**RCTC PROGRAM PLAN**

**HORTICULTURE TECHNOLOGY: LANDSCAPE, GOLF COURSE AND GROUNDS MAINTENANCE**

Diploma

I. **MINNESOTA TRANSFER CURRICULUM (MNTC)/ GENERAL EDUCATION REQUIREMENTS** ......................................................... 8 CREDITS

**GOAL 3: NATURAL SCIENCES** ........................................................................................................... 3 CR

BIOL 1102, Plant Biology, 3 cr

**ADDITIONAL GENERAL EDUCATION REQUIREMENTS** ................................................................. 5 CR

Students may choose additional credits from MNTC Goals 1-10 or any other college course numbered 1000 or above other than courses from HORT, HTFL, or HTLS.

II. **PROGRAM CORE REQUIREMENTS** ................................................................................................. 38 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 2303, Horticulture Internship, 3 cr
HORT 2330, Plant Propagation, 4 cr
HORT 2335, Landscape Design, 3 cr
HORT 2350, Integrated Plant/Pest Management, 2 cr
HORT 2399, Horticulture Seminar, 1 cr
HTLS 1322, Turf and Landscape Management, 4 cr
HTLS 2332, Arboriculture, 3 cr
HTLS 2345, Golf Course Field Operations, 3 cr

III. **HORTICULTURE ELECTIVES** ....................................................................................................... 6 CREDITS

Any course prefixed HT or any MNTC course approved by Horticulture Advisor.
HORT 2301, Directed Study, 1 cr
HORT 2302, Directed Study, 2 cr
HORT 2390, World Horticulture, 2 cr

**TOTAL** ............................................................................................................................................. 52 CREDITS

**ADDITIONAL NOTES:**

**PURPOSE:** The Horticulture Technology Landscape, Golf Course, and Grounds Maintenance Diploma program provides educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed in landscape install, golf course maintenance, and grounds maintenance careers. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of specific technical knowledge and skills and a firm foundation in the science of horticulture.

Revised: 05/01/2014; Implementation: Spring 2014