

September 2003 Articulation Agreement

Institution: Pine Technical College
A. S. Program: Computer Science
UMC Program: Bachelor of Science in Information Technology Management
- Systems Administration Emphasis

UMC General Education Courses Needed:

Comp 1013 Composition II	3 credits
Comp 3xxx (upper division communication course)	3 credits
...plus 5 credits of elective upper division General Education Courses	<u>5 credits</u>
Subtotal	11 credits

(Assumes a student takes Pine Technical College courses = Engl 1276, Spch 1270, Phil 1220 and 1270, Math 1262 and 2262, Phys 1250 and 2250, Psyc 1200, and Econ 1250 = 37 credits)

UMC Center for Business and Technology Core Requirements Needed:

Acct 2101 Principles of Accounting I	3 credits
Acct 2102 Principles of Accounting II	3 credits
GBus 3107 Legal Environment of Business	3 credits
Mgmt 3100 Managerial Finance	3 credits
Mgmt 3200 Principles of Management	3 credits
Mktg 3300 Principles of Marketing	3 credits
Mgmt 3700 Project Management	<u>3 credits</u>
Subtotal	21 credits

UMC ITM-Systems Administration Course Requirements Needed:

ITM 2050 Introduction to Programming (Java)	3 credits
ITM 2060 Database Management Systems	3 credits
ITM 3110 Microcomputer Operating Systems	3 credits
ITM 3120 Networking and Telecommunications	3 credits
ITM 3130 Messaging Systems	3 credits
ITM 3215 Applied Hacking and Systems Security	3 credits
ITM 3900 Internship	3 credits
ITM 4020 Analysis and Design of Information Systems	<u>3 credits</u>
Subtotal	24 credits

(Assumes a student takes Pine Technical College courses = COCP 1200, 1202, 1206, 1230, 1233, 1258, and 1268 plus 9 credits of electives= 27 credits)

Articulation Summary:

Credits needed to graduate	56 credits
Transfer credits accepted	<u>64 credits</u>
Total Program Credits	120 credits

We agree with the above articulation format and understand that the agreement may be changed due to curricular changes at either campus.

UNIVERSITY OF MINNESOTA, CROOKSTON

Signed: Rob Smith
Rob Smith, Chairperson, Center for Business and Technology

Date: Oct. 6 - 2003

Signed: Dr. Doug Knowlton
Dr. Doug Knowlton, Vice-Chancellor for Academic Affairs

Date: Oct 6, 2003

PINE TECHNICAL COLLEGE

Signed: W.Y. Cudgah

Date: Sept. 29, 2003

Signed: Rh Meyer

Date: 9/30/03