



# Wayne County Community College District

## COURSE SYLLABUS

### BET 240 – Bio-Medical Equipment Repair Technology Practicum I

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course provides observations and participation in structured learning roles and activities within a hospital setting or with an employer in the Bio-Medical field. Students will be required to complete 300 hours at an approved practicum site.

**PREREQUISITES:** BET 110

**EXPECTED COMPETENCIES:**

Upon successful completion of the course, the student will be able to:

- Identify the basic departmental operations within a hospital setting
- Identify the physiological principles applicable to each department within a hospital setting
- Identify equipment operations for each department of the hospital.
- Demonstrate an understanding of policies and procedures as it relates to Biomedical Equipment Repair Technology
- Calibrate medical equipment
- Troubleshoot equipment problems effectively.
- Demonstrate proper utilization of Bio-Medical test equipment.
- Adhere to safety procedures.
- Demonstrate an understanding of proper medical equipment repair
- Respond accordingly to instructions and concerns of superiors, co-workers and other hospital staff.
- Collaborate with hospital staff and students

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A

80%-89.9% = B

70%-79.9% = C

60%-69.9% = D

<60% = E