

**Course Equivalency**  
**College of Science and Engineering - University of Minnesota**  
**8/6/19**  
**Last Bulletin Reviewed: 2019-2020**

**Fond du Lac Tribal & CC  
Cloquet, MN**

**Twin Cities, U of M**

**Semester System Beginning Fall 1998**  
**Numbers in parenthesis () with a "q" are discontinued quarter system courses.**

Chemistry

CHEM 1001	Aspects Inorganic Chemistry	4	CHEM 1015/1017	4
1002	Organic Chemistry	4	Transfers	4
1010	General Chemistry I	5	1061/1065	5
1011	General Chemistry II	5	1062/1066	5
2010	Organic Chemistry I	5	2301	5
2011	Organic Chemistry II	5	2302	5
	CHEM 2010 + 2011 together equal CHEM 2301, 2302 & 2311			
2020	(old)	4	2101/2111	4
2060	Environmental Chemistry	4	Transfers	4
	Above has a lab			

Computer Science

<u>CSCI</u> 1001	Computer Literacy (old)	2	Transfers	2
1002	Computer Essentials	1	No equiv. not to CSE	
1010	Write Your Mobile App	3	Transfers	3
1020	Intro to Program	3	Transfers	3
1021	Intro Engineer Robotics	1	Transfers	1
1025	Intro to Engineering: Aerial Platforms	1	Transfers	1
1030	FORTTRAN (old)	3	CSCI 1107	3
1050	Computer Education for Teachers (old)	3	Transfers	3
1070	Intro Computer Security (old)	2	Transfers	2
1072	Intro Cyber Crime	3	Transfers	3
1074	Computer Forensics (old)	3	Transfers	3
1076	Identity Theft (old)	3	Transfers	3
1078	Bus Continuity (old)	3	Transfers	3
1097	Intro Digital Graph	3	Transfers	3
1099	Special Topics (old)	V	No equiv. not to CSE	
1101	Inter-Networking (old)	3	Transfers	3
1105	Interactive Multimedia (old)	3	Transfers	3

	1110	Internet Design (old)	3	Transfers	3
<u>CSCI</u>	1115	Computational Methods (old)	3	Transfers	3
	1120	IT Project Management (old)	3	Transfers	3
	1125	Creativity (old)	3	Transfers	3
	1190	Research & Work (old)	3	Transfers	3
	2010	Intro CSCI I (old)	4	CSCI 1113	4
	2011	Intro CSCI II (old)	4	1933	4
	2051	Web Mapping Above has a lab	4	Transfers	4
	2070	ADV Computer Security (old)	3	Transfers	3
	2072	Cyber sleuthing (old)	3	Transfers	3
	2074	Computer Crime Scene (old)	4	Transfers	4
	2075	New Crime Wave (old)	3	Transfers	3
	2076	Tool & Tactics (old)	3	Transfers	3
	2097	Digital Graphics II	3	Transfers	3

### Electric Utility Technology

EUT classes do not transfer

### Geology

GEOL	1001	Intro Geology	4	ESCI 1001	4
	1010	(old)	4	Transfers	4
	2010	Geomorphology	4	Transfers	4

### Mathematics

MATH	0010	Math Concepts	3	PSTL 0711 not to CSE	
	0020	Beginning Algebra	3	PSTL 0721 not to CSE	
	0025	Statistics Prep	1	No equiv. not to CSE	
	0030	Higher Algebra	3	PSTL 0731 not to CSE	
	1010	College Algebra	3	MATH 1051	3
	1015	Trig	2	1151	2
	1020	Calculus Short Course (old)	3	1142	3
	1025	Contemporary Math	3	1001	3
	1030	Intro to Statistics	3	STAT <u>1001</u>	3
	1040	Finite Math (old)	3	MATH 1131	3
	1050	Math Elem Teach	5	Transfers	5
	1051	(old)	3	Transfers	3
	2001	Calculus I	5	1271	5
	2002	Calculus II	5	1272	5
	2020	Discrete Math (old)	3	CSCI 2011	3

### Physics

PHYS 1001	Intro Physics I	4	PHYS 1101	4
1002	Intro Physics II	4	1102	4
1010	(old)	5	1301	5
1011	(old)	5	1302	5
PHYS 1020	Intro Astronomy	4	AST 1001	4
1030	Meteorology	3	Transfers	3

### Quarter System Discontinued Spring 1998

#### Chemistry

CHEM 101		5	CHEM 1015/1017	3.33
102		5	Transfers	3.33
111		5	1061/1065	3.33
112		5	1062/1066	3.33
113		5	Transfers	3.33
210		5	Transfers	3.33
211		5	2301	3.33
	CHEM 210 + 211 together equal CHEM 2301			
212		5	2302	3.33
	CHEM 210 + 211 + 212 together equal CHEM 2301, 2302 & 2311			
221		5	2101/2111	3.33

#### Computer Science

CSCI 101	BASIC	3	Transfers	2
102	FORTRAN	4	CSCI 1107	2.67
103	BASIC	3	Transfers	2
104		3	Transfers	2
105	COBOL	4	Transfers	2.67
106	Pascal	4	Transfers (CSCI 3102q)	2.67
107		4	2021	2.67
109	RPG	3	Transfers	2
110		3	Transfers	2
120		1	Transfers	.67
121		2	Transfers	1.33
151		3	Transfers	2
152		3	1933	2
153		3	4041	2
199		V	Transfers	V
206		4	Transfers (CSCI 3121q)	2.67
210	c	4	Transfers (CSCI 3113q)	2.67
211		4	Transfers (CSCI 3121q)	2.67

#### Engineering

ENGR 111		4	Transfers (ME 1025q)	2.67
221		4	AEM 2011	2.67
222		4	AEM 2012	2.67

Geology

GEOL 101	5	ESCI 1001	3.33
199	V	Transfers	V

Mathematics

MATH 001	2	No equiv. not to CSE	
006	3	PSTL 0721 not to CSE	
MATH 010	5	PSTL 0731 not to CSE	
105	4	No equiv. not to CSE	
106	4	No equiv. not to CSE	
110	4	STAT 1001	2.67
111	5	Transfers	3.33
112	5	MATH 1271	3.33
113	5	1272	3.33
117	5	1031	3.33
118	5	1131	3.33
119	3	1151	2
120	5	1142	3.33
221	5	Transfers	3.33
222	5	2243	3.33
223	5	2263	3.33

MATH 221 + 223 together equal MATH 1271

Physics

PHYS 101	4	PHYS 1101	2.67
102	4	Transfers	2.67
103	4	1102	2.67
111	4	1301 LEC	2.67
111	5	1301	3.33
112	4	Transfers	2.67
112	5	Transfers	3.33
113	4	1302 LEC	2.67
113	5	1302	3.33
131	3	AST 1005	3
133	3	AST 1005	3
210	4	EE 2301	2.67
215	4	EE 2361	2.67
230	4	Transfers (EE 3009q)	2.67
231	4	Transfers (EE 3010q)	2.67
611L	1	PHYS 1301 Lab	.67
612L	1	Transfers	.67
613L	1	PHYS 1302 Lab	.67
630L	1	Transfers (EE 1400q)	.67
631L	1	Transfers	.67