RCTC PROGRAM PLAN

COMPUTER SCIENCE
Associate in Science

I. MINNESOTA TRANSFER CURRICULUM (MNTC)/
GENERAL EDUCATION REQUIREMENTS.........................................................40 CREDITS

GOAL 1: WRITTEN AND ORAL COMMUNICATION ........................................11 CR
COMM 1114, Fundamentals of Public Speaking, 3 cr
ENGL 1117, Reading and Writing Critically I, 4 cr
ENGL 1118, Reading and Writing Critically II, 4 cr

GOAL 2: CRITICAL THINKING MAY BE MET BY ANY COURSE IN MNTC 1-10 GOALS

GOAL 3: NATURAL SCIENCES .................................................................6 CR
Choose two courses with labs from two different areas from MNTC Goal 3

GOAL 4: MATHEMATICS/LOGICAL REASONING ......................................5 CR
MATH 1127, Calculus I, 5 cr

GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORAL SCIENCES ..............3 CR
PSYC 1611, Psychology of Adjustment, 3 cr

GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY ..........6 CR
Choose a minimum of two credits from two different areas from MNTC Goal 6

MNTC ELECTIVES.........................................................................................6 CR
Choose credits from approved MNTC courses

II. PROGRAM CORE REQUIREMENTS.........................................................19-20 CREDITS
COMP 1150, Computer Science Concepts, 3 cr
COMP 2243, Programming & Problem Solving, 4 cr
COMP 2247, Algorithms and Data Structure, 4 cr
MATH 2218, Discrete Mathematics, 4 cr
MATH 2350, Introduction to Mathematical Statistics, 4 cr
OR
MATH 1128, Calculus II, 5 cr

III. OPEN ELECTIVES...............................................................................1 CREDITS
Physical Education course recommended

TOTAL ........................................................................................................60 CREDITS

Revised: 08/01/2012
Implementation: Spring 2013