

Appendix: North Carolina Apprenticeship (NCDOL Programs)

Apprenticeship Title	Element(s)	FTCC Equivalent	Hours
BUILDING TRADES			
Industrial Electrician/Repairer	H	ELC 115	4
CARPENTER			
Foundations, Walls, & Floors	A	CAR 110	2
Foundations, Walls, & Floors	A	CAR 110 & CAR 111	10
Framing (Foundations & Walls)	B		
Foundations, Walls, & Floors	A	CAR 110, CAR 111, & CAR 112	18
Framing (Foundations & Walls)	B		
Roofs	C		
Exterior Work & Millwork	D		
Foundations, Walls, & Floors	A	CAR 110, CAR 111, CAR 112 & CAR 113 (*113 with Dept Chair approval)	24*
Framing (Foundations & Walls)	B		
Roofs	C		
Exterior Work & Millwork	D		
Interior Wall Coverings	E		
Floors	F		
Stairs	G		
Interior Finish	H		
COOK			
Receipt, Inspection & Storage	A	CUL 110, 140, 160, & 170	16
Food Service Sanitation & Safety	B		
Operation & Maint Major Kitchen Equip	C		
Preparation of Beverages	D		
Preparation of Salads & Dressings	E		
Preparation of Soups & Sauces	F		
Preparation of Vegetables	G		
Preparation of Meat	H		
Preparation of Seafood	I		
Preparation of Poultry	J		
Preparation of Appetizers & Relish Tray	K		
Preparation of Quick Breads	L		
Preparation of Standard Yeast Dough	M		
Preparation of Specialty Pastry	N		
Preparation of Cakes	O		
Specialized Cake Finishing	P		
Preparation of Cookies	Q		
Preparation of Pies	R		
Preparation of Buffet Centerpiece	S		
Preparation of Desserts	T		
Preparation of Breakfast Foods	U		
Preparation of Sandwiches	V		
Preparation of Rice/Pasta Products	W		

(continued on next page)

Apprenticeship Title			
Apprenticeship Title	Element(s)	FTCC Equivalent	Hours
LOGISTICS ENGINEER			
(through sponsorship with the U. S. Department	All	LOG 110	3
MACHINING TECHNOLOGY			
Identifying Metals	A	MAC 111 & MAC 112	12
Laying Out Workplace	C		
Using, Maintaining, Types of Tools	D		
Upright Drilling Machine	E		
Hand Taps and Dies	H		
Hacksawing Machine	K		
Sawing Operations (Bandsaw)	M		
Servicing Lathe	R		
Repair/Adjust (Lathe)	S		
External Turning (Lathe)	T		
Internal Turning (Lathe)	U		
Form Turning (Lathe)	V		
Taper Turning (Lathe)	W		
Threading Operation (Lathe)	X		
Milling Machine Operation	AD		
Safety	AE		
Drawing and Sketching (Shop)	B	MAC 131 & MAC 132	4
Designing Tools, Jigs, Fixtures	J	MAC 241	4
PLUMBER/PIPEFITTER			
Care and Use of Tools & Materials	A	PLU 110	9
Prep of Tools, Equip, & Materials	B		
Drainage Piping and Fitting	D		
Hot & Cold Water Systems	J		
Installing Cast Iron Pipe	C	*PLU-120 (with Dept Chair Approval)	9*
Venting	E		
Pipe Cutting, Reaming, Thread...	F		
Hot Water Heating Systems	G		
Gas System Appliances	K		
Single Fixture Installations	L		
Water Heater Installation	M		

Revised 07/24/2023