Nebraska CTE

Transportation 2

Explain safety principles, practices, and guidelines to the work environment. STS.HS.34.1	**a** Complete applicable safety assessment with 100% accuracy. STS.HS.34.1.A
	b Identify and explain the use of personal protective equipment. STS.HS.34.1.B
	c Describe proper use of a fire extinguisher. STS.HS.34.1.C
	d Demonstrate automotive lift safety best–practices. STS.HS.34.1.D
	e Demonstrate automotive battery safety best-practices. STS.HS.34.1.E
	f Apply the safe use of tools, machines, and equipment in alignment with industry standards to maintain a safe workplace. STS.HS.34.1.F
	g Describe the role of government agencies in providing a safe workplace. STS.HS.34.1.G
	h Explain the purpose for safe and environmental disposal of fluids. STS.HS.34.1.H
Identify career opportunities in the transportation industry. STS.HS.34.2	**a** Identify the most common transportation careers and related fields of employment. STS.HS.34.2.A
	b Identify the traits and skills employers look for in their employees. STS.HS.34.2.B
	c Identify the training, education, certification, and licensing requirements for various careers in the transportation industry. STS.HS.34.2.C
Identify correct tools, equipment and fasteners needed to diagnose and repair automobiles and mobile equipment. STS.HS.34.3	**a** Identify common hand tools, power tools, and equipment needed for diagnosis and repair of the automobile or mobile equipment. STS.HS.34.3.A
	b Describe the different types of service information platforms. STS.HS.34.3.B
	c Explain fundamentals of on–board diagnostics and scan tools. STS.HS.34.3.C
	d Identify proper fasteners, gaskets, seals, and sealants used in transportation. STS.HS.34.3.D
Summarize the various systems used on au eq	**a** Explain the fundamentals of the lubrication system. STS.HS.34.4.A
	b xplain the fundamentals of the fuel system. STS.HS.34.4.B

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c **Explain the fundamentals of the cooling system.** STS.HS.34.4.C

d **Explain the fundamentals of the brake system.** STS.HS.34.4.D

e **Explain the fundamentals of the suspension system.** STS.HS.34.4.E

f **Explain the fundamentals of the electrical system.** STS.HS.34.4.F

g **Explain the fundamentals of the ignition system.** STS.HS.34.4.G

h **Explain the fundamentals of the exhaust system.** STS.HS.34.4.H