**Cluster: Health Science**

**Pathway: Diagnostic**

**State Program Name: Electrocardiograph Technician**

**OCAS Code: Diagnostic Services**

**CIP Code: 51.0902 Electrocardiograph Technology/Technician**

**SOC Code: 29-2031.00 Cardiovascular Technologists and Technicians**

**Approved Assessments: 8307 Certified Cardiographic Technician**

**8520 EKG Technician (EKG1)**

**8721 EKG Technician (CET)**

**Description**

Electrocardiograph (ECG or EKG) technicians usually work under the supervision of physicians or licensed nurses in hospitals, doctors' offices, or clinics. They operate electrocardiogram equipment to monitor the patient’s heart rhythm. Students in this major complete the Health Careers Core Curriculum (Technology Center), medical terminology, and anatomy and physiology. They also learn how to connect electrodes to patients, monitor equipment output, record test results, and identify emergencies or abnormalities. Additionally, students are provided the opportunity to use the theory in practical clinical experiences.

**Total Hours Original Framework: 525**

**Total Hour Recommended: 600**

**Prerequisites: None**

**No Specific Requirements in Oklahoma**

**2016 Courses**

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| --- | --- | --- |
| **Hours** |  | **Course Title** |
| 225.00 |  | Health Careers Core Curriculum (Technology Center) |
| 45.00 |  | Core Medical Terminology |
| 120.00 |  | Anatomy and Physiology |
| 15.00 |  | Core Healthcare Provider CPR and First Aid |
| 15.00 |  | EKG Management |
| 15.00 |  | Analyze EKG Tracing |
| 90.00 |  | EKG Practicum |

**Offered at:**

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| --- | --- |
| **District** | **Campus** |
| Caddo-Kiowa Technology Center | Ft Cobb |
| Central Technology Center | Drumright |
| Central Technology Center | Sapulpa |
| High Plains Technology Center | Woodward |
| Red River Technology Center | Duncan |
| Southwest Technology Center | Altus |

**Course Outlines**

**Course Name:**

**Course Hours:**

**Course Description:**

**Course Objectives:**

**Recommended Resources:**

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**Campuses Approved For This Career Major**

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| --- | --- |
| **Local Name** | **Actions** |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=17858) |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=20489) |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=19961) |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=20192) |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=20286) |
| Electrocardiograph Technician | [View Approved Career Major](https://www.okcareertech.org/ctis/instructional_framework/approved_framework/approved_career_majors?action=view&approved_career_major_id=20078) |