

Network Administration and Security – Moorhead Campus
Associate of Applied Science 66 Credits
Fall 2015

Student:
Advisor:

Semester 1 Recommendations

Course	Course Title	Credits	Completed/Notes
ENGL1101	College Writing 1		
CPTR1178	Robotics		CPTR1148 is a substitution
CSCI1110	Informatics		
CPTR1106	Microcomputer Databases		
CPTR1122	Microcomputer Maintenance		CPTR1125 is a substitution

Semester 2 Recommendations

Course	Course Title	Credits	Completed/Notes
COMM1120	Introduction to Public Speaking		
CPTR2272	Network Operating Systems		
CPTR2224	Linux 1		
CPTR1001	Introduction to Programming and Scripting		
CPTR1108	Cisco 1		

Semester 3 Recommendations (summer session)

Course	Course Title	Credits	Completed/Notes
MnTC elective			Any MnTC course
MnTC elective			Any MnTC course

Semester 4 Recommendations

Course	Course Title	Credits	Completed/Notes
CPTR1118	Cisco 2		
CPTR2236	Network Security*		
CSEC2204	Managing Directory Services		
CSEC2212	Web Security		
HUM 2236	Technology in the Humanities (MnTC Goal Areas 2, 6, and 8)		

Semester 5 Recommendations

Course	Course Title	Credits	Completed/Notes
CSEC2210	Security Breaches & Countermeasures		
CVNP2216	Voice over Internet Protocol (VoIP) and IP Telephony		
CSEC2222	Network Security Design		CPTR2294 is a substitution
CSEC2228	Network Defense		
CPTR2245	Enterprise Network Technologies		

Notes:

* Student must complete CPTR 2272 Network Operating System before registering for this class.

Web Sites:

<http://www.minnesota.edu>

<http://brazil.minnesota.edu>

MSUM Operations and Project Management MnTC Class Recommendations

CHEM 1110 – Fundamental Concepts of Chemistry 1

ECON 1150 – Essentials of Economics

MATH 1114 – College Algebra

MATH 1213 – Introduction to Statistics

PHYS 1105 – Fundamental Concepts in Physics