

NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Family And Consumer Sciences Education

Grade: Grade 9 - 12

Course: Interior Applications **Updated**

NCCTE.2020.FI53 - Interior Digital Applications

NCCTE.2020.FI53.01.00 - Understand architecture and construction components.

NCCTE.2020.FI53.01.01 - Remember factors affecting architecture and the housing industry.

NCCTE.2020.FI53.01.02 - Understand components of construction.

NCCTE.2020.FI53.02.00 - Apply procedures to create floor plans.

NCCTE.2020.FI53.02.01 - Remember BIM Revit Architecture software tools.

NCCTE.2020.FI53.02.02 - Draft an interior space to scale using architectural symbols.

NCCTE.2020.FI53.02.03 - Apply space planning with reference to furniture placement, traffic flow, building codes, and universal design guidelines.

NCCTE.2020.FI53.02.04 - Apply procedures to draw and annotate a residential floor plan using 3D CAD, BIM Revit Architecture software.

NCCTE.2020.FI53.03.00 - Apply lighting components.

NCCTE.2020.FI53.03.01 - Identify the types of lamp families.

NCCTE.2020.FI53.03.02 - Classify the major categories of luminaires and types of lighting fixtures used in interior design.

NCCTE.2020.FI53.03.03 - Apply lighting fixtures to create a reflected ceiling plan using 3D CAD, BIM Revit Architecture software.

NCCTE.2020.FI53.04.00 - Apply procedures for drawing view types and rendering techniques.

NCCTE.2020.FI53.04.01 - Apply construction drawing view types.

NCCTE.2020.FI53.04.02 - Apply rendering techniques using 3D CAD, BIM Revit Architecture software.

NCCTE.2020.FI53.05.00 - Apply procedures to complete a residential construction documents (CD) set.

NCCTE.2020.FI53.05.01 - Apply key components/sheets needed for a construction documents (CD) set.

NCCTE.2020.FI53.05.02 - Apply procedures to complete a residential construction documents set using 3D CAD, BIM Revit Architecture software.

NCCTE.2020.FI53.06.00 - Apply interior design knowledge and skills.

