

## ***Course Equivalency Guide***

between

**Iowa State University**  
515 294-5836  
***www.iastate.edu***

and

**Normandale Community College**  
952 358-8200  
***www.normandale.edu***

***Based on the Normandale Community College 2021-2022 Catalog and the  
2021-2022 Iowa State University Bulletin***

### ***How to Read the Course Equivalency Guide***

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course that is directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course that is directly equivalent to the community college course, the department name is still listed with either a 1T\*\* or 2T\*\*. This shows that it does transfer as either a freshman (1T\*\*) or a sophomore (2T\*\*) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.
- A "z" after MATH 100 indicates that the course will transfer to Iowa State, but will not be used toward graduation from Iowa State University.
- CAREER/TECH means that the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.
- "NC" in the credit column indicates that the course does not transfer to Iowa State University. In most cases the course is developmental in nature.

**ACCOUNTING**

ACCT 1051	Accounting Basics	ACCT 1T**	1
ACCT 1052	Computerized Accounting	ACCT 1T**	2
ACCT 1900	Topics in Accounting	ACCT 1T**	1-4
ACCT 2096	Internship in Accounting	ACCT 2T**	2-4
ACCT 2251	Financial Accounting	ACCT 284	4
ACCT 2252	Managerial Accounting	ACCT 285	4
ACCT 2254	Intro Management Information Systems	MIS 2T**	4
ACCT 2853	Federal Individual Income Tax	ACCT 2T**	4
ACCT 2900	Topics in Accounting	ACCT 2T**	1-4

**ANTHROPOLOGY**

ANTH 1100	Intro to Anthropology-What it Means to be Human	ANTHR 1T**	4
ANTH 1101	Cultural Diversity	ANTHR 1T**	3
ANTH 1120	Introduction to Women's Studies	W S 201	3
ANTH 1121	Women Across Cultures	ANTHR 1T**	3
ANTH 1127	Cultural Anthropology	ANTHR 201	3
ANTH 1130	Human Language - Intro to Linguistic Anthropology	ANTHR 1T**	3
ANTH 1145	Introduction to Forensic Anthropology	ANTHR 1T**	3
ANTH 1148	Seeing Culture Through Film and Fieldwork	ANTHR 1T**	3
ANTH 1150	Native American Voices	ANTHR 1T**	3
ANTH 1188	Magic, Witchcraft, and Religion	ANTHR 1T**	3
ANTH 1210	Human Evolution-An Intro to Bio-Anthropology	ANTHR 202	3
ANTH 1211	Human Evolution Lab Experience	ANTHR 1T**	1
ANTH 1212	Primatology Observations and Applications	ANTHR 1T**	1
ANTH 1230	Archaeology-Prehistory & Humanity's Cultural Orig	ANTHR 1T**	4
ANTH 1231	Archaeology Lab - Ancient Technologies	ANTHR 1T**	1
ANTH 1235	Field Archeology-Methods of Exploring the Past	ANTHR 1T**	3
ANTH 1236	Archaeology Minnesota-Prehist Native Cultures	ANTHR 1T**	3
ANTH 1899	Health, Illness, & Healing Across Cultures	ANTHR 1T**	3
ANTH 1900	Topics in Anthropology	ANTHR 1T**	1-4
ANTH 2096	Internship in Anthropology	ANTHR 2T**	2-4

**ART**

ART 1101	The Visual Arts	ART 1T**	3
ART 1102	Foundation Art History 1	ART H 280	3
ART 1103	Foundation Art History 2	ART H 281	6
ART 1104	Contemporary Art Survey		
ART 1105	Non-Western Art Survey	ART 1T**	3
ART 1109	Exploring Photography	ART 1T**	3
ART 1110	Introduction to Film Photography	ART 1T**	3
ART 1113	Video Art	ART 1T**	3
ART 1114	Introduction to Digital Photography	ART 1T**	3
ART 1115	2D Animation and Interactivity	ART 1T**	3
ART 1116	Introduction to Graphic Design	ART 1T**	3
ART 1118	Foundation Two-Dimensional Design	ART 1T**	3
ART 1120	Foundation Three-Dimensional Design	ART 1T**	3
ART 1121	Foundation Drawing 1	ART 1T**	3
ART 1122	Foundation Digital Imaging	ART 1T**	3
ART 1123	Introduction to Sculpture	ART 1T**	3
ART 1124	Introduction to Ceramics: Handbuilding	ART 1T**	3
ART 1125	Glass Fusing 1	ART 1T**	3
ART 1126	Introduction to Printmaking - Screenprint	ART 1T**	3

**ART, continued**

ART 1127	Introduction to Painting	ART 1T**	3
ART 1128	Watercolor Painting	ART 1T**	3
ART 1129	Introduction to Printmaking: Relief	ART 1T**	3
ART 1130	Introduction to Ceramics: Wheel Throwing	ART 1T**	3
ART 1132	Mixed Media	ART 1T**	3
ART 1900	Topics in Art	ART 1T**	1-4
ART 2096	Internship in Art	ART 2T**	2-4
ART 2200	AFA Art Capstone:Portfolio & Professional Prac	ART 2T**	1
ART 2201	Figure Drawing	ART 2T**	3
<b>ART 2203</b>	<b>Advanced Ceramics: Handbuilding</b>	<b>ART 2T**</b>	<b>3</b>
ART 2204	Foundation Drawing 2	ART 2T**	3
ART 2205	Advanced Painting	ART 2T**	3
ART 2206	Glass Fusing 2	ART 2T**	3
ART 2207	Advanced Photography	ART 2T**	3
ART 2208	Advanced Painting	ART 2T**	3
ART 2210	AFA in Art Capstone: Exhibition	ART 2T**	1
ART 2900	Topics in Art	ART 2T**	1-4

**BIOLOGY**

BIOL 1001	Biology Boot Camp	BIOL 1T**	2
BIOL 1100	Survey of Biology	BIOL 1T**	4
BIOL 1101	Introduction to Human Genetics	GEN 1T**	4
BIOL 1102	Human Biology	BIOL 155	4
BIOL 1103	Introduction to Emerging Diseases	MICRO 1T**	4
BIOL 1104	Minnesota Natural History & Field Biology	BIOL 1T**	4
BIOL 1110	Environmental Biology	BIOL 1T**	3
BIOL 1120	Introduction to Evolutionary Biology	BIOL 1T**	3
BIOL 1125	Sex & Human Diversity	BIOL 1T**	3
*BIOL 1501	Principles of Biology 1	BIOL 2T**	5
*BIOL 1502	Principles of Biology 2	BIOL 2T**	4

*\*When BIOL 1501 and BIOL 1502 are both taken, the courses will transfer as BIOL 211 (4), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIOL 1900	Topics in Biology	BIOL 1T**	1-4
BIOL 2041	Human Anatomy	BIOL 255	3
	Human Anatomy Lab	BIOL 255L	1
BIOL 2042	Human Physiology	BIOL 256	3
	Human Physiology Lab	BIOL 256L	1
BIOL 2043	Microbiology	MICRO 201	3
	Microbiology Lab	MICRO 201L	1
BIOL 2096	Internship in Biology	BIOL 2T**	2-4
BIOL 2202	Animal Diversity	BIOL 2T**	4
BIOL 2203	Botany	BIOL 2T**	4
BIOL 2205	Genetics	GEN 2T**	4
BIOL 2206	Ecology	BIOL 2T**	4
BIOL 2207	Cell Biology	BIOL 2T**	4
BIOL 2208	Biology of Microorganisms	BIOL 2T**	4
BIOL 2900	Topics in Biology	BIOL 2T**	1-4

**BUSINESS**

BUSN 1102	Social Media Marketing	MKT 1T**	3
BUSN 1105	Introduction to Business	BUSAD 1T**	3

**BUSINESS, continued**

BUSN 1125	Entrepreneurship	CAREER/TECH	
BUSN 1130	Introduction to International Business	BUSAD 1T**	3
BUSN 1145	Supervision	MGMT 1T**	3
BUSN 1152-1156	By Title	CAREER/TECH	
BUSN 1157	Introduction to Hospitality & Tourism	HSP M 101	4
BUSN 1158-1250	By Title	CAREER/TECH	
BUSN 1900	Topics in Business	BUSAD 1T**	1-4
BUSN 2096	Internship in Business	BUSAD 2T**	2-4
BUSN 2100	Human Relations and Effective Teams	MGMT 2T**	3
BUSN 2125	Business Practices in Global Market	BUSAD 2T**	3
BUSN 2150	Revenue Management in Hospitality and Tourism	CAREER/TECH	
BUSN 2155	Legal Environment of Business	ACCT 215	3
BUSN 2200	Human Resource Management	MGMT 2T**	3
BUSN 2220	Statistics for Business & Economics	STAT 101	4
BUSN 2252	Professional Selling	CAREER/TECH	
BUSN 2254	Intro to Management Information Systems	MIS 2T**	4
BUSN 2300	Principles of Management	MGMT 2T**	3
BUSN 2310	Small Business Management	CAREER/TECH	
BUSN 2400	Principles of Marketing	MKT 2T**	3
BUSN 2853	Federal Individual Income Tax	ACCT 2T**	4
BUSN 2900	Topics in Business	BUSAD 2T**	1-4

**CHEMISTRY**

CHEM 1000	Real World Chemistry	CHEM 1T**	3
CHEM 1001	Real World Chemistry and Lab	CHEM 1T**	4
CHEM 1010	Environmental Chemistry	CHEM 1T**	4
CHEM 1020	Introductory Chemistry	CHEM 160	4
CHEM 1050	Foundations of Organic and Biochemistry	CHEM 1T**	3
CHEM 1061	Principles of Chemistry 1	CHEM 177	4
	Principles of Chemistry 1 Lab	CHEM 177L	1
CHEM 1062	Principles of Chemistry 2	CHEM 178	4
	Principles of Chemistry 2 Lab	CHEM 178L	1
CHEM 1900	Topics in Chemistry	CHEM 1T**	1-4
CHEM 2041	Quantitative Analysis	CHEM 211	3
	Quantitative Analysis Lab	CHEM 211L	1
CHEM 2061	Organic Chemistry 1	CHEM 331	4
	Organic Chemistry 1 Lab	CHEM 331L	1
CHEM 2062	Organic Chemistry 2	CHEM 332	4
	Organic Chemistry 2 Lab	CHEM 332L	1
CHEM 2096	Internship in Chemistry	CHEM 2T**	2-4
CHEM 2900	Topics in Chemistry	CHEM 2T**	1-4
CHEM 2921	Biochemistry	BBMB 2T**	3

**CHINESE**

CHIN 1100	Beginning Chinese 1	CHIN 1T**	5
CHIN 1101	Introduction to Interpreting and Translation	CHIN 1T**	2
CHIN 1111	Chinese Culture and Civilization	CHIN 1T**	3
CHIN 1200	Beginning Chinese 2	CHIN 1T**	5
CHIN 2096	Internship in Chinese	CHIN 2T**	2-4
CHIN 2100	Intermediate Chinese 1	CHIN 2T**	5
CHIN 2200	Intermediate Chinese 2	CHIN 2T**	5

**COMPUTERS/INFORMATION MANAGEMENT**

CIM 1000-2900      By Title      CAREER/TECH

**COMMUNICATION**

COMM 1100	Introduction to Communication	COMM 1T**	3
COMM 1101	Fundamentals of Public Speaking	SP CM 212	3
COMM 1106	Mass Media	JL MC 101	3
COMM 1111	Interpersonal Communication	COMST 102	3
COMM 1113	Strategic Comm: Advertising & Public Relations	P R 1T**	3
COMM 1121	Small Group Communication	COMST 1T**	3
COMM 1131	Intercultural Communication	COMST 1T**	3
COMM 1141	Nonverbal Communication	COMST 1T**	3
COMM 1151	Storytelling	COMM 1T**	3
COMM 1450	Interactive Digital Communication	JL MC 1T**	3
COMM 1900	Topics in Communication	COMM 1T**	1-4
COMM 2096	Internship in Communication	COMM 2T**	2-4
COMM 2111	Family Communication	COMST 2T**	3
COMM 2900	Topics in Communication	COMM 2T**	1-4

**COMMUNITY HEALTH WORKER-NAVIGATOR**

CHWN 1000-2096      By Title      CAREER/TECH

**COMPUTER SCIENCE**

CSCI 1100	Fundamentals of Computers	COM S 103	4
CSCI 1101	Intro to Computing & Problem Solving	COM S 1T**	4
CSCI 1111	Introduction to Programming in C	COM S 2T**	4
CSCI 1113	Introduction to C/C++ for Engineers	COM S 2T**	4
CSCI 1202	Introduction to Object-Oriented Prog in C++	COM S 1T**	3
CSCI 1203	Intro to Computer Programming in Java	COM S 1T**	4
CSCI 1900	Topics in Computer Science	COM S 1T**	1-4
CSCI 2001	Computer Programming Concepts	COM S 2T**	4
CSCI 2002	Algorithms and Data Structures	COM S 2T**	4
CSCI 2011	Discrete Structures of Computer Science	COM S 2T**	4
CSCI 2021	Machine Architecture and Organization	COM S 2T**	4
CSCI 2031	Introduction to Numerical Computing	COM S 2T**	4
CSCI 2033	Elementary Computational Linear Algebra	COM S 2T**	4
CSCI 2096	Internship in Computer Science	COM S 2T**	2-4
CSCI 2900	Topics in Computer Science	COM S 2T**	1-4

**COMPUTER TECHNOLOGY**

COMT 1107-2900      By Title      CAREER/TECH

**COUNSELING AND CAREER DEVELOPMENT**

CCD 1170	Career Exploration	U ST 1T**	1
CCD 2000	Global Career Development Facilitator Program	CAREER/TECH	

**CREATIVE WRITING**

ENGW 1111	Introduction to Creative Writing	ENGL 207	3
ENGW 1900	Topics in Creative Writing	ENGL 1T**	3
ENGW 2096	Internship in Creative Writing	ENGL 2T**	2-4
ENGW 2112	Poetry Writing	ENGL 2T**	3
ENGW 2113	Fiction Writing	ENGL 2T**	3
ENGW 2114	Play and Screen Writing	ENGL 2T**	3

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**CREATIVE WRITING, continued**

ENGW 2115	Memoir/Non-Fiction Writing	ENGL 2T**	3
ENGW 2800	AFA Capstone	ENGL 2T**	3
ENGW 2900	Topics in Creative Writing	ENGL 2T**	3

**DENTAL HYGIENE**

DENH 1112-2900	By Title	CAREER/TECH	
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**DATA SCIENCE**

DSCI 2000	Foundations of Data Science	DS 2T**	3
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**ECONOMICS**

ECON 1100	Personal Finance	HD FS 283	3
ECON 1200	Consumer Economics	ECON 1T**	3
ECON 1400	Survey of Economics	ECON 1T**	3
ECON 1900	Topics in Economics	ECON 1T**	1-3
ECON 2096	Internship in Economics	ECON 2T**	2-4
ECON 2201	Principles of Microeconomics	ECON 101	3
ECON 2202	Principles of Macroeconomics	ECON 102	3
ECON 2900	Topics in Economics	ECON 2T**	1-3

**EDUCATION**

EDUC 1101	Introduction to Education	EDUC 204	4
EDUC 1120	Spanish for Educators 1	SPAN 1T**	3
EDUC 1220	Spanish for Educators 2	SPAN 1T**	3
EDUC 2096	Internship in Education	EDUC 2T**	2-4
EDUC 2101	Educational Technology	EDUC 2T**	3
EDUC 2222	Multicultural Education Human Rel in Schools	EDUC 2T**	3
EDUC 2223	Foundations of Instruction	EDUC 2T**	2
EDUC 2331	Prof Practice & Design Indv Education Programs	SP ED 2T**	2
EDUC 2408	Individuals w/Diverse & Exceptional Needs	SP ED 250	4
EDUC 2409	Learning & Human Dev Diverse Learners	EDUC 2T**	4

**ENGINEERING**

ENGR 1020	Introduction to Engineering Design	ENGR 1T**	4
ENGR 1900	Topics in Engineering	ENGR 1T**	1-4
ENGR 2015	Linear Circuit Analysis	E E 2T**	4
ENGR 2016	Steady-State Circuit Analysis	E E 2T**	1
ENGR 2096	Internship in Engineering	ENGR 2T**	2-4
ENGR 2115	Intro to Analog & Digital Electronics	E E 2T**	5
ENGR 2231	Thermodynamics	M E 2T**	2-4
ENGR 2235	Statics	C E 274	3
ENGR 2236	Dynamics	M E 345	3
ENGR 2301, 2302	Introduction to Digital Systems Design A, B	CPR E 2T**	2 each
ENGR 2331	Deformable Body Mechanics	E M 2T**	3
ENGR 2900	Topics in Engineering	ENGR 2T**	1-4

**ENGINEERING TECHNOLOGY**

ENGT 1014-2188	By Title	CAREER/TECH	
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**ENGLISH FOR ACADEMIC PURPOSES**

EAP 0655-2900	By Title		No Credit
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**ENGLISH COMPOSITION**

ENGC 0800-0900	By Title	ENGL 50	No Credit
ENGC 1101	College Writing	ENGL 150	4
ENGC 1900	Topics in Composition	ENGL 1T**	1-4
ENGC 2020	Advanced Grammar	ENGL 2T**	3
ENGC 2096	Internship in English Composition	ENGL 2T**	2-4
ENGC 2102	Business and Technical Writing	ENGL 2T**	3
ENGC 2900	Topics in Composition	ENGL 2T**	1-4

**ENGLISH LITERATURE**

ENGL 1000	Introduction to Literature	ENGL 201	3
ENGL 1021	Literary Magazine	ENGL 1T**	3
ENGL 1120	Graphic Novels	ENGL 1T**	3
ENGL 1130	Literature of Diversity	ENGL 1T**	3
ENGL 1140	Gender and Literature	ENGL 1T**	3
ENGL 1170	Modern World Literature	ENGL 1T**	3
ENGL 1175	Myths and Legends	ENGL 1T**	3
ENGL 1186	Introduction to Poetry	ENGL 1T**	3
ENGL 1188	Introduction to Short Stories	ENGL 1T**	3
ENGL 1189	Introduction to the Novel	ENGL 1T**	3
ENGL 1900	Topics in Literature	ENGL 1T**	1-4
ENGL 2000	Intro to Literary Studies: Writing about Literature	ENGL 260	3
ENGL 2060	Children's and Young Adult Literature	HD FS 2T**	3
ENGL 2096	Internship in English Literature	ENGL 2T**	2-4
ENGL 2120	Shakespeare	ENGL 2T**	3
ENGL 2125	Novels of Jane Austen	ENGL 2T**	3
ENGL 2127	Sherlock Holmes and the Victorian Age	ENGL 2T**	3
ENGL 2130	African American Literature	ENGL 2T**	3
ENGL 2133	Native American Literature	AM IN 240	3
ENGL 2150, 2151	American Literature 1, 2	ENGL 2T**	4 each
ENGL 2160	British Writers 1	ENGL 225	4
ENGL 2161	British Writers 2	ENGL 226	4
ENGL 2174	African Literature	ENGL 2T**	3
ENGL 2900	Topics in Literature	ENGL 2T**	1-4

**EXERCISE SCIENCE**

EXSC 1000	Aspects of Fitness	KIN 1T**	1
EXSC 1102	Badminton	KIN 122	1
EXSC 1103	Bowling	KIN 129	1
EXSC 1104	Boot Camp I	KIN 1T**	1
EXSC 1105	Fitness Yoga	KIN 1T**	1
EXSC 1107	Golf	KIN 135	1
EXSC 1109	Karate	KIN 170	1
EXSC 1112	Tennis	KIN 158	1
EXSC 1116	Volleyball	KIN 182	1
EXSC 1118	Soccer	KIN 185	1
EXSC 1122	Zumba	KIN 1T**	1
EXSC 1128	Team Sports and Exercise	KIN 1T**	3
EXSC 1129	Fitness for Life I	KIN 163	2
EXSC 1130	Fitness Walking	KIN 164	1
EXSC 1133	Fencing	KIN 1T**	1
EXSC 1151	Rock Climbing	KIN 1T**	2
EXSC 1153	Backpacking and Wilderness Preservation	KIN 1T**	3

**EXERCISE SCIENCE, continued**

EXSC 1200	Beginning Weight Training	KIN 166	1
EXSC 1400	Studio Cycling	KIN 1T**	1
EXSC 1500	Hiking and Snowshoeing	KIN 1T**	1
EXSC 1900	Topics in Exercise Science	KIN 1T**	1-4
EXSC 2096	Internship in Exercise Science	KIN 2T**	2-4
EXSC 2253	Adv Backpacking & Outdoor Leadership	KIN 2T**	2
EXSC 2300	Introduction to Exercise Science	KIN 2T**	3
EXSC 2305	Exercise Physiology	KIN 2T**	3
EXSC 2310	Foundations of Personal Training	KIN 2T**	3
EXSC 2315	Exercise Prescription	KIN 2T**	3
EXSC 2330	Applications of Personal Training	KIN 2T**	2
EXSC 2900	Topics in Exercise Science	KIN 2T**	1-4

**FOOD SCIENCE**

FSCI 2096	Internship in Food Science	FS HN 2T**	2-4
FSCI 2100	Introduction to Food Science	FS HN 2T**	3

**FRENCH**

FREN 1100	Beginning French 1	FRNCH 101	5
FREN 1101	Introduction to Interpreting and Translation	FRNCH 1T**	2
FREN 1111	French Culture and Civilization	FRNCH 1T**	3
FREN 1200	Beginning French 2	FRNCH 102	5
FREN 2096	Internship in French	FRNCH 2T**	2-4
FREN 2100	Intermediate French 1	FRNCH 201	5
FREN 2200	Intermediate French 2	FRNCH 202	5
FREN 2210	Advanced Communication Skills	FRNCH 2T**	3

**GEOGRAPHY**

GEOG 1050	Introduction to Maps and Places	S SCI 1T**	3
GEOG 1101	Earth's Natural Environment	SCI 1T**	4
GEOG 1102	Human Geography	S SCI 1T**	3
GEOG 1104	Resources, Society and Environment	S SCI 1T**	3
GEOG 1121	World Regional Geography	S SCI 1T**	3
GEOG 1123	Geography of Minnesota	S SCI 1T**	3
GEOG 1124	Geography of Latin America	S SCI 1T**	3
GEOG 1125	Geography of the US and Canada	S SCI 1T**	3
GEOG 1130	Climate Change: Sci, Human Impacts & Adapt	SCI 1T**	3
GEOG 1170	Cities	S SCI 1T**	3
GEOG 1172	Introductory Meteorology	MTEOR 206	4
GEOG 1180	Cartography & Geographic Information Systems	NREM 1T**	3
GEOG 1900	Topics in Geography	S SCI 1T**	1-4
GEOG 2096	Internship in Geography	S SCI 1T**	2-4
GEOG 2900	Topics in Geography	S SCI 2T**	1-4

**GEOLOGY**

GEOL 1050	Earth History	GEOL 1T**	4
GEOL 1101	The Dynamic Earth	GEOL 100	3
	The Dynamic Earth Lab	GEOL 100L	1
GEOL 1110	Environmental Geology	ENV S 101	3
GEOL 1111	Environmental Geology Lab	ENV S 1T**	1
GEOL 1120	Oceanography	GEOL 108	3
GEOL 1130	Climate Change: Sci, Human Impacts & Adapt	GEOL 1T**	3



**GEOLOGY, continued**

GEOL 1900	Topics in Geology	GEOL 1T**	1-4
GEOL 2096	Internship in Geology	GEOL 2T**	2-4
GEOL 2900	Topics in Geology	GEOL 2T**	1-4

**GERMAN**

GERM 1100	Beginning German 1	GER 101	5
GERM 1101	Introduction to Interpreting and Translation	GER 1T**	2
GERM 1111	German Culture and Civilization	GER 1T**	3
GERM 1200	Beginning German 2	GER 102	5
GERM 2096	Internship in German	GER 2T**	2-4
GERM 2100	Intermediate German 1	GER 201	5
GERM 2200	Intermediate German 2	GER 202	5
GERM 2210	Advanced Communication Skills	GER 2T**	3

**HEALTH**

HLTH 1010	Medical Terminology	CAREER/TECH	
HLTH 1103	College First Aid and Adult CPR	H S 105	2
HLTH 1104	Personal and Community Health	H S 1T**	3
HLTH 1106	Drug Use and Abuse	H S 215	3
HLTH 1107	Principles of Nutrition	FS HN 167	3
HLTH 1112	CPR for the Professional Rescuer	CAREER/TECH	
HLTH 1118	Stress Management	H S 1T**	3
HLTH 1160	Theory and Practice of T'ai Chi Ch'uan 1	KIN 1T**	2
HLTH 1170	Theories & Practice of Healing Qigong	H S 1T**	3
HLTH 1900	Topics in Health	H S 1T**	1-4
HLTH 2010	Healthcare in the US	H S 2T**	3
HLTH 2011	Introduction to Public Health	H S 2T**	3
HLTH 2021	Public Health Advocacy and Leadership	H S 2T**	3
HLTH 2096	Internship in Health	CAREER/TECH	
HLTH 2105	Women's Health	H S 2T**	3
HLTH 2160	Theory and Practice of T'ai Chi Ch'uan 2	KIN 2T**	2
HLTH 2209	Emergency Medical Responder	CAREER/TECH	
HLTH 2900	Topics in Health	H S 2T**	1-4

**HEALTH AND HUMAN SERVICES COURSES**

HSER 1100	Current Issues in Health & Human Services	HD FS 1T**	2
HSER 1200	Multicultural Aspects in Health & Human Services	HD FS 1T**	2

**HEALTHCARE CORE CURRICULUM**

HCCC 1000-1080	By Title	CAREER/TECH	
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**HEALTH CARE SYSTEMS TECHNOLOGY**

HCST 2096-2200	By Title	CAREER/TECH	
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**HISTORY**

HIST 1101	History of World Civilizations 1	HIST 201	4
HIST 1102	History of World Civilizations 2	HIST 202	4
HIST 1111	United States History 1	HIST 221	4
HIST 1112	United States History 2	HIST 222	4
HIST 1131	History of Family: Cross-Cultural Perspective	S SCI 1T**	3
HIST 1133	Minnesota History	HIST 1T**	3
HIST 1900	Topics in History	HIST 1T**	1-3

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### HISTORY, continued

HIST 2096	Internship in History	HIST 2T**	2-4
HIST 2101	History of East Asia	HIST 2T**	3
HIST 2102	Latin American History - Pre-Conquest to Present	HIST 2T**	3
HIST 2111	Lesbian, Gay, Bisexual & Transgender US History	HIST 2T**	3
HIST 2201	The World in the Era of the World Wars	HIST 2T**	3
HIST 2900	Topics in History	HIST 2T**	1-3

### HOSPITALITY MANAGEMENT

HSMA 1103	Introduction to Hospitality & Tourism Management	HSP M 101	4
HSMA 1143-2900	By Title	CAREER/TECH	

### INTERDISCIPLINARY STUDIES

INDS 1101	Introduction to Interpreting and Translation	WLC 1T**	2
INDS 1600	Leadership Development	U ST 1T**	3
INDS 1900	Topics in Interdisciplinary Studies	XXX 1T**	1-3
INDS 2500	Honors Capstone	XXX 2T**	3
INDS 2900	Topics in Interdisciplinary Studies	XXX 2T**	1-3

### JAPANESE

JAPN 1100	Beginning Japanese 1	WLC 1T**	5
JAPN 1101	Introduction to Interpreting and Translation	WLC 1T**	2
JAPN 1111	Japanese Culture and Civilization	WLC 1T**	3
JAPN 1200	Beginning Japanese 2	WLC 1T**	5
JAPN 2096	Internship in Japanese	WLC 2T**	2-4
JAPN 2100	Intermediate Japanese 1	WLC 2T**	5
JAPN 2200	Intermediate Japanese 2	WLC 2T**	5

### MATHEMATICS

MATH 0601-0630	By Title	MATH 25	No Credit
*MATH 0700	Intermediate Algebra	MATH 100Z	3

*\*Transfer credit in MATH 100Z does not count toward graduation.*

MATH 0900	Individualized Skill Development in Mathematics		No Credit
MATH 0990	STATWAY Statistics 1		No Credit
<b>MATH 0995</b>	<b>Math Skills for Accelerated STATWAY</b>		<b>No Credit</b>
MATH 1020	Mathematics for Liberal Arts	MATH 1T**	3
*MATH 1055	Elements of Mathematics 1	MATH 1T**	4
*MATH 1065	Elements of Mathematics 2	MATH 1T**	4

*\*When MATH 1055 and MATH 1065 are both taken, the courses will transfer as MATH 195 (4) and MATH 196 (4).*

MATH 1080	Introduction to Statistics	STAT 101	4
MATH 1090	STATWAY Statistics 2	STAT 1T**	4
<b>MATH 1095</b>	<b>STATWAY Statistics Accelerated</b>	<b>STAT 1T**</b>	<b>4</b>
MATH 1100	College Algebra	MATH 140	4
MATH 1150	Trigonometry	MATH 1T**	4
MATH 1200	Finite Mathematics	MATH 104	4
MATH 1400	Survey of Calculus	MATH 151	4
MATH 1500	Pre-Calculus	MATH 1T**	5
MATH 1510	Calculus 1	MATH 165	5
MATH 1520	Calculus 2	MATH 166	5
MATH 1900	Topics in Mathematics	MATH 1T**	1-3

**MATHEMATICS, continued**

MATH 2011	Discrete Structures of Computer Science	MATH 2T**	4
MATH 2031	Introduction to Numerical Computing	MATH 2T**	4
MATH 2033	Elementary Computational Linear Algebra	MATH 2T**	4
MATH 2080	Statistical Modeling	STAT 2T**	3
MATH 2096	Internship in Mathematics	MATH 1T**	2-4
MATH 2400	Probability & Statistics with Calculus	STAT 105	4
MATH 2510	Calculus 3: Multivariable Calculus	MATH 265	5
MATH 2520	Calculus 4: Differential Equations w/Linear Algebra	MATH 267	5
MATH 2700	Foundations of Mathematics and Logic	MATH 2T**	4
MATH 2900	Topics in Mathematics	MATH 2T**	1-4

**MUSIC**

MUSC 1100	Individualized Music Instruction	MUSIC 1T**	2
MUSC 1113	Concert Choir	MUSIC 1T**	1
MUSC 1116	Concert Band	MUSIC 1T**	1
MUSC 1118	Orchestra	MUSIC 1T**	1
MUSC 1120	Fundamentals of Music	MUSIC 101	3
MUSC 1121	Introduction to World Music	HUM 1T**	3
MUSC 1122	Intro to Music	MUSIC 102	3
MUSC 1123	Jazz History	MUSIC 1T**	3
MUSC 1124	Rock & Roll History	MUSIC 1T**	3
MUSC 1127	Class Piano: Non-Majors	MUSIC 1T**	2
MUSC 1131, 1132	Music Theory 1, 2	MUSIC 1T**	3 each
MUSC 1141	Vocal Ensemble	MUSIC 1T**	1
MUSC 1142	Guitar Ensemble	MUSIC 1T**	1
MUSC 1143	Piano Ensemble	MUSIC 1T**	1
MUSC 1144	Instrumental Ensemble	MUSIC 1T**	1
MUSC 1145	Jazz Ensemble	MUSIC 1T**	1
MUSC 1146	Jazz Combo	MUSIC 1T**	1
MUSC 1151	Applied Music 1	MUSIC 1T**	2
MUSC 1156	Guitar 1: Class Lessons	MUSIC 1T**	2
MUSC 1157, 1158	Class Piano 1, 2	MUSIC 1T**	2 each
MUSC 1161	Voice Class	MUSIC 1T**	2
MUSC 1166	Guitar 2: Class Lessons	MUSIC 1T**	2
MUSC 1170	Jazz Improvisation 1	MUSIC 1T**	2
MUSC 1175	Introduction to Finale: Music Notation Software	MUSIC 1T**	1
MUSC 1176	Intro to Music Tech 1	MUSIC 1T**	2
MUSC 1181, 1182	Ear Training 1, 2	MUSIC 1T**	2 each
MUSC 1190, 1191	Diction for Singers 1, 2	MUSIC 1T**	2 each
MUSC 1900	Topics in Music	MUSIC 1T**	1-4
MUSC 2096	Internship in Music	MUSIC 2T**	2-8
MUSC 2231, 2232	Music Theory 3, 4	MUSIC 2T**	3 each
MUSC 2245, 2246	Music History 1, 2	MUSIC 2T**	3 each
MUSC 2251	Applied Music 2	MUSIC 2T**	2
MUSC 2270	Jazz Improvisation 2	MUSIC 2T**	2
MUSC 2276	Intro to Music Tech 2	MUSIC 2T**	2
MUSC 2281, 2282	Ear Training 3, 4	MUSIC 2T**	2 each
MUSC 2900	Topics in Music	MUSIC 2T**	1-4

**NANOTECHNOLOGY**

NANO 1900-2900	By Title	CAREER/TECH	
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NORMANDEALE COMMUNITY COLLEGE		ISU EQUIVALENT	CREDITS
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**NCC ALL-COLLEGE**

NCC 1000	Paths to College Success	PSYCH 1T**	1
NCC 2096	Internship in NCC All-College	XXX 2T**	2-4

**NURSING**

NURS 1057-2950	By Title	CAREER/TECH	
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**PHILOSOPHY**

PHIL 1101	Introduction to Philosophy	PHIL 201	3
PHIL 1102	Logic	PHIL 206	3
PHIL 1103	Ethics	PHIL 230	3
PHIL 1105	Philosophy of Religion	RELIG 2T**	3
PHIL 1140	Environmental Ethics	PHIL 1T**	3
PHIL 1150	Introduction to World Religions	RELIG 205	3
PHIL 1160	Philosophy of Art	PHIL 1T**	3
PHIL 1170	Business Ethics	PHIL 1T**	3
PHIL 1180	Biomedical Ethics	PHIL 1T**	3
PHIL 1190	Ethics for the Digital Age	PHIL 1T**	3
PHIL 1900	Topics in Philosophy	PHIL 1T**	1-4
PHIL 2096	Internship in Philosophy	PHIL 2T**	2-4
PHIL 2900	Topics in Philosophy	PHIL 2T**	1-4

**PHYSICS**

PHYS 1001	Energy, Climate & Physics in Society	PHYS 101	3
PHYS 1002	Energy, Climate & Physics in Society Lab	PHYS 1T**	1
PHYS 1050	Survey of Classical Physics	PHYS 106	4
PHYS 1104	Descriptive Astronomy	ASTRO 120	3
PHYS 1110	College Physics I	PHYS 131	3
		PHYS 131L	1
PHYS 1111	College Physics 2	PHYS 132	3
		PHYS 132L	1
PHYS 1114	Introductory Astronomy	ASTRO 150	4
PHYS 1121	Physics I for Scientists and Engineers	PHYS 231	4
		PHYS 231L	1
PHYS 1122	Physics 2 for Scientists and Engineers	PHYS 232	4
		PHYS 232L	1
PHYS 1201	Physics with Biomedical Applications 1	PHYS 1T**	4
PHYS 1202	Physics with Biomedical Applications 2	PHYS 1T**	4
PHYS 1900	Topics in Physics	PHYS 1T**	1-4
PHYS 2096	Internship in Physics	PHYS 2T**	2-4
PHYS 2250	Modern Physics	PHYS 2T**	4
PHYS 2900	Topics in Physics	PHYS 2T**	1-4

**PRIOR LEARNING ASSESSMENT AT NORMANDEALE**

PLAN 1030	Work/Life Planning		No Credit
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**POLITICAL SCIENCE**

POLS 1130	Introduction to U.S. Politics	POL S 215	3
POLS 1132	Introduction to Comparative Politics	POL S 241	3
POLS 1133	Middle East Politics	POL S 1T**	3
POLS 1135	Introduction to Political Ideas	POL S 1T**	3
POLS 1150	Introduction to World Politics and Globalization	POL S 1T**	3
POLS 1152	Model United Nations	POL S 1T**	3

**POLITICAL SCIENCE, continued**

POLS 1195	Conflict and Negotiation	POL S 1T**	3
POLS 1900	Topics in Political Science	POL S 1T**	1-4
POLS 2096	Internship in Political Science	POL S 2T**	2-4
POLS 2250	Constitutional Law	POL S 2T**	3
POLS 2900	Topics in Political Science	POL S 2T**	1-4

**PSYCHOLOGY**

PSYC 1100	Psychology of Modern Life	PSYCH 1T**	3
PSYC 1106	Psychology of Women	PSYCH 1T**	3
PSYC 1108	Psychology of Death and Dying	HD FS 2T**	3
PSYC 1109	Child & Adolescent Development	PSYCH 1T**	3
PSYC 1110	Introduction to Psychology	PSYCH 101	4
PSYC 1120	Psychology of Human Sexuality	HD FS 276	3
PSYC 1140	Psychology of Gender	PSYCH 1T**	3
PSYC 1220	Psychology of Adulthood and Aging	PSYCH 1T**	3
PSYC 1900	Topics in Psychology	PSYCH 1T**	1-4
PSYC 2096	Internship in Psychology	PSYCH 2T**	2-4
PSYC 2100	Statistics for the Behavioral Sciences	PSYCH 2T**	4
PSYC 2200	Abnormal Psychology	PSYCH 2T**	3
PSYC 2210	Developmental Psychology: Life Span	PSYCH 230	4
PSYC 2300	Psychology of Personality	PSYCH 2T**	3
PSYC 2400	Psychology of Religion and Spirituality	PSYCH 2T**	3
PSYC 2500	Biopsychology	PSYCH 2T**	3
PSYC 2600	Intro to Social Psychology	PSYCH 280	3
PSYC 2900	Topics in Psychology	PSYCH 2T**	1-4

**READING**

READ 0860-0961	By Title		No Credit
READ 1104	College Study Strategies	PSYCH 1T**	3
READ 1106	Critical Reading Skills	ENGL 1T**	3
READ 1110	Study & Thinking Skills in Acad Disciplines	PSYCH 131	2
READ 1230	MN Teacher Licensure Examination Rdg Seminar	EDUC 1T**	1
READ 2096	Internship in Reading	ENGL 2T**	2-4

**SOCIOLOGY**

SOC 1100	Modern Society: Everyday Life in U.S. of America	SOC 1T**	3
SOC 1101	Cultural Diversity	SOC 1T**	3
SOC 1102	Love, Sex and Family	SOC 219	3
SOC 1103	Social Change in Action and Service Learning	SOC 1T**	2-3
SOC 1104	Introduction to Sociology	SOC 134	3
SOC 1106	Social Problems in a Changing World	SOC 235	3
SOC 1109	Wealth and Poverty	SOC 1T**	3
SOC 1115	Sociology of Sex Roles and Gender Roles	SOC 1T**	3
SOC 1116	Popular Culture and Media Sociology	SOC 1T**	3
SOC 1120	Introduction to Women's Studies	WGS 201	3
SOC 1121	Women Across Cultures	WGS 1T**	3
SOC 1900	Topics in Sociology	SOC 1T**	3
SOC 2096	Internship in Sociology	SOC 2T**	2-4
SOC 2108	Social Psychology	PSYCH 280	3
SOC 2110	American Minority Relations	SOC 2T**	3
SOC 2112	Criminology	C J 242	3
SOC 2114	Families in Crisis	SOC 2T**	3

**SOCIOLOGY, continued**

SOC 2125	Social Deviance	SOC 2T**	3
SOC 2130	Introduction to Criminal Justice	C J 2T**	3
SOC 2131	Juvenile Justice	SOC 241	3
SOC 2132	Police and Community	SOC 2T**	3
SOC 2133	Community Crime Prevention	C J 2T**	3
SOC 2134	Corrections	SOC 2T**	3
SOC 2900	Topics in Sociology	SOC 2T**	1-4

**SOMALI**

SMLI 1100	Beginning Somali 1	WLC 1T**	5
SMLI 1111	Somali Civilization and Culture	WLC 1T**	3
SMLI 1200	Beginning Somali 2	WLC 1T**	5
SMLI 2100	Intermediate Somali 1	WLC 2T**	5
SMLI 2200	Intermediate Somali 2	WLC 2T**	5

**SPANISH**

SPAN 1100	Beginning Spanish 1	SPAN 101	5
SPAN 1101	Introduction to Interpreting and Translation	SPAN 1T**	2
SPAN 1111	Spanish Culture and Civilization	SPAN 1T**	3
SPAN 1120	Spanish for Educators 1	SPAN 1T**	3
SPAN 1200	Beginning Spanish 2	SPAN 102	5
SPAN 1220	Spanish for Educators 2	SPAN 1T**	3
SPAN 2096	Internship in Spanish	SPAN 2T**	2-4
SPAN 2100	Intermediate Spanish 1	SPAN 201	5
SPAN 2200	Intermediate Spanish 2	SPAN 202	5
SPAN 2210	Advanced Communication Skills	SPAN 2T**	3

**THEATRE**

THTR 1101	Voice and Movement	THTRE 1T**	3
THTR 1111	Introduction to Cinema	JL MC 1T**	3
THTR 1116	Introduction to Theatre	THTRE 106	3
THTR 1117	Introduction to Television and Digital Media	THTRE 1T**	3
THTR 1118	Theatre in the Twin Cities	THTRE 1T**	3
THTR 1120	Theatre Performance Practicum	THTRE 1T**	1
THTR 1122	Technical Theatre Practicum	THTRE 1T**	1
THTR 1125	Drawing and Rendering	THTRE 1T**	3
THTR 1130	Costume Construction	THTRE 1T**	3
THTR 1135	Stage Makeup	THTRE 1T**	2
THTR 1140	Stagecraft	THTRE 1T**	3
THTR 1145	Introduction to Stage Lighting and Sound	THTRE 1T**	3
THTR 1151	Acting 1	THTRE 251	3
THTR 1900	Topics in Theatre Studies	THTRE 1T**	3
THTR 2020	Basic Design for the Stage	THTRE 2T**	3
THTR 2096	Internship in Theatre	THTRE 2T**	2-4
THTR 2111	World Cinema	THTRE 2T**	3
THTR 2150	Script Analysis	THTRE 263	3
THTR 2151	Acting 2	THTRE 2T**	3
THTR 2160	Audition Techniques	THTRE 2T**	3
THTR 2520	Stage Management	THTRE 2T**	3
THTR 2550	Directing 1	THTRE 2T**	3

**VACUUM TECHNOLOGY**

VACT 1010-2297 By Title

CAREER/TECH

**WOMEN'S STUDIES**

WMST 1120 Introduction to Women's Studies  
 WMST 1121 Women Across Cultures  
 WMST 2096 Internship in Women's Studies

WGS 201 3  
 WGS 1T\*\* 3  
 WGS 2T\*\* 2-4