

# Dakota County Technical College

## **BMET 2970: Biomedical Equipment Technology Internship**

### **A. COURSE DESCRIPTION**

Credits: 1,2,3,4,5,6

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

In this course students work full shifts in a clinical site within the Biomedical Engineering Department. They are expected to observe and apply all of the BMET skills learned thus far - the same skill that would be expected of an employee. Prerequisites: BMET1110, BMET1210, BMET1220.

**B. COURSE EFFECTIVE DATES:** 08/21/2003 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. Demonstrate communication ability
2. Demonstrate dependability
3. Demonstrate electrical safety knowledge
4. Demonstrate good attendance
5. Demonstrate good interpersonal relations
6. Demonstrate on-the-job training
7. Demonstrate physical safety knowledge
8. Demonstrate proper attitudes
9. Demonstrate punctuality
10. Display proper appearance
11. Follow supervisor's instruction
12. Maintain orderly work environment
13. Comply with regulatory agency policies
14. Demonstrate ESD precautions
15. Demonstrate component-level knowledge
16. Demonstrate good judgment
17. Demonstrate hand tool usage
18. Demonstrate initiative
19. Demonstrate mechanical ability
20. Demonstrate service manual usage
21. Demonstrate soldering ability
22. Demonstrate system-level knowledge
23. Demonstrate technical knowledge
24. Demonstrate test equipment operation
25. Operate volt-ohmmeter
26. Perform quality work
27. Perform required documentation
28. Repair electronic circuit
29. Respect patient privacy and confidentiality
30. Test electronic circuit
31. Troubleshoot electronic circuit
32. Troubleshoot mechanical problem

#### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted