

Manufacturing and Technology Program-Biomedical Equipment Technology Option

Program Mission:

The mission of the Manufacturing and Technology Program-Biomedical Equipment Technology Option at Jefferson State Community College is to prepare students to enter the field of medical equipment repair as competent and entry level technicians. The Program exists to supply the medical industry with qualified people to maintain and repair the equipment found in hospitals and clinics. We are committed to accomplishing this mission while allowing students to achieve their goals.

Program Outcomes

- Program Completion - Graduation rate will meet or exceed state viability requirement
- Program Satisfaction - At least 75% of graduates surveyed will report satisfaction with educational preparation(as indicated by very well prepared or adequately prepared on Graduate Questionnaire)
- Job placement - 75% of graduates will be employed in field or in a manufacturing technology related field within twelve months of graduating
- Employer Satisfaction - 80% of employers surveyed will indicate that graduates were adequately prepared for entry level positions (as indicated by very well prepared or adequately prepared on Employer Survey/Questionnaire)

Student Learning Outcomes

1. Be able to service medical equipment in a safe, proficient manner.
2. Students admitted to the BET program will complete the program as technically competent individuals ready to enter the workforce.
3. Work effectively with other technicians and assistant other health care personnel in their understanding of how medical equipment operates.
4. Utilize effective written communication and maintain medical record and equipment preventive maintenance forms.
5. Maintain effective verbal and nonverbal communication with health care providers, patients/clients, caregivers and families, and the public.

Program Mapping:**I:** Introduced in this course.**P:** Practiced in this course.**M:** Mastered in this course.

COURSES	PLSLO #1	PLSLO #2	PLSLO #3	PLSLO #4	PLSLO #5
BET 211	I, P	I, P	I, P	I, P	I
BET 222	I	I	I	I	I
BET 233	I, P	I, P	I	I	I
BET 234	I, P	I, P	I, P	I, P	P
BET 240	I, P, M	I, P, M	I, P, M	I, P, M	I, P, M
BET 241	I, P	I, P	P	I, P	I, P
ELM 200	P, M	I, P	P, I	I, P	I, P
ELM 201	P, I	I, P, M	P, M	I	I, P, M
ELM 202	P, I	I, P	P	I	I
ELM 205	P, I	P, I	P	I	I
ELM 206S	I, P,	I, P, M	I, P	I, P	I
ELM 210	P	P, I	P, I	I, P	I
MET 190	I	I	I	I	I