

NASSAU BOCES - ADULT EVENING PROGRAM
Joseph M. Barry Career & Technical Education Center
1196 Prospect Ave.
Westbury, NY 11590

COURSE OUTLINE

Course Name: **EKG (Electrocardiograph Technician)**
Weeks: 8
Sessions: 16
Hours: 48
Days/Time: Tue/Thu 6-9 pm
Instructor: Denise Kirchner
Required Textbook: None
Prerequisites: None
Adult evening Office: (516) 622-6950

Course Overview:

This course will include the proper procedures for taking vital signs, techniques in blood pressure measurement and management, acquisition and basic interpretation of lead EKG's, cardiac monitoring, basic first aid, proper mounting of EKG strips and certification in CPR for those who complete the necessary tests.

Certificate Program: For an EKG certificate of completion student will have to take an additional course in the Health Occupations for a minimum total of 98 hours. Choose from Hemodialysis Technician, Medical Assistant or Phlebotomy Technician.

Course Topics

Session 1 Terminology;
Session 2 Abbreviations
Session 3 Vital Signs; Practice
Session 4 Full History of Patient; Practice
Session 5 Introduction to EKG; Practice with EKG
Session 6 Naming Rhythms; Practice
Session 7 Anatomy and Physiology of the Heart
Session 8 EKG Equipment and Supplies
Session 9 Physical Needs of Cardiac Patients
Session 10 Performing; Mounting EKG's; Practice
Session 11 Basic EKG Interpretation
Session 12 Clinical Disorders and Emergencies
Session 13 Special Procedures Related to EKG
Session 14 Basic First Aide
Session 15 Practice with EKG Machine/Vital Signs
Session 16 Review and Final Exam