A. Course Description

- Credits: 3.00
- Lecture Hours/Week: 3.00
- Lab Hours/Week: 0.00
- OJT Hours/Week: 0
- Prerequisites: None
- Corequisites: None
- MnTC Goals: None

The ability of Earth's ecosystems to sustain life as we know it is coming under increasing pressure from the demands of modern society. If future generations are to inherit a healthy planet we will need to rethink the way we live our lives right down to the way we landscape our back yards, school grounds and city parks. This course will introduce students to the broader concepts and definitions of sustainability - meeting the needs of the present without compromising the ability of future generations to meet their own needs - and illustrate how those concepts translate to the site specific scale and influence our approach to the design of our local landscapes.

B. Course Effective Dates: 1/12/15 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Be able to identify the Ten Principles of Sustainable Landscapes as presented in this course
2. Become familiar with methods of managing storm water as a site amenity
3. Gain an understanding of climate change and how it is affecting the landscape horticultural practices
4. Gain an understanding of the differences in building / hard-scape materials and their impact on sustainability
5. Identify ways in which landscapes can restore and/or enhance the ecological services lost during site development
6. Understand how edible plants can be incorporated into conventional landscapes
7. Understand the importance and methods for protecting and restoring soils

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted