

**TRANSFER ARTICULATION AGREEMENT
INVER HILLS COMMUNITY COLLEGE
METROPOLITAN STATE UNIVERSITY, COLLEGE OF MANAGEMENT**

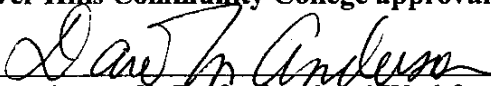
Students who have completed the Inver Hills Community College degree program
**Associate of Applied Science (AAS) in Network Technology and Security with a Security
Emphasis**

will be eligible for transfer into the Metropolitan State University, College of Management
degree program
Bachelor of Applied Science (BAS) degree in Information Assurance.

The transfer of credits for this articulation agreement will be accepted in the following manner:

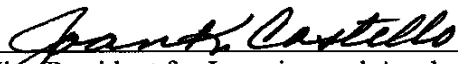
- 40 block credits from the AAS in Network Technology and Security, Security Emphasis will be accepted into the BAS in Information Assurance.
- General education courses which are part of the Minnesota Transfer Curriculum will be accepted.
- Students must have a 2.5 cumulative grade point average in their AAS degree.
- For information about transfer of courses not specified in the articulation agreement, see the College of Management transfer guide.

Inver Hills Community College approval:



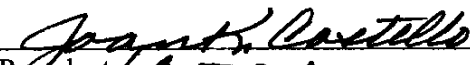
Dean, Center for Professional and Workforce Development

6-4-07
Date



Vice President for Learning and Academic Innovation

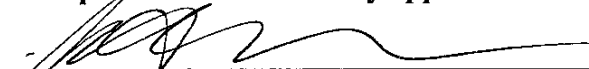
6/13/07
Date



President (Acting)

6/13/07
Date

Metropolitan State University approval:




Curriculum Coordinator

5/24/07
Date



Dean, College of Management

5/29/07
Date



Provost/Vice President Academic Affairs

30/5/07
Date

Inver Hills Community College

A.A.S. Network Technology and Security (Security Emphasis)

Foundation Courses, 11 credits

CNT 2510 Networking Essentials (CCNA 1) **OR** CS 1104 Introduction to Networking, 3cr
CNT 2300 PC Hardware and Software (A+), 4cr
BUS 1119 Human Relations in Business **OR** BUS 2310 Achieving Customer Satisfaction
OR BUS 2320 Project Management and Planning Skills 3cr

Network Core Courses, 14 credits

CNT 2520 Introduction to Router Configuration (CCNA 2), 3cr
CNT 2530 Routing and LAN Switches (CCNA 3), 3cr
CNT 2540 WAN Technologies (CCNA 4), 3cr
CNT 2401 Administering Windows Operating System I (MCSA 1), 2 cr
CNT 2410 Managing a Windows Server Environment (MCSA 2), 2cr
CNT 2420 Implementing a Windows Server Network Infrastructure (MCSA 3), 2cr

Security Emphasis Area Courses, 15 credits

CNT 2820 Information Systems Security Fundamentals, 3cr
CNT 2825 Information Systems Security Advanced, 3cr
CNT 2810 Network Security Fundamentals, 3cr
CNT 2815 Network Security Advanced, 3cr
CNT 2830 Network Security Design **OR** CNT 2189 I.T. Internship, 3cr

Inver Hills Community College and/or Metropolitan State University

General Education required for the A.A.S. Network Technology and Security at IHCC (part of the MN Transfer Curriculum)

Liberal Arts Curriculum (20 credits)

ENG 1108 Writing and Research Skills, 4cr
COMM 1100, 1114, or 2230, 3cr
Math or Science with Lab, 3cr *(See Goal 3 and Goal 4 of MnTC) suggest MATH 1118 for transfer to the BAS*
History/Social Science/Behavioral Science, 3cr *(See Goal 5 of MnTC)*
Humanities/Fine Arts/Literature, 3cr *(See Goal 6 of MnTC)*
Liberal Arts Electives*, 4cr

** Includes MnTC courses, foreign languages, career development, computer science, health, interdisciplinary studies, journalism, SOC 1150,1152,1154,1156,1158, MUSC 1105, or THTR 1161.*

**General Education for Metropolitan State requirements
Completed at either IHCC or Metropolitan to fulfill MNTC**

- Goal 1: 2nd level writing course (total writing credits = 6)
- Goal 3: Natural Sciences (3 cr or more, must include a lab, simulation or field)
overlap with Goal 10
- Goal 5: 2nd course for a total of 6 credits
- Goal 6: 2nd course for a total of 6 credits (300 level course will overlap with Liberal Studies)
- Goal 7: overlap with Goal 5 or 6
- Goal 8: overlap with Goal 5 or 6
- Goal 9: overlap as part of IHCC Liberal Arts Electives (suggestion: INTS 1125 3 cr)
- Goal 10: overlap with Goal 3

Upper Division Liberal Studies to be completed at Metropolitan State

- 300 level (4 cr) choose from Gen Ed course list (overlap with Goal 6)
- 300 level (4 cr) choose from Gen Ed course list (PSYC 303, 317, 319 recommended for BAS in Information Assurance)

Metropolitan State University

B.A.S. Information Assurance

Foundation Courses

- Math 115: College Algebra (or higher) (4 cr) (part of MNTC)
- Stat 201: Statistics I (4 cr) (part of MNTC)
- *Acct 210: Financial Accounting (4 cr)
- *MIS 100: Fund of IT in Organizations [FITO] (4 cr) (part of MNTC)

Business Core Courses

- Mgmt 310: Management Principles & Practices (4 cr) (*completed by BUS 1121*)
- MIS 310: Principles of MIS (4 cr)
- Mktg 455: Supply Chain Management (4 cr)

Information Assurance Major Required Courses

- MIS 320: Information Systems Analysis and Design (4 cr)
- MIS 335: Management and Use of Databases (4 cr)
- MIS 412: Administration of the MIS Function (4 cr)
- MIS 450: MIS Auditing, Security Controls and.... (4 cr)
- MIS 462: Distributed Computing (4 cr)
- MIS 467: Telecom and Internet Management (4 cr)
- MIS 498: Telecom Economics and Policy Capstone (4 cr)

Waiver of BUS 1119, BUS 2310, or BUS 2320 for Articulation Agreement
IHCC AAS in Network Technology and Security (Security Emphasis)
& Metropolitan State BAS in Information Assurance

Included in the articulation agreement between Inver Hills Community College and Metropolitan State University for the articulation of the degree program AAS in Network Technology and Security (Security Emphasis) to the degree program BAS in Information Assurance is the following:

In order to prevent students from having to take 131 credits total to complete the two degrees, a waiver of 3 credits of BUS courses in AAS in Network Technology and Security will be considered. Dave Anderson, Dean of Professional and Workforce Development will review requests for a waiver of BUS 1119, BUS 2310, or BUS 2320. Request for this waiver and review is only appropriate for those students who have been accepted into the BAS program in Information Assurance at Metropolitan State University and who have completed either MGMT 310: Management Principles & Practices or the IHCC equivalent BUS 1121: Principles of Management with a passing grade (C- or better).

MGMT 310 is a requirement for the BAS in Information Assurance. Students can either complete the course at Metropolitan State University for 4 upper-division credits, or they can complete and transfer in the equivalent course from IHCC, BUS 1121: Principles of Management for 3 lower-division credits.

By waiver of the 3 cr BUS course required for AAS in Network Technology and Security, the student may graduate with 127 or 128 credits.