**High Plains Technology Center**

**Health Careers**

**Learning Activity Packet (LAP) for Electrocardiograph Technician**

**Related unit of instruction:**

EKG Practicum

**Approximate Completion time:**

90 hours

**Rationale for the Lap:**

In this LAP, students participate in clinical practicum for the EKG Technician. Clinicals may occur in a variety of settings that utilize EKG monitors.

**Criteria for successful completion:**

By the end of this LAP the student will

1. Complete 90 hours of clinicals in a variety of settings that utilize EKG monitors.

**Learning Objective:**

1. Notify physician/RN of any significant dysrhythmia.

2. Identify artifact and correct causes.

3. Prepare patient for 12-lead EKG:

* Identify self and patient
* Skin preparation
* Lead placement
* Documentation of procedure

4. Maintain and care for EKG machine and tracings:

* Speed of paper
* Standard paper
* V1, V2, V3, V4, V5 and V6

5. Maintain a courteous and responsive attitude.

6. Identify and describe legal and ethical issues.

7. Use effective communication techniques.

8. Participate as a team member.

9. Maintain professionalism.

10. Demonstrate critical thinking skills.

11. Identify and apply medical terminology, symbols, and abbreviations.

12. Perform basic keyboarding skills and computer skills.

13. Utilize behavioral management techniques and apply management techniques.