A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
Lab Hours/Week: *.*
OJT Hours/Week: *.*

Prerequisites:
This course requires the following prerequisite
IDES 1615 - Building Systems & Codes

Corequisites: None
MnTC Goals: None

This course is an opportunity for learners to develop residential design solutions dealing with the clients' individual specifications. Solutions include development of a total plan for the structure including development of the interior spaces, the exterior (facade), finishing materials, and roof lines. Learners have the option of utilizing Computer Aided Design (CAD) in the presentation of design solutions. Prerequisite: IDES1615.

B. COURSE EFFECTIVE DATES: 07/02/2010 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Residential codes.
2. Demolition and construction plans.
3. Roof plans.
4. Site plans.
5. Additions.
7. Remodel schedule.
8. Scale model construction.
9. Space planning.

D. LEARNING OUTCOMES (General)

1. The learner will learn the programming process established by NCIDQ to develop competent solutions to advanced residential design project.
2. The learner will draft the solutions developed to architectural standards of architecture NKBA and Interior Design.
3. The learner will learn to apply applicable code standards and design spaces to protect the health, safety, and welfare of the occupant.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus
G. SPECIAL INFORMATION

None noted