

Erie County Technical School
Construction Trades Duty/Task List

This program is endorsed by and meets the standards of the National Association of Home Builders.				Pennsylvania Standards				NOCTI Alignment Test Code 4115	
Duty Area and Task #	Content Areas, Course Titles and Task Statements	Course Number	National Skill Standards	Math	Reading	Writing	Career Education & Work	Written Test	Performance Test
00 - Fundamentals of Construction Trades			NAHB						
A	Construction Hand and Power Tools	CNT101							
A001	Demonstrate the safety rules and procedures for tools and equipment	CNT101	NAHB	N/A	N/A	N/A	13.2.11E	X	
A002	Understand the need for proper safety protection	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A003	Recognize safe working conditions and procedures at a work site	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A004	Use the portable electric drill	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A005	Operate a drill press	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A006	Operate a Radial arm saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A007	Operate a surface planer	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A008	Operate a reciprocating saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A009	Operate a band saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A010	Operate a saber saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A011	Operate a router	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A012	Operate a table saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A013	Operate a circular saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A014	Operate a belt sander	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A015	Use oscillating and orbital sanders	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A016	Do simple cross and rip operations on the table saw	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E		X
A017	Establish a working edge on surface or dimension lumber	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E		X
A018	Identify hand tools and safety rules	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A019	Identify Power tools and safety rules	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
A020	Care for and maintain hand and power tools	CNT101	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
B	Construction Materials and Applications	CNT102							
B001	Identify different types of wood	CNT102	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E		X
B002	Identify actual sizes of lumber	CNT102	NAHB	2.1.8A	1.1.8D	N/A	13.2.11E	X	
B003	Identify defects in lumber	CNT102	NAHB	1.1.8 D	1.1.8D	N/A	13.2.11E	X	
B004	Identify different grades of plywood, OSB	CNT102	NAHB	N/A	1.1.8 D	N/A	13.2.11E	X	
B005	Identify wood treatments (chemical and preservatives),	CNT102	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E	X	
B006	Identify non-wood materials (metal studs, shingles, metal doors, drywall etc)	CNT102	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E	X	
B007	Identify material handling and storage techniques	CNT102	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E	X	
B008	Demonstrate proper use of adhesives (glue and mastics)	CNT102	NAHB	N/A	1.1.8 D	N/A	13.2.11E		X
B009	Select and use appropriate metal fasteners	CNT102	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E		X
B	Math Concepts in Construction	CNT103							
B010	Solve for volume and unknown values in prisms and cylinders	CNT103	NAHB	CC.2.3.8.A.1				X	
B011	Solve for area and perimeter in rectilinear shapes	CNT103	NAHB	CC.2.3.7.A.1				X	
B012	Solve for unknown triangle side using Pythagorean Theorem	CNT103	NAHB	CC.2.3.8.A.3					X
B013	Convert decimals to feet and inches to the nearest 1/16th inch	CNT103	NAHB	CC.2.1.4.C.3				X	

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C	Blueprint Reading and Specifications	CNT104							
C001	Demonstrate knowledge of blueprint reading and layout	CNT104	NAHB	2.1.8D	1.1.11 E, F	N/A	13.2.11E	X	
C002	Demonstrate knowledge of scaling out a blueprint using architect's scale	CNT104	NAHB	2.1.8D	1.1.11 E, F	N/A	13.2.11E	X	
C003	Demonstrate knowledge of plans, specifications and codes	CNT104	NAHB	N/A	1.1.11 E, F	N/A	13.2.11E	X	
C	Basic Construction Concepts	CNT105							
C004	Identify stationary machines and their proper uses	CNT105	NAHB	2.1.8D	1.1.11E,F	N/A	13.2.11E		x
C005	Ability to properly use necessary safety guards	CNT105	NAHB	2.1.8D	1.1.11E,F	N/A	13.2.11E		x
	Leadership	PFS109							
	Business Principles	PFS209							
	Total Quality Management	PFS309							
	10 - Fundamentals of Masonry								
D	Masonry Principles, Tools and Equipment	CNT 111							
D001	Demonstrate knowledge of mortar mixer safety procedures	CNT111	NAHB	N/A	1.1.8 A, C, D	N/A	13.2.11E		X
D002	Practice using the trowel laying different types of bed joints	CNT111	NAHB	N/A	1.1.8 A, C, D	N/A	13.2.11E		X
D003	Lay a head joint and a bed joint	CNT111	NAHB	2.1.8	1.1.8 A, C, D	N/A	13.2.11E		X
D004	Align masonry units with mortar	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D005	Use the masons level to plumb and level masonry units	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D006	Use the convex jointer to create a concave joint	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D007	Demonstrate knowledge of spacing rules	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D008	Use tools for alignment	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D009	Layout a dry bond with masonry units	CNT111	NAHB	2.3.5 A, B, C, E	1.1.8 A, C, D	N/A	13.2.11E		X
D010	Build a six block pyramid using 8" block	CNT111	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
E	Introduction to Brick and Block Leads	CNT112							
E001	Build a 4" all stretcher wall	CNT112	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
E002	Build an 8" concrete block corner lead	CNT112	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
F	Brick and Block Layout, Piers and Composite Walls	CNT 113							
F001	Construct a 12" brick and block composite corner lead	CNT113	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
F002	Build an 8" block pier 24" x 32", 6 courses high	CNT113	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8.D	N/A	13.2.11E		X
F003	Length and height masonry math problems	CNT113	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	1.4.8.A	13.2.11E		X
F004	Demonstrate knowledge of masonry estimating	CNT113	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	1.4.8.A	13.2.11E		X
G	Laser Technology in Block Construction	CNT114							

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G001	16' x 5'4" return	CNT114	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
G002	16" x 20" hollow brick pier	CNT114	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
G003	16' x 5'4" return	CNT114	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
H	Advanced Brick Techniques	CNT 115							
H001	Build a 8" block wall with a rowlock windowsill	CNT115	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
H002	Finishing mortar joints	CNT115	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
I	Math Applications in Foundation Layout	CNT116							
I001	Calculate foundation layout	CNT116	NAHB	CC.2.3.7.A.1					
I002	Calculate layout costs	CNT116	NAHB	CC.2.3.7.A.1					
I003	Estimating blocks using area method and perimeter method	CNT116	NAHB	CC.2.3.7.A.1					
I004	Read a tape measure	CNT116	NAHB	CC.2.3.7.A.1					
I005	Calculate concrete volume	CNT116	NAHB	CC.2.3.8.A.1					
I006	Convert between fractions, decimals and percent	CNT116	NAHB	CC.2.1.4.C.3					
I007	Solve for ratio and proportion	CNT116	NAHB	CC.2.1.7.D.1					
I008	Calculate area, perimeter, square feet, and volume	CNT116	NAHB	CC.2.3.7.A.1					
I009	Solve diagonal problems (Pythagorean Theorem)	CNT116	NAHB	CC.2.3.8.A.3					
I	Foundation Layout	CNT117							
I010	Complete Math for Foundation Layout	CNT117	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
I011	Complete a mystery job	CNT117	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E		X
I012	Diagonal/layout math problems	CNT117	NAHB	2.3.5 A, B, C, E, 2.2.5 A,-E	1.1.8 A, C, D	N/A	13.2.11E	X	
	20 - Rough Framing								
J	Basic Framing Techniques	CNT121							
J001	Rough frame a dog house	CNT121	NAHB	2.2.8.B, 2.2.8A	1.1.11.E,F	N/A	13.2.11E		X
J002	Demonstrate the ability to properly select and install various types of insulation	CNT121	NAHB	2.2.8.B, 2.2.8A	1.1.11.E,F	N/A	13.2.11E		X
J	Basic Exterior Applications	CNT122							
J003	Install siding on a doghouse	CNT122	NAHB	2.2.8.B, 2.2.8A	1.1.11.E,F	N/A	13.2.11E		X
J	Basic Framing Math	CNT106							
J004	Estimate number of studs used in building	CNT106	NAHB	CC.2.4.2.A.1				X	
J005	Add and subtract measurements	CNT106	NAHB	CC.2.1.4.B.1				X	
J006	Estimate materials used in framing	CNT106	NAHB	CC.2.4.2.A.1				X	
K	Site Preparation and Layout	CNT221							

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K001	Layout a building on site	CNT221	NAHB	2.2.8.B, 2.2.8A	1.1.11.E,F	N/A	13.2.11E		X
K002	Establish batter boards	CNT221	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.11.E,F	N/A	13.2.11E		X
K003	Determine grade levels	CNT221	NAHB	2.2.8.B, 2.3.8.A,C	1.1.11.E,F	N/A	13.2.11E		X
L	Fundamentals of Floor Framing	CNT222							
L001	Install the sill plate	CNT222	NAHB	2.3.5.A	1.1.11.E,F	N/A	13.2.11E		X
L002	Layout joist on 16" centers	CNT222	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.11.E,F	N/A	13.2.11E		X
L003	Install cross and solid bridging	CNT222	NAHB	2.3.8.A, 2.5.8.A- C	1.1.8.D	N/A	13.2.11E		X
L004	Construct a floor system from a set of blueprints	CNT222	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
M	Applied Foundations and Floor Framing	CNT223							
M001	Construct the first floor walls of a small house from a set of blueprints	CNT223	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
M002	Layout and install a floor opening	CNT223	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.11.E,F	N/A	13.2.11E		X
M003	Build a floor as a member in a work crew	CNT223	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	1.4.8.B	13.2.11E		X
M004	Estimate material needed for a floor system	CNT223	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	1.4.8.D	13.2.11E	X	
M	Math for Foundations and Floor Framing	CNT201							
M005	Convert decimal feet to feet and inches in fraction form	CNT201	NAHB	CC.2.1.4.C.3				X	
M006	Solve material estimation problems	CNT201	NAHB	CC.2.4.2.A.1				X	
M007	Calculate volume	CNT201	NAHB	CC.2.3.8.A.1					
M008	Solve diagonal problems (Pythagorean Theorem)	CNT201	NAHB	CC.2.3.8.A.3				X	
N	Principles of Wall Layout	CNT224							
N001	Layout a 5' x6' building	CNT224	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X

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N002	Layout a 5' x 6' building with a door and windows	CNT224	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
N003	Layout a 12' wall with a door, window and partition	CNT224	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
N004	Layout a 24' wall with windows and partitions	CNT224	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
N005	Demonstrate knowledge of theory on building walls	CNT224	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	1.4.11.B	13.2.11E		X
O	Fundamentals of Wall Framing and Construction	CNT225							
O001	Layout and build a 6' x 6' set of walls with doors and windows	CNT225	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
P	Advanced Wall Framing and Construction	CNT226							
P001	Build a set of walls as a member in a work crew	CNT226	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
P002	Install a window unit	CNT226	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E		X
P003	Estimate materials needed to build walls	CNT226	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	1.1.8.D	N/A	13.2.11E	X	
P	Math for Wall Framing	CNT202							
P004	Complete wall lay out activities	CNT202	NAHB	CC.2.3.7.A.1				X	
P005	Determine wall height	CNT202	NAHB	CC.2.3.7.A.1					
P006	Squaring walls	CNT202	NAHB	CC.2.3.7.A.1					
P007	Calculate lengths of wall components	CNT202	NAHB	CC.2.4.2.A.1					
P008	Locating windows and doors	CNT202	NAHB	CC.2.3.7.A.1					
P009	Convert decimals to fractions	CNT202	NAHB	CC.2.1.4.C.3				X	
P010	Addition and subtraction of fractions	CNT202	NAHB	CC.2.1.4.C.3				X	
P011	Solve material estimation problems	CNT202	NAHB	CC.2.4.2.A.1					
P012	Solve diagonal problems (Pythagorean Theorem)	CNT202	NAHB	CC.2.3.8.A.3				X	
Q	Gable Roof Construction	CNT227							

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Q001	Layout 5 different common rafters	CNT227	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	CC.1.2.11-12.1.	N/A	13.2.11E		X
Q002	Build a gable roof on a 6' x6' building	CNT227	NAHB	2.2.8.B, 2.3.8.A, 2.5.8.A,C	CC.1.2.11-12.1.	N/A	13.2.11E		X
Q003	Theory and estimate regarding gable roof	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E	X	
Q004	Build a gable roof as a member in a work crew	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Q005	Install roof sheathing	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Q006	Demonstrate the ability to construct scaffolding	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A			X
Q007	Explain and demonstrate proper/safe rigging procedures	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A			X
Q008	Demonstrate the ability and proper use of ladders	CNT227	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A			X
R	Hip Roof Construction	CNT 228							
R001	Layout 5 different hip rafters	CNT228	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
R002	Layout 5 different hip jack rafters	CNT228	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
R003	Build a hip roof on a small building	CNT228	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
R004	Build a hip roof as a member of a work crew	CNT228	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
R005	Theory and estimating regarding hip roofs	CNT228	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
S	Advanced Roof Construction	CNT229							
S001	Build a gambrel roof on a small building as a member of a work crew	CNT229	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
S002	Layout and build a standard W (fink) truss	CNT229	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
S003	Install trusses as a member of a work crew	CNT229	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
S004	Build a gable dormer on a gable roof	CNT269	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
S	Math for Roof Construction	CNT203							
S005	Measure Rafters	CNT203	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A		X	
S006	Measure Hip rafters	CNT203	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A		X	
S007	Estimate materials for roof construction	CNT203	NAHB	CC.2.4.2.A.1	CC.1.2.11-12.1.	CC.1.4.8.A		X	
S008	Solve diagonal problems (Pythagorean Theorem)	CNT203	NAHB	CC.2.3.8.A.3	CC.1.2.11-12.1.	CC.1.4.8.A		X	
T	Residential Construction Planning, Scheduling and Management	CNT321							
T001	Demonstrate the ability to read and interpret Americans with Disabilities Act (ADA) regulations	CNT321	NAHB						
T002	Design a full scale house with tailgate drawing	CNT321	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E	X	
T003	Estimate all material for a house	CNT321	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E	X	
U	Advanced Foundation and Floor Framing	CNT322							
U001	Build a foundation for a house	CNT322		CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
U002	Build a floor system for a house	CNT322		CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
V	Advanced Exterior Wall Framing	CNT323							
V001	Build first floor walls on a building	CNT323		CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
V002	Build the second floor walls of a building	CNT323	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
W	Advanced Roof Framing	CNT324							

Erie County Technical School
Construction Trades Duty/Task List

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Duty Area and Task #	Content Areas, Course Titles and Task Statements	Course Number	National Skill Standards	Math	Reading	Writing	Career Education & Work	Written Test	Performance Test
W001	Calculate rafter pitch and install roof rafters	CNT324	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E	X	
W	Advanced Roof Shingling	CNT325							
W002	Install drip edge and felt paper	CNT325	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		x
W003	Install roof shingles and a ridge venting system	CNT325	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		x
W004	Practice flashing around a chimney	CNT325	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		x
X	Door and Window Installation	CNT326							
X001	Stair Construction	CNT326	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
X002	Install doors and windows	CNT326	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
	30 - Exterior Finish								
Y	Roofing Materials and Applications	CNT231							
Y001	Install a vent on a roof	CNT231	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Y002	Flash a valley	CNT231	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Y003	Flash around a chimney	CNT231	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Y004	Install various types of shingles	CNT231	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Z	Installation of Soffit and Fascia	CNT332							
Z001	Install fascia	CNT332	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Z002	Install F channel	CNT332	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
Z003	Install soffit	CNT332	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
AA	Siding Applications I and II	CNT331, CNT333							
AA01	Install vinyl corners	CNT331, CNT333	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
AA02	Install J channel	CNT331, CNT333	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
AA03	Install siding	CNT331, CNT333	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
AA04	Installing gutters and downspouts	CNT331, CNT333	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
	40 - Interior Finish								
BB	Interior Trim	CNT241							
BB01	Install base trim with coped joints	CNT241	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
BB02	Install mitered trim on a window	CNT241	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
BB03	Install a window trim with a cabinet head, sill and apron	CNT241	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
BB04	Install hardwood, tile, and block flooring	CNT241	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
CC	Stair Layout and Construction	CNT242							
CC01	Layout 5 different stair stringers	CNT242	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
CC02	Build a set of stairs	CNT242	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
DD	Drywall Installation	CNT341							
DD01	Measure, cut and install drywall	CNT341	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
EE	Drywall Finishing Techniques	CNT342							

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Duty Area and Task #	Content Areas, Course Titles and Task Statements	Course Number	National Skill Standards	Math	Reading	Writing	Career Education & Work	Written Test	Performance Test
EE01	Finish seams both butt and tapered of drywall,	CNT342	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
EE02	Finish corner joints of drywall	CNT342	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
EE03	Install drywall plaster board on ceiling	CNT342	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
EE04	Spray textured ceiling	CNT342	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X
FF	Fundamentals of Residential Wiring	CNT343							
FF01	Build a number of electrical jobs	CNT343	NAHB	CC.2.1.HS.F.4	CC.1.2.11-12.1.	CC.1.4.8.A	13.2.11E		X