

Course Equivalency Guide

between

Iowa State University
800 262-3810
www.iastate.edu

and

Rochester Community and Technical College
800 247-1296
www.rctc.edu

***Based on the Rochester Community and Technical College 2020-2021 General Catalog
and the 2020-2021 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.

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

ACCOUNTING

ACCT 1101	Introduction to Accounting	ACCT 1T**	3
ACCT 1415-1814	By Title	CAREER/TECH	
ACCT 2217	Financial Accounting	ACCT 284	4
ACCT 2218	Managerial Accounting	ACCT 285	4
ACCT 2234-2850	By Title	CAREER/TECH	

AUTOMOTIVE MECHANIC TECHNICIAN

AMT 1710-2770	By Title	CAREER/TECH	
---------------	----------	-------------	--

ANTHROPOLOGY

ANTH 1612	Cultural Anthropology	ANTHR 201	3
ANTH 1613	Folklore of the Americas and Beyond	ANTHR 1T**	3

ADMINISTRATIVE OFFICE PROFESSIONAL

AOP 1001-2870	By Title	CAREER/TECH	
---------------	----------	-------------	--

ARABIC

ARAB 1101	Beginning Arabic I	ARABC 101	4
ARAB 1102	Beginning Arabic II	ARABC 102	4
ARAB 2101	Intermediate Arabic I	ARABC 201	4
ARAB 2102	Intermediate Arabic II	ARABC 202	4

ART

ART 1010	Introduction to Art	ART 1T**	3
ART 1110	Art Appreciation	ART 1T**	3
ART 1111	Art History Survey I	ART H 280	3
ART 1112	Art History Survey II	ART H 281	3
ART 1120	Computer as a Creative Media	ART 1T**	3
ART 1121	2D Design	ART 1T**	3
ART 1123	3D Design	ART 1T**	3
ART 1124	Graphic Design I	ART 1T**	3
ART 1130	Digital Art I	ART 1T**	3
ART 1131	Presentation Graphics	ART 1T**	3
ART 1134	Drawing I	ART 1T**	3
ART 1144	Painting I	ART 1T**	3
ART 1164	Ceramics I	ART 1T**	3
ART 1184	Photography I	ART 1T**	3
ART 1212	Figure Drawing	ART 1T**	3
ART 1223	Typography	ART 1T**	3
ART 1232-1233	Web Design I, II	ART 1T**	3 each
ART 1290	Media Arts	ART 1T**	3
ART 2224	Graphic Design II	ART 2T**	3
ART 2230	Digital Art II	ART 2T**	3
ART 2234	Drawing II	ART 2T**	3
ART 2240-2241	Motion Graphics I, II	ART 2T**	3 each
ART 2244	Painting II	ART 2T**	3
ART 2264	Ceramics II	ART 2T**	3
ART 2280	Photography II	ART 2T**	3
ART 2281	Art Portfolio	ART 2T**	2
ART 2286	Photo Lighting Techniques	ART 2T**	3
ART 2292	Directed Studio	ART 2T**	1-4

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

AMERICAN SIGN LANGUAGE

ASL 1107	American Sign Language I	ASL 105	3
ASL 1108	American Sign Language II	ASL 106	3

AVIATION

AVIA 1100-2610	By Title	CAREER/TECH	
----------------	----------	-------------	--

BIOLOGY

BIOL 1100	Environmental Biology	BIOL 173	3
BIOL 1101	Elements of Biology	BIOL 101	3
BIOL 1102	Plant Biology	BIOL 1T**	3
BIOL 1107	Fundamentals of Anatomy & Physiology	BIOL 155	4
BIOL 1110	Human Biology	BIOL 1T**	4
BIOL 1211	Principles of Nutrition	FS HN 167	3
BIOL 1215	Anatomy & Physiol Cardiovascular & Lymph Syst	BIOL 1T**	1
BIOL 1216	Anatomy & Physiol Nervous & Resp System	BIOL 1T**	2
*BIOL 1217	Anatomy & Physiology I	BIOL 1T**	4
*BIOL 1218	Anatomy & Physiology II	BIOL 1T**	4

**When BIOL 1217 and BIOL 1218 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIOL 1219	Anatomy & Physiology of the Nervous System	BIOL 1T**	1
*BIOL 1220	General Biology I	BIOL 2T**	4
*BIOL 1230	General Biology II	BIOL 2T**	4

**When BIOL 1220 and BIOL 1230 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIOL 1300	Applications of GIS Technology	BIOL 1T**	3
BIOL 1310	Environmental Science Seminar	ENSCI 1T**	2
BIOL 1400	Environmental Science Internship	ENSCI 1T**	2
BIOL 2000	Ecology	BIOL 2T**	4
BIOL 2020	Introduction to Molecular Biology Methods	BBMB 2T**	
BIOL 2021	General Microbiology	MICRO 2T**	4
BIOL 2200	General Zoology	BIOL 2T**	4
BIOL 2291	Specially Designed Independent Study	BIOL 2T**	1
BIOL 2300	Genetics	BIOL 2T**	4
BIOL 2920	General Biology I: Honors	BIOL 2T**	4

**When BIOL 2920 and BIOL 1230 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BUILDING UTILITIES MECHANIC

BU 1500-2661	By Title	CAREER/TECH	
--------------	----------	-------------	--

BUSINESS

BUS 1101	Introduction to Business	BUSAD 1T**	3
BUS 1144-2143	By Title	CAREER/TECH	
BUS 2144	E-Business Management	BUSAD 2T**	3
BUS 2150	Global Business	BUSAD 2T**	3
BUS 2201	Principles of Marketing	MKT 2T**	3
BUS 2202	Consumer Promotions and Digital Marketing	CAREER/TECH	
BUS 2210	Leval Environment of Business	ACCT 2T**	3
BUS 2212	Business and Economic Statistics	STAT 2T**	4
BUS 2214	Retailing	MKT 2T**	3

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

BUSINESS, continued

BUS 2215	Salesmanship	CAREER/TECH	
BUS 2232	Principles of Management	MGMT 2T**	3
BUS 2235	Organizational Dynamics	MGMT 2T**	3
BUS 2240-2509	By Title	CAREER/TECH	

COMPUTER AIDED DRAFTING

CAD 1039-2460	By Title	CAREER/TECH	
---------------	----------	-------------	--

CAREER ORIENTATION

CAOR 0900	RCTC New Student Welcome Day		No Credit
CAOR 1103	Career Exploration Workshop	U ST 1T**	1

CHEMISTRY

CHEM 1031	Introduction to Forensic Chemistry	CHEM 1T**	3
CHEM 1100	Chemistry and Our World	CHEM 160	3
CHEM 1101	Elements of Chemistry	CHEM 1T**	3
CHEM 1116	Brief Introduction to Organic Chemistry	CHEM 1T**	1
CHEM 1117	General, Organic and Biological Chemistry I	CHEM 1T**	4
CHEM 1118	General, Organic and Biological Chemistry II	CHEM 1T**	4
CHEM 1127	Chemical Principles I	CHEM 177	3
	Chemical Principles I Lab	CHEM 177L	1
CHEM 1128	Chemical Principles II	CHEM 178	3
	Chemical Principles II Lab	CHEM 178L	1
CHEM 2100	Survey of Organic Chemistry	CHEM 231	4
CHEM 2127	Organic Chemistry I	CHEM 331	4
	Organic Chemistry I Lab	CHEM 331L	1
CHEM 2128	Organic Chemistry II	CHEM 332	4
	Organic Chemistry II Lab	CHEM 332L	1
CHEM 2291	Organic Chemistry II Lab	CHEM 2T**	1
CHEM 2292	General Chemistry Lab	CHEM 2T**	Variable Credit
CHEM 2297	Chemistry Research	CHEM 2T**	1
CHEM 2800	Biochemistry	CHEM 2T**	3

CHINESE

CHIN 1101	Beginning Chinese I	CHIN 101	4
CHIN 1102	Beginning Chinese II	CHIN 102	4

COMMUNITY HEALTH WORKER

CHW 1000-1060	By Title	CAREER/TECH	
---------------	----------	-------------	--

COMMUNICATION STUDIES

COMM 1000	Introduction to Workplace Communication	CAREER/TECH	
COMM 1106	Cinema as Communication	ENGL 1T**	3
COMM 1110	Introduction to Mass Communication	JL MC 101	3
COMM 1114	Fundamentals of Public Speaking	SP CM 212	3
COMM 1125	Oral Interpretation of Literature	THRE 1T**	3
COMM 1130	Interpersonal Communication	COMST 102	3
COMM 1337	Social Media	JL MC 1T**	3
COMM 2100	Intercultural Communication	COMST 2T**	3
COMM 2130	Team/Small Group Communication	COMST 2T**	3
COMM 2214	Professional Communication	COMST 214	3
COMM 2220	Communication and Gender	SP CM 2T**	3

ROCHESTER COMMUNITY & TECHNICAL COLLEGE		ISU EQUIVALENT	CREDITS
---	--	----------------	---------

COMMUNICATION STUDIES, continued

COMM 2292	Communication Activity	COMM 2T**	1-3
COMM 2299	Special Topics in Communication Studies	COMST 2T**	1-3

COMPUTER SCIENCE

COMP 1112	Introduction to Computers with Applications	COM S 103	3
COMP 1140	Introduction to Database and SQL	CAREER/TECH	
COMP 1150	Computer Science Concepts	COM S 1T**	3
COMP 1731	Programming for the Internet	COM S 1T**	3
COMP 1741	JavaScript	COM S 1T**	3
COMP 1751	Mobile Application Development	COM S 1T**	3
COMP 2243	Programming and Problem Solving	COM S 2T**	4
COMP 2247	Algorithms and Data Structures	COM S 2T**	4
COMP 2275	Computer Architecture	COM S 2T**	4

CARPENTRY

CR 1600-1637	By Title	CAREER/TECH	
--------------	----------	-------------	--

CRIMINAL JUSTICE

CRJU 1305	Introduction to Criminal Justice	CJ ST 1T**	3
CRJU 1308	Introduction to Corrections	CJ ST 1T**	3
CRJU 2122	Criminal Procedure	CJ ST 2T**	3
CRJU 2127	Juvenile Law and Procedure	CJ ST 241	3
CRJU 2215	Homeland Security/Defense	CJ ST 2T**	3
CRJU 2310	Special Topics in Criminal Justice	CJ ST 2T**	3
CRJU 2315	Community Corrections & Probation	CJ ST 2T**	3

DENTAL ASSISTANT

DA 1200-2292	By Title	CAREER/TECH	
--------------	----------	-------------	--

DANCE

DANC 1101	Ballet I	DANCE 130	3
DANC 1102	Modern I	DANCE 120	3
DANC 1103	Jazz I	DANCE 140	3
DANC 1125	Dance Appreciation	DANCE 1T**	3

DENTAL HYGIENE

DH 1510-2542	By Title	CAREER/TECH	
--------------	----------	-------------	--

ENGLISH FOR ACADEMIC PURPOSES

EAP 0800-0850	By Title		No Credit
EAP 1000	English Pronunciation & Spelling For Careers	ENGL 101	2

EARLY CHILDHOOD CARE AND EDUCATION

ECCE 1001	Introduction to Early Childhood Care & Education	E C P 1T**	3
ECCE 1210	Child Growth and Development	E C P 1T**	3
ECCE 1220	Health, Safety and Wellness	E C P 1T**	3
ECCE 1232	Positive Guidance & Social-Emotional Dev	E C P 1T**	3
ECCE 1235	International Teaching through Learning Env	E C P 1T**	3
ECCE 1320	Observing and Assessing	E C P 1T**	3
ECCE 1505	Family Relations	E C P 1T**	3
ECCE 2110	Diversity and Human Relations	E C P 2T**	3
ECCE 2250	Foundations of Language and Literacy	E C P 2T**	3

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

EARLY CHILDHOOD CARE AND EDUCATION, continued

ECCE 2630	Teaching Young Children with Special Needs	SP ED 2T**	3
ECCE 2810	Practicum I	E C P 2T**	3

ECONOMICS

ECON 1101	Introduction to Economics	ECON 1T**	3
ECON 2214	Principles of Economics: Micro	ECON 101	4
ECON 2215	Principles of Economics: Macro	ECON 102	4

EMERGENCY MEDICAL CARE

EMC 1121	First Responder	CAREER/TECH	
----------	-----------------	-------------	--

EMERGENCY MEDICAL TECHNOLOGY

EMT 1200	Emergency Medical Technician	CAREER/TECH	
----------	------------------------------	-------------	--

ENGLISH

ENGL 0960	Introduction to College Writing II		No Credit
ENGL 1109	Intro to Professional & Technical Communication	ENGL 1T**	3
ENGL 1117	Reading and Writing Critically I	ENGL 150	4
ENGL 1118	Reading and Writing Critically II	ENGL 250	4
ENGL 1121	Mythology & Ancient Legend	ENGL 1T**	3
ENGL 1125	Women's Perspectives	ENGL 1T**	3
ENGL 1150	Introduction to Creative Writing	ENGL 207	3
ENGL 1630	English Grammar for Careers	ENGL 1T**	3
ENGL 2230	Minnesota Literature	ENGL 1T**	3
ENGL 2252	Writing Poetry	ENGL 2T**	3
ENGL 2255	Shakespeare: Screen, Stage, and Page	ENGL 2T**	3
ENGL 2260	Special Topics in Literature	ENGL 2T**	1-4
ENGL 2273	Early American Literature	ENGL 227	3
ENGL 2274	Modern American Literature	ENGL 228	3
ENGL 2276	Introduction to Literary Studies: Best Sellers	ENGL 2T**	3
ENGL 2277	Women's Literature	ENGL 2T**	3
ENGL 2282	Dystopian Literature	ENGL 2T**	3
ENGL 2283	African American Literature	ENGL 2T**	3
ENGL 2284	Literature and the Environment	ENGL 2T**	3
ENGL 2290	Fiction Writing	ENGL 2T**	3
ENGL 2297	Children's Literature	HD FS 240	3
ENGL 2298	Young Adult Literature	ENGL 2T**	3
ENGL 2978	The Bible as Literature: Honors	ENGL 2T**	3

ENGINEERING

ENGR 1101	Introduction to Engineering	ENGR 1T**	2
ENGR 1152	Logic Design	ENGR 1T**	4
ENGR 2211	Statics	C E 274	3
ENGR 2212	Dynamics	M E 345	3
ENGR 2213	Linear Circuit Analysis I	E E 2T**	4
ENGR 2214	Linear Circuit Analysis II	E E 2T**	4
ENGR 2221	Deformable Body Mechanics	E M 2T**	3

EARTH SCIENCE

ESCI 1004	Earthquakes and Volcanoes	GEOL 1T**	3
ESCI 1101	Principles of Geoscience	GEOL 100	2
	Principles of Geoscience Lab	GEOL 100L	1

ROCHESTER COMMUNITY & TECHNICAL COLLEGE		ISU EQUIVALENT	CREDITS
---	--	----------------	---------

EARTH SCIENCE, continued

ESCI 1114	Minnesota Rocks and Waters with Lab	GEOL 1T**	4
ESCI 1115	Historical Geology	GEOL 102	3
	Historical Geology Lab	GEOL 102L	1
ESCI 1124	Solar System Astronomy	ASTRO 120	3
	Solar System Astronomy Lab	ASTRO 125L	1
ESCI 1134	Stellar Astronomy	ASTRO 150	3
ESCI 1144	Introduction to Environmental Geology	GEOL 101	4
ESCI 1154	Introduction to Meteorology	MTEOR 206	3

FRENCH

FREN 1101	Beginning French I	FRNCH 101	4
FREN 1102	Beginning French II	FRNCH 102	4
FREN 1111	French Conversation Topics	FRNCH 1T**	2
FREN 2101	Intermediate French I	FRNCH 201	3
FREN 2102	Intermediate French II	FRNCH 202	3

FIRST YEAR EXPERIENCE

FYEX 1000	College Success Strategies	PSYCH 131	1
-----------	----------------------------	-----------	---

GEOGRAPHY

GEOG 1614	Human Geography	S SCI 1T**	3
GEOG 1615	Economic Geography	S SCI 1T**	3

HEALTH CARE CORE CURRICULUM

HCCC 1120	Advanced Phlebotomy Techniques	CAREER/TECH	
-----------	--------------------------------	-------------	--

HEALTHCARE OFFICE PROFESSIONAL

HCOP 1610-1640	By Title	CAREER/TECH	
----------------	----------	-------------	--

HEALTH INFORMATION MANAGEMENT CAREERS

HIMC 1820-2870	By Title	CAREER/TECH	
----------------	----------	-------------	--

HISTORY

HIST 1613	Western Civ I: Ancient Times to 1715	HIST 201	3
HIST 1614	Western Civ II: The Modern Age 1715-Present	HIST 202	3
HIST 1617	World History to 1500	HIST 201	3
HIST 1618	World History Since 1500	HIST 202	3
HIST 1622	Minnesota History	HIST 1T**	3
HIST 1624	U.S. History to 1865	HIST 221	3
HIST 1625	U.S. History 1865-Present	HIST 222	3
HIST 1789	History of the American Presidency	HIST 1T**	3
HIST 2070	History of the Rock and Roll Era	HIST 2T**	3
HIST 2925	U.S. History 1865-Present: Honors	HIST 222	3

HEALTH

HLTH 1102	Industrial Safety and First Aid	H S 1T**	2
HLTH 1108	Weight Management Nutrition & Fitness	KIN 1T**	3
HLTH 1109	Community CPR/First Aid and Safety	H S 1T**	2
HLTH 1110	CPR/AED Professional Rescuer-Health Care Prov	H S 2T**	1
HLTH 1111	Health Education	H S 110	3
HLTH 1114	Responding to Emergencies	H S 1T**	3
HLTH 1132	Drug Use and Abuse	H S 215	3

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

HEALTH continued

HLTH 1135	Holistic Health: Intro Complementary Health	CAREER/TECH	
HLTH 2126	Women's Health Issues	H S 2T**	3

HONORS

HONR 2900	Honors Capstone	LAS 2T**	
-----------	-----------------	----------	--

HORTICULTURE

HORT 1310	Soil Science	AGRON 1T**	3
HORT 1315	Plant Materials I - Woody Plants	HORT 240	3
HORT 1318	Introduction to Turfgrass Management	HORT 1T**	3
HORT 1320	Plant Materials II - Herbaceous Plants	HORT 330	3
HORT 1322	Turf and Landscape Management	CAREER/TECH	
HORT 1323	Introduction to Horticulture	HORT 221	3
HORT 1325-2303	By Title	CAREER/TECH	
HORT 2330	Plant Propagation	HORT 322	4
HORT 2332-2342	By Title	CAREER/TECH	
HORT 2350	Integrated Plant/Pest Management	HORT 1T**	2
HORT 2390	Global Horticulture	HORT 1T**	2

HUMAN SERVICES TECHNICIAN

HS 1522-1787	By Title	CAREER/TECH	
--------------	----------	-------------	--

HUMANITIES

HUM 1001	Introduction to Hispanic Cultures	HUM 1T**	3
HUM 1111	Greek & Roman Culture & Middle Ages	HUM 1T**	3
HUM 1112	The Renaissance through the Enlightenment	HUM 1T**	3
HUM 1113	The Romantic Age to the Present	HUM 1T**	3
HUM 1131	Introduction to the Humanities	HUM 1T**	3
HUM 1141	Brave New Worlds: Humanities & Contemp Cltre	HUM 1T**	3
HUM 1190	Native American Studies	AM IN 210	3
HUM 1500	Compassion Studies	HUM 1T**	3
HUM 1600	Civility	HUM 1T**	3
HUM 1841	Studies in Leadership	HUM 1T**	4
HUM 2121	Women's Issues Around the World	W S 2T**	3
HUM 2255	Shakespeare: Screen, Stage, and Page	ENGL 2T**	4

INFORMATION STUDIES

INFS 2915	Introduction to Information Literacy: Honors	LIB 1T**	1
-----------	--	----------	---

LAW ENFORCEMENT

LAWE 1105	Introduction to Law Enforcement	CJ ST 1T**	3
LAWE 2140-2250	By Title	CAREER/TECH	

LAW ENFORCEMENT SKILLS

LAWS 2101-2105	By Title	CAREER/TECH	
----------------	----------	-------------	--

MATHEMATICS

MATH 0093	Pre-Algebra		No Credit
MATH 0094	Elementary Algebra with Arithmetic Review	MATH 25	No Credit
MATH 0098	Elementary Algebra	MATH 25	No Credit
*MATH 0099	Intermediate Algebra	MATH 100Z	4

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

MATHEMATICS, continued

*MATH 0100	Combined Elementary & Intermediate Algebra	MATH 25 MATH 100Z	No Credit 2.5
------------	--	----------------------	------------------

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

MATH 0990	Statway Statistics I		No Credit
MATH 1015-1090	By Title	CAREER/TECH	
MATH 1111	Contemporary Concepts in Mathematics	MATH 1T**	3
MATH 1113	Finite Math with College Algebra	MATH 1T**	4
MATH 1115	College Algebra	MATH 140	3
MATH 1117	Precalculus	MATH 1T**	4
MATH 1119	Applied Calculus	MATH 151	3
MATH 1127	Calculus I	MATH 165	5
MATH 1128	Calculus II	MATH 166	5
MATH 2208	Fundamentals of Statistics	STAT 101	4
MATH 2218	Discrete Mathematics	MATH 2T**	4
MATH 2237	Multivariable and Vector Calculus	MATH 265	5
MATH 2238	Differential Equations & Linear Algebra	MATH 2T**	5
MATH 2350	Introduction to Mathematical Statistics	STAT 2T**	4

MASS COMMUNICATION

MCOM 1190	TV/Media Production	JL MC 1T**	3
MCOM 1245	Writing for Mass Media	JL MC 1T**	3
MCOM 2210	Introduction to Public Relations	P R 1T**	3
MCOM 2294	Mass Communication Internship	JL MC 2T**	4

MUSIC

MUSC 1001	Music Fundamentals	MUSIC 1T**	3
MUSC 1002	Music, Video, Lights	MUSIC 1T**	3
MUSC 1003	Music, Video, Lights II	MUSIC 1T**	3
MUSC 1005	Music Production	MUSIC 1T**	3
MUSC 1101	Music Appreciation	MUSIC 102	3
MUSC 1201	History of Music to 1600	MUSIC 1T**	3
MUSC 1202	History of Music since 1600	MUSIC 1T**	3
MUSC 1221	Popular Music in the United States	MUSIC 1T**	3
MUSC 1231	Introduction to World Music	MUSIC 1T**	3
MUSC 1241	Movies and Composers	MUSIC 1T**	3
MUSC 1301	Concert Choir	MUSIC 1T**	1
MUSC 1302	Concert Band	MUSIC 1T**	1
MUSC 1321	AIRES	MUSIC 1T**	1
MUSC 1322	Jazz Band	MUSIC 1T**	2
MUSC 1331	Vocal Ensemble	MUSIC 1T**	1
MUSC 1332	Instrumental Ensemble	MUSIC 1T**	2
MUSC 1340	World Drum Ensemble	MUSIC 1T**	1
MUSC 1350	Marching Percussion Ensemble	MUSIC 1T**	1
MUSC 1401	Beginning Class Piano	MUSIC 1T**	2
MUSC 1402	Intermediate Class Piano	MUSIC 1T**	2
MUSC 1421	Beginning Class Voice	MUSIC 1T**	2
MUSC 1422	Intermediate Class Voice	MUSIC 1T**	2
MUSC 1431	Beginning Class Guitar	MUSIC 1T**	2
MUSC 1440	Applied Music - Instrumental: String	MUSIC 1T**	1
MUSC 1450	Applied Music - Vocal	MUSIC 1T**	1
MUSC 1460	Applied Music - Instrumental: Piano	MUSIC 1T**	1

MUSIC, continued

MUSC 1470	Applied Music - Instrumental: Woodwind	MUSIC 1T**	1
MUSC 1480	Applied Music - Instrumental: Brass	MUSIC 1T**	1
MUSC 1490	Applied Music - Instrumental: Percussion	MUSIC 1T**	1
MUSC 1501-1502	Musicianship I, II	MUSIC 1T**	4 each
MUSC 1601	Electronic Music Composition I	MUSIC 1T**	3
MUSC 1602	Electronic Music Composition II	MUSIC 1T**	2
MUSC 1621-1622	Audio Production I, II	MUSIC 1T**	3 each
MUSC 1623	Concert Recording and Sound Reinforcement	MUSIC 1T**	2
MUSC 2450	Vocal Performance Workshop	MUSIC 2T**	1
MUSC 2501-2502	Musicianship III, IV	MUSIC 2T**	4 each
MUSC 2601	Studio Problems	MUSIC 2T**	1

NURSING ASSISTANT

NA 1500-1610	By Title	CAREER/TECH	
--------------	----------	-------------	--

NURSING

NURS 1117-2400	By Title	CAREER/TECH	
----------------	----------	-------------	--

PHYSICAL EDUCATION

PHED 1100	Badminton	KIN 122	1
PHED 1101	Canoeing	KIN 1T**	1
PHED 1103	Social Dance	DANCE 1T**	1
PHED 1105	Lifetime Fitness	KIN 1T**	3
PHED 1106	Soccer	KIN 185	1
PHED 1107	Cycling (Non-motorized)	KIN 1T**	1
PHED 1110	Bowling	KIN 129	1
PHED 1111	Archery	KIN 119	1
PHED 1112	Jogging/Walking	KIN 1T**	1
PHED 1113	Social Dance II	DANCE 1T**	1
PHED 1114	Softball	KIN 1T**	1
PHED 1115	Volleyball	KIN 182	1
PHED 1117	Swimming	KIN 101	1
PHED 1122	Circuit Training	KIN 1T**	1
PHED 1124	Tai Chi and Meditation	KIN 1T**	1
PHED 1125	Yoga For Life	KIN 1T**	1
PHED 1126	Step Aerobics	KIN 1T**	1
PHED 1127	Body Toning	KIN 1T**	1
PHED 1128	Yoga for Life II	KIN 1T**	1
PHED 1130	Tennis	KIN 158	1
PHED 1131	Golf	KIN 135	1
PHED 1132	Speed and Power Running	KIN 1T**	1
PHED 1133	Strength Training for Men and Women	KIN 1T**	1
PHED 1138	Outdoor Winter Activities	KIN 1T**	1
PHED 1141	Hiking/Orienteering	KIN 1T**	1
PHED 1143	Self-Defense	KIN 1T**	1
PHED 1144	Introduction to Scuba	KIN 1T**	1
PHED 1145	Individual Leisure Sports	KIN 1T**	1
PHED 1146	Team Recreational Sports	KIN 1T**	1
PHED 1150	Basic TRX Training	KIN 1T**	1
PHED 1151	High Intensity Interval Trng TRX Suspension Trng	KIN 1T**	1
PHED 1189	Boot Camp	KIN 1T**	1
PHED 1190-1194	By Title	KIN 1T**	1 each

PHYSICAL EDUCATION, continued

PHED 1210	Freshman Volleyball Team	ATH 101R	1
PHED 1212	Freshman Soccer Team	ATH 101U	1
PHED 1213	Freshman Football Team	ATH 101F	1
PHED 1220	Freshman Men's Basketball Team	ATH 101B	1
PHED 1221	Freshman Women's Basketball Team	ATH 101C	1
PHED 1222	Freshman Wrestling Team	ATH 101S	1
PHED 1230	Freshman Baseball Team	ATH 101	1
PHED 1231	Freshman Softball Team	ATH 101K	1
PHED 1236	Freshman Golf Team	ATH 101	1
PHED 2154	Introduction to Biomechanics	KIN 2T**	3
PHED 2155	Introduction to Kinesiology	KIN 2T**	3
PHED 2210	Sophomore Volleyball Team	ATH 101R	1
PHED 2212	Sophomore Soccer Team	ATH 101U	1
PHED 2213	Sophomore Football Team	ATH 101F	1
PHED 2220	Sophomore Men's Basketball Team	ATH 101B	1
PHED 2221	Sophomore Women's Basketball Team	ATH 101C	1
PHED 2222	Sophomore Wrestling Team	ATH 101S	1
PHED 2230	Sophomore Baseball Team	ATH 101	1
PHED 2231	Sophomore Softball Team	ATH 101K	1
PHED 2236	Sophomore Golf Team	ATH 101	1
PHED 2240	Methods of Group Fitness Instruction	KIN 2T**	3
PHED 2241	Essentials of Personal Training	KIN 2T**	3
PHED 2242	Essentials of Strength & Conditioning	KIN 2T**	3
PHED 2245	Group Fitness/Personal Trainer Cert Exam Prep	KIN 2T**	2
PHED 2249	Prevention & Care of Athletic Injuries I	A TR 2T**	3
PHED 2250	Prevention and Care of Athletic Injuries II	A TR 2T**	3
PHED 2252	Sport Psychology	KIN 2T**	3
PHED 2253	Sport Nutrition for Performance	KIN 2T**	3
PHED 2260	Officiating Basketball	KIN 2T**	1
PHED 2261	Officiating Principles	KIN 2T**	3
PHED 2270	Intro to Physical Ed, Health, Rec, Coaching, Fit	KIN 2T**	2
PHED 2271	Principles of Coaching	KIN 2T**	3
PHED 2272	Techniques of Coaching Football	KIN 2T**	1
PHED 2273	Techniques of Coaching Volleyball	KIN 2T**	1
PHED 2274	Techniques of Coaching Basketball	KIN 2T**	1
PHED 2275	Techniques of Coaching Baseball	KIN 2T**	1
PHED 2276	Techniques of Coaching Softball	KIN 2T**	1
PHED 2277	Techniques of Coaching Soccer	KIN 2T**	1
PHED 2278	Techniques of Coaching Wrestling	KIN 2T**	1
PHED 2280	Introduction to Sport Facility Management	KIN 2T**	3
PHED 2281	Dev & Mgmt of Sport/Recreation Facilities	KIN 2T**	3
PHED 2292	Group Fitness Instructor Internship	KIN 2T**	2
PHED 2293	Personal Trainer/Group Fitness Instructor Field Ex	KIN 2T**	3
PHED 2294	Physical Education Internship	KIN 2T**	2-3
PHED 2295, 2296	Sport Administration Internship I, II	KIN 2T**	3 each
PHED 2997	Field Observation for Coaching	KIN 2T**	1

PHILOSOPHY

PHIL 1114	Introduction to Philosophy	PHIL 201	3
PHIL 1125	Ethics	PHIL 230	3
PHIL 1130	Environmental Ethics	PHIL 1T**	3
PHIL 1135	Bioethics	PHIL 1T**	3

ROCHESTER COMMUNITY & TECHNICAL COLLEGE	ISU EQUIVALENT	CREDITS
---	----------------	---------

PHILOSOPHY, continued

PHIL 1145	Logic	PHIL 206	3
PHIL 1160	Philosophy and World Religions	RELIG 205	3
PHIL 2001	Science Fiction and Philosophy	PHIL 2T**	3
PHIL 2112	Political Philosophy	PHIL 2T**	3
PHIL 2130	Business Ethics	PHIL 2T**	3
PHIL 2945	Logic: Honors	PHIL 206	3

PHYSICS

PHYS 1101	Elements of Physics	PHYS 106	3
PHYS 1103	Principles of Physics	CAREER/TECH	
PHYS 1117	Introductory Physics I	PHYS 111	5
PHYS 1118	Introductory Physics II	PHYS 112	5
PHYS 1127	Classical Physics I	PHYS 221	5
PHYS 1128	Classical Physics II	PHYS 232	5
		PHYS 232L	
PHYS 1134	Stellar Astronomy	ASTRO 150	3
PHYS 2227	Modern Physics	PHYS 2T**	3

PRACTICAL NURSING

PNM 1200-1440	By Title	CAREER/TECH	
---------------	----------	-------------	--

POLITICAL SCIENCE

POLS 1615	Introduction to American Government	POL S 215	3
POLS 1619	International Relations	POL S 251	3
POLS 1620	Constitutional Law	POL S 1T**	3
POLS 1630	Introduction to Political Science	POL S 1T**	3

PSYCHOLOGY

PSYC 1611	Psychology of Adjustment	PSYCH 1T**	3
PSYC 1650	Evolution and Human Behavior	PSYCH 1T**	3
PSYC 1660	Health Psychology	PSYCH 1T**	3
PSYC 2611	Social Psychology	PSYCH 280	3
PSYC 2618	General Psychology	PSYCH 101	4
PSYC 2620	Introduction to Cultural Psychology	PSYCH 2T**	3
PSYC 2622	Psychopathology	PSYCH 2T**	3
PSYC 2626	Human Growth & Development	PSYCH 230	3
PSYC 2630	Statistics for the Behavioral Sciences	PSYCH 2T**	4
PSYC 2918	General Psychology: Honors	PSYCH 2T**	4

RESPIRATORY CARE

RC 2203-2210	By Title	CAREER/TECH	
--------------	----------	-------------	--

READING

READ 0800-0900	By Title		No Credit
----------------	----------	--	-----------

RECREATION

REC 2210	Recreation Program Leader	KIN 2T**	3
REC 2223	Outdoor Education and Recreation	KIN 2T**	3

SCIENCE EDUCATION

SCIE 1100	Integrated Biology and Chemistry	SCI 1T**	3
SCIE 1200	Integrated Earth Science and Physics	SCI 1T**	3

SUPERVISORY MANAGEMENT

SMGT 1115-1420	By Title	CAREER/TECH	
----------------	----------	-------------	--

SOCIOLOGY

SOC 1612	Sex and Gender in Society	HD FS 276	3
SOC 1614	Introduction to Sociology	SOC 134	3
SOC 1616	Social Problems	SOC 235	3
SOC 1618	Environmental Sociology	SOC 1T**	3
SOC 2612	Marriage & the Family Across the Life Span	SOC 219	3
SOC 2614	Sociology of Health, Illness, and Health Care	SOC 2T**	3
SOC 2625	Minority Group Relations	SOC 2T**	3

SPANISH

SPAN 1001	Introduction to Hispanic Cultures	SPAN 1T**	3
SPAN 1101	Beginning Spanish I	SPAN 101	4
SPAN 1102	Beginning Spanish II	SPAN 102	4
SPAN 1130	Introductory Medical Spanish	CAREER/TECH	
SPAN 2101	Intermediate Spanish I	SPAN 201	4
SPAN 2102	Intermediate Spanish II	SPAN 202	4
SPAN 2111	Intermediate Spanish Conversation	SPAN 2T**	2

SURGICAL TECHNOLOGY

ST 2110-2124	By Title	CAREER/TECH	
--------------	----------	-------------	--

STUDY SKILLS

STSK 1670	College Study Skills	PSYCH 131	2
-----------	----------------------	-----------	---

THEATRE

THTR 1121	Beginning Acting	THTRE 251	3
THTR 1134	Theatre Appreciation	THTRE 106	3
THTR 1135	Stagecraft	THTRE 1T**	3
THTR 1136	Script Analysis	THTRE 263	3
THTR 2102	Beginning Directing	THTRE 2T**	3
THTR 2121	Intermediate Acting	THTRE 2T**	4

VETERINARY TECHNICIAN

VT 1010-2930	By Title	CAREER/TECH	
--------------	----------	-------------	--

WELDING TECHNOLOGY

WELD 1001-1006	By Title	CAREER/TECH	
----------------	----------	-------------	--