METHODS AND MATERIALS I — ARCT 1021

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

   This course will introduce the beginning architectural technology student to the properties and applications of common, as well as new and sustainable residential building materials. This class will cover materials and methods such as: current sustainable practices, wood, steel, and concrete construction, etc. These materials and construction methods then be applied in the Studios I and II projects.

B. Course Effective Dates: 8/26/19 – Present

C. Outline of Major Content Areas
   - As noted on course syllabus

D. Learning Outcomes
   1. Describe current and upcoming sustainable practices and materials
   2. Describe nature and properties of typical construction materials
   3. Identify materials used on standard construction types
   4. Understand appropriate application and uses of building materials
   5. Utilize industry terminology with respect to specific trades and materials

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment
   - As noted on course syllabus

G. Special Information
   - None noted