Nebraska CTE

Construction Trades 1

Apply safety principles, practices, philosophy, and guidelines to the work environment. STS.HS.10.1	a	**Complete applicable safety assessment with 100% accuracy.** STS.HS.10.1.A
	b	**Employ appropriate Personal Protective Equipment (PPE) while in the lab setting.** STS.HS.10.1.B
	c	**Employ eye protection in compliance with Neb. Rev. Statute 79-715.** STS.HS.10.1.C
	d	**Employ the safe application of tools and machines.** STS.HS.10.1.D
	e	**Explain the main hazards that are possible in the lab setting.** STS.HS.10.1.E
	f	**Demonstrate proper handling and storing of materials.** STS.HS.10.1.F
	g	**Demonstrate proper use of a ladder.** STS.HS.10.1.G
Identify career opportunities in the construction industry. STS.HS.10.2	a	**Describe work behaviors needed to be employable.** STS.HS.10.2.A
	b	**Identify employment trends in various construction sectors (e.g., residential, commercial, industrial, energy, green technologies, etc.).** STS.HS.10.2.B
	c	**Identify the responsibilities and characteristics of professionals in the construction industry** STS.HS.10.2.C
	d	**Identify the training, education, certification, and licensing requirements for various careers in the construction industry.** STS.HS.10.2.D
Demonstrate use of construction communications. STS.HS.10.	a	**Interpret construction terminology.** STS.HS.10.3.A
	b	**Identify construction tools and equipment.** STS.HS.10.3.B
	c	**Interpret construction plans, drawings, and schedules.** STS.HS.10.3.C
Summarize building systems and components. STS.HS.10.4	a	**Identify construction materials needed to complete a project (i.e., dimensional, engineered, and steel.** STS.HS.10.4.A
	b	**Identify different types of fasteners, adhesives, and finishes needed to complete a project.** STS.HS.10.4.B
De bu		**dentify, receive, and inspect materials.** STS.HS.10.5.A

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process STS.HS.10.5

b **Apply math functions and formulas to complete tasks.** STS.HS.10.5.B

c **Correctly and accurately use tools and equipment to perform material takeoff (MTO) from the drawings and meeting specifications.** STS.HS.10.5.C

d **Construct a project using dimensional, engineered, or steel components.** STS.HS.10.5.D