

**Goodheart-Willcox Publisher**  
**Correlation of Exploring Drafting ©2018**  
**to North Carolina Department of Education**  
**Course: NCCTE IC62 Drafting II - Architectural (Grades 9–12)**



Standards		Correlating Text Pages
<b>NCCTE.2020.IC62 Drafting II - Architectural</b>		
<b>NCCTE.2020.IC62.01.00 Understand Architectural Styles and Industry Terms.</b>		
NCCTE.2020.IC62.01.01	Understand various architectural styles.	510-538
NCCTE.2020.IC62.01.02	Understand terms related to selected styles of residential architecture and create a collection of illustrations or a presentation that demonstrates the various elements of residential styles.	510-538
NCCTE.2020.IC62.01.03	Understand architectural industry terms.	510-538
<b>NCCTE.2020.IC62.02.00 Apply procedures to create Floor Plans.</b>		
NCCTE.2020.IC62.02.01	Apply terms and definitions and accepted principles related to single level residential space planning.	520-524
NCCTE.2020.IC62.02.02	Apply residential door and window types, symbols for doors, windows and room identification.	520-524
NCCTE.2020.IC62.02.03	Apply terms and definitions related to single-level residential space planning	520-524
NCCTE.2020.IC62.02.04	Apply accepted principles of single-view residential space planning.	520-524
NCCTE.2020.IC62.02.05	Apply door and window types.	520-524
NCCTE.2020.IC62.02.06	Apply floor plan symbols.	520-524
NCCTE.2020.IC62.02.07	Apply procedures to draw a single-level residential floor plan using 3D CAD, BIM software, for example: Revit Architecture.	142-178
NCCTE.2020.IC62.02.08	Apply procedures to annotate a single-level residential floor plan using 3D CAD, BIM software, for example: Revit Architecture.	142-178
<b>NCCTE.2020.IC62.03.00 Apply procedures to create Foundation plans and Levels of a Building.</b>		
NCCTE.2020.IC62.03.01	Apply terminology related to common foundation plans.	520-524
NCCTE.2020.IC62.03.02	Apply footing and foundation wall construction types.	520-524
NCCTE.2020.IC62.03.03	Apply the purpose of a foundation plan and describe its features.	520-524
NCCTE.2020.IC62.03.04	Apply concepts of wood sill and floor construction.	520-524
NCCTE.2020.IC62.03.05	Apply procedures to draw a foundation plan using 3D CAD, BIM software.	520-524
<b>NCCTE.2020.IC62.04.00 Apply procedures to create Simple Roof and Floor System Designs.</b>		



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Standards		Correlating Text Pages
NCCTE.2020.IC62.04.01	Understand terms and definitions related to roof plans.	518-520
NCCTE.2020.IC62.04.02	Understand concepts of roof construction including roof types: gable, hip, roof slope.	518-520
NCCTE.2020.IC62.04.03	Understand concepts of floor systems.	513-514, 521-524
NCCTE.2020.IC62.04.04	Apply procedures to draw roof and floor systems using 3D CAD, BIM software.	142-178