

## Requirements for Related Instruction

Students must enroll in 1 High School Credit or 3 College Credits for each year that they participate in the program.

## Purpose of Related Instruction

The purpose of choosing/assigning a related instruction course for Youth Apprenticeship students is to ensure that students are learning technical and academic skills that support the student's ability to perform their work tasks in their Youth Apprenticeship position. This should be done concurrently with the on the job training to make relevant connections between their learning competencies and their work.

## Choosing Related Instruction

Please work in collaboration with your YA Coordinator and School Counselor to determine the most appropriate option for related instruction. If there is a course within your high school's career pathway offerings directly related to the occupational area, that would be ideal especially if it offers dual credit and/or hours related to a potential registered apprenticeship. If there is not something in the district directly related to the occupational area, a related instruction in the same career cluster is also acceptable. If the district does not offer a course within that career cluster, students can request the option to register for a college course through [Start College Now](#) Program with the local technical college, [Early College Credit](#) with a local university or from an alternative provider such as [Destinations Career Academy](#). Please check with your school regarding specific policies and procedures for enrollment and payment. Suggested courses are included below, yet not all inclusive. There are some non-CTE courses that are allowable because they are often required at the post-secondary level, but CTE courses that directly support the skills needs of the Youth Apprenticeship are preferred.

Cluster/ Occupational Area	YA Work Role with keywords for Instruction	High School Course Examples (May include Dual Credit)	College Course Examples (Dual Enrollment, SCN or ECCP)	Non-CTE Allowable College Level Courses	Career Destination Academy Examples
<b>Architecture and Construction</b>					
Architecture Drafting and Planning	Read, edit or create architectural drawings of commercial or residential design	PLTW Engineering Courses (IED, POE, or CED), Architecture, Intro to Construction	Blueprint Reading, SolidWorks, Revit, AutoCAD, Intro to Building Instruction, Construction Math		Basic Grade & Construction Math
Carpentry		Home Improvement,	Blueprint Reading,		Basic Equipment

Fundamentals or Masonry/Concrete Fundamentals	Construction safety, reading blueprints, fundamental construction skills and use of equipment	Woods/ Woodworking, Intro to Construction, Home Maintenance, Building/ Construction	OSHA10, Intro to Building Instruction, Construction Fundamentals, Intro to Construction Management, Understanding Construction Drawings		Fundamentals	
Electrical Fundamentals		Home Improvement, Intro to Construction, Home Maintenance, Building/ Construction	Carpentry plus Residential Wiring or AC/DC		Basic Equipment Fundamentals	
Heavy Equipment Operator & Operating Engineer			Blueprint Reading, Welding, Maintenance & Light Repair, Engine Repair, Math for Machine Trades		Basic Equipment Fundamentals, Mobile Equipment Maintenance, Basic Grade & Construction Math, CDL Prep	
Mechanical/HVAC Fundamentals or Plumber/Sprinkler Fitter Fundamentals			Carpentry plus Welding Intro, Intro to Safety Weld/Metal Fab, GMAW, SMAW, GTAW Techniques, Weld Symbols and Print Reading, Welding Hand and Power Tools	Technical College Math	Basic Equipment Fundamentals	
Gas Distribution Technician			Installation, repair and maintenance of natural gas distribution			Basic Equipment Fundamentals
Utilities Electrical Technician				Routine service work on utility systems	Basic Electricity	Tech College Math