RCTC PROGRAM PLAN

HORTICULTURE TECHNOLOGY
Associate in Applied Science

I. MINNESOTA TRANSFER CURRICULUM (MNTC)/
   GENERAL EDUCATION REQUIREMENTS.................................15 CREDITS
GOAL 1: WRITTEN AND ORAL COMMUNICATION ..........................3 CR
   Credits from MnTC Goal 1

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

GOAL 3: NATURAL SCIENCES ...................................................3 CR
   BIOL 1102, Plant Biology, 3 cr

GOAL 4: MATHEMATICS/LOGICAL REASONING ...........................3 CR
   Credits from MnTC Goal 4

GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORAL SCIENCES ..........3 CR
   Choose one: ECON 1101 OR ECON 2214

GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY ..........3 CR
   Credits from MnTC Goal 6

II. PROGRAM CORE REQUIREMENTS.............................................24 CREDITS
   HORT 1310, Soil Science, 3 cr
   HORT 1315, Plant Materials I – Woody Plants, 3 cr
   HORT 1318, Introduction to Turfgrass Management, 3 cr
   HORT 1320, Plant Materials II – Herbaceous Plants, 3 cr
   HORT 1323, Introduction to Horticulture, 3 cr
   HORT 2330, Plant Propagation, 4 cr
   HORT 2350, Integrated Plant/Pest Management, 2 cr
   HORT 2303, Horticulture Internship, 3 cr

III. HORTICULTURE ELECTIVES.................................................21 CREDITS
   Any course prefixed HORT, HTFL, HTLS not listed under Program Core Requirements.

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

PURPOSE: The Horticulture Technology Associate in Applied Science program provides a two-
   year broad based degree that prepares students for a career in urban ecosystem management,
   greenhouse crop production, urban tree care, landscape management and urban agriculture.
   Learning opportunities develop academic, technical, and professional knowledge and skills
   required for job acquisition and advancement. Students may consider transfer options by
   working closely with a four-year institution of their choice.

Revised: 04/11/2017; Implementation: Spring 2018