphasis

Catalog: 2016-2017



Date Revised: 7/28/16

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					37
Communication					9
ENGL 1010	English Composition	3	ENG 101	English Composition	3
ENGL 1020	Writing and Research	3	ENG 102	Academic Writing and Research	3
SPCH 1110	Public Speaking	3	SPCH 100	Fundamentals of Speech	3
Social Sciences (Needs to take ECON 2120 and one other courses)					6
CRIM 1010	Introduction to Criminal Justice	3	CJUS 101	Introduction to Criminal Justice	3
ECON 1100	Economic Understanding	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	FSID 351	Marriage and Family Relationships	3
SOCI 2160	Marriage and Family	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
Math					6
MATH 2020	Applied Statistics	3	STAT 241	Elementary Statistics	3
MATH 2040	Applied Calculus	3	MATH 123	Applied Calculus	3
Analytical and Quantitative Thought					3
INFO 1380	Technology in Society	3	CSIT 108	Computers in Society	3
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
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
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 1010	Earth Science	3	PHYS 201	Earth Science	4
PHYS 1100	Physical Science	4	PHYS 100	Physical Science	3
			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

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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
Information Technology Core					15
INFO 1100	Intro to Information Technology and Systems	3		Elective	3
INFO 1120	Microcomputer Applications	3		GS Elective	3
INFO 1670	IT Essentials	3		Elective	3
INFO 1700	Database Concepts	3		Elective	3
INFO 2820	Java Programming	3	CSIT 130	Intro to Computer Science	3
Information Technology Core					9
INFO 2830	C# Programming	3	CSIT 111	Applied Comp Programming	3
INFO 1300	Security Fundamentals	3		Elective	3
INFO 1500	Web Development	3		Elective	3
INFO 1800	Visual Basic Programming	3			
INFO 2420	Systems Impl and Support	3		Elective	3
INFO 2470	Mobile Support	3		Elective	3
INFO 2500	Dynamic Web Applications	3		Elective	3
INFO 2540	Open Source Software	3		Elective	3
INFO 2590	.NET Developer	3	CSIT 150	Object Oriented Programming	3
INFO 2780	SQL Server	3		Elective	3
INFO 2870	Mobile Programming	3		Elective	3