

Lesson Plan	
Fundamentals of Training Venipuncture to High School Students	Duration: 4.0 hours
I. Overview: In this workshop, high school teachers will learn how to teach the venipuncture techniques used in a lab, clinic or doctor office.	
Standards [TEKS] 19 TAC Chapter 130 Career and Technical Education TEKS. Subchapter H. Health Science §130.222(c)(11)(b)(c) §130.223(c)(3)(a) §130.224 (c)(I)(A) §130.231(c)(9)(I) §130.231(c)(12)(A)(B)	
II. Learning Objectives: At the end of this class the learner will be able to: <ul style="list-style-type: none"> • Prepare the simulation arm for use during class. • Clean and store the simulation arm after class. • Explain the additives used in various tubes and explain the importance of using the correct tube for the specific tests ordered. • Instruct students on the techniques used to apply a tourniquet. • Instruct students on the fundamentals of vein selection. • Prepare the patient’s arm for venipuncture. • Demonstrate the proper angle for venipuncture with a vacutainer. • Demonstrate how to insert the needle into the vein for venipuncture. • Demonstrate how to smoothly switch tubes in the vacutainer when multiple tests are ordered. • Properly end the venipuncture. 	
III. Advance prep: This class is for health care science teachers. Learners should have prior knowledge of arm vein anatomy.	
IV. Activities: <ul style="list-style-type: none"> • Activity: Tourniquet Techniques. Learners practice tying a tourniquet to a classmates arm and selecting the vein to use for venipuncture. • Activity: Cleaning the Arm. Learners practice preparing a classmates arm for venipuncture. • Activity: Simulated Venipuncture Practice. Learners practice inserting a needle in to a <u>practice arm</u>, switching tubes, and ending the venipuncture. <p>NOTE: Venipuncture is simulation only. Learners <u>will not</u> perform venipuncture on a living person.</p>	
V. Assessment Criteria: The instructor will observe each learner to verify he/she can perform a successful venipuncture on a practice arm.	
VI. Safety: Learners will wear gloves when performing the <u>simulated venipuncture</u> . Learners will be advised of needle precautions and the proper disposal techniques for needles.	