

This comprehensive EKG Technician Course prepares students to function as cardiovascular (EKG) Technicians. This Course will include important practice and background information on anatomy of the heart and physiology, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, respiratory therapy assisting, and electrocardiography.

Additionally, students will practice with equipment and perform hands on labs including introduction to the function and proper use of the machine, the normal anatomy of the chest wall for proper placement, 12-lead placement and other clinical practices. Students wishing to use this course toward a health degree or certificate must obtain a 77% or above.

For further information,  
Please call 559-925-3490.

Please Self Register Through:  
<http://www.westhillscollge.com/lemoore/index.php>



WEST HILLS COLLEGE  
LEMOORE

Dates and Time:

May 24, 2016 to

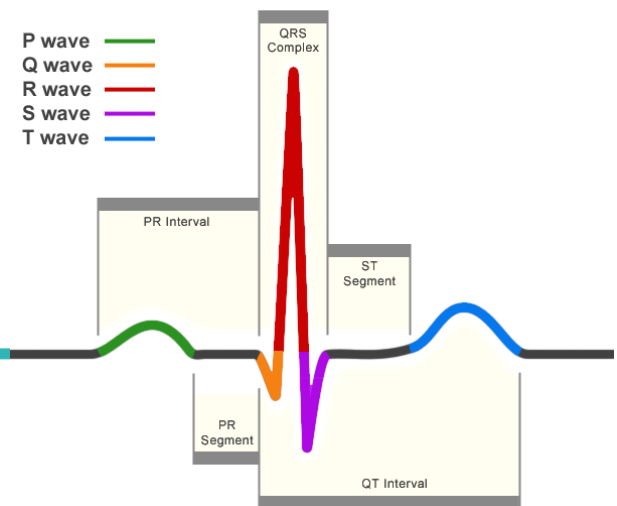
August 2, 2016

Tuesdays 3:00PM to 7:00PM

Contact the Health Career Office for  
more details  
(559) 925-3490

# Basic EKG Technician

ECG of Normal Sinus Rhythm



## Objectives:

On Completion, the participant will be able to:

1. Understand basic cardiac anatomy and physiology.
2. Describe the electro physiologic basis of cardiac arrhythmias.
3. Describe arrhythmia monitoring equipment and procedures and identify components of a cardiac cycle and EKG strip.
4. Utilize an organized analysis format to gather data from a rhythm strip to interpret the presenting arrhythmia.
5. Recognize arrhythmias that originate within the Sinus Node.
6. Recognize arrhythmias that originate within the Atrium.
7. Recognize arrhythmias that originate within the AV Node.
8. Recognize arrhythmias that are manifestations of conduction defects at the AV Node.
9. Recognize arrhythmias that originate within the Ventricles.
10. Be familiar with arrhythmias included in testing for ACLS Certification.
11. Be familiar with the clinical implications of arrhythmias

## Outline of Class:

### Lesson 1

- Chapters 1-5
- ✓ A & P of the Heart
- ✓ Electrophysiology
- ✓ Waveforms, Intervals, Segments & Complexes
- ✓ Cardiac Monitors
- ✓ Analyzing a Rhythm Strip

### Lesson 2

- Chapters 6 & 7
- ✓ Sinus Arrhythmias
- ✓ Atrial Arrhythmias

### Lesson 3

- Chapters 8 & 10
- ✓ Junctional Arrhythmias & AV Blocks
- ✓ Pacemakers

### Lesson 4

- Chapter 9
- ✓ Ventricular Arrhythmias
- ✓ Practice Makes Perfect

### Lesson 5

- ✓ Putting it all Together
- ✓ Review and Q & A
- ✓ FINAL EXAM

### Lesson 6

- ✓ Putting it all Together
- ✓ Review and Q & A

### Lesson 7

- ✓ Putting it all Together
- ✓ Review and Q & A

### Lesson 8

- ✓ Putting it all Together
- ✓ Review and Q & A

### Lesson 9

- ✓ Putting it all Together
- ✓ Review and Q & A

### Lesson 10

- ✓ FINAL EXAM

## Class Fee:

Cost to out-of-house participants is \$90 and includes book, handouts, and certificate of completion.

There is *no charge* to in-house staff. They have the option to buy the textbook for \$40 or borrow a used book and return it.

### CONTINUING EDUCATION:

EMS Continuing education (CE) 15 hours have been applied for and are pending approval.

### CANCELLATION DISCLAIMER:

In the event you need to cancel, your registration, minus a \$20.00 processing fee, will be refunded if course site is notified 14 days prior to course date. You will also need to return the book, unless you purchased it.

**NO REFUNDS WILL BE MADE IF CANCELLATION IS MADE WITHIN 14 DAYS OF THE START OF THE CLASS.**

Substitutions are acceptable. Please contact us for approval **PRIOR** to the start of the first class.

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