**Biomedical Equipment Technology Unit Goals Revision**

**2016- 2017**

**Unit Goals Revised for 2016-2017**

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| **Unit Goals** | **Objectives** | **Method of Assessment** | **Additional Funding Requests** |
| **Goal 1**: Transform the Biomedical Equipment Technology Program Option at Jefferson State Community College to be recognized as the state’s premier provider of education with regards to this discipline.  **Program Outcome**  Program Satisfaction: At least 75% of graduates surveyed will report satisfaction with educational preparation.  Employer Satisfaction - 80% of employers surveyed will indicate that graduates were adequately prepared for entry level positions.  **Program Student Learning Outcome**  Perform the duties of an entry-level Biomedical Equipment Technician required of the medical equipment repair industry. | 1. Purchase necessary equipment and supplies to provide high quality campus laboratory experiences | 1. Students report satisfaction with available resources. 2. Employers will report that at least 80% of students graduating from the program know how to use standard test equipment and know how to test basic medical equipment. | $0: Use existing college internal resources to perform and analize student and industry surveys. |
| **Goal 2:** Retain quality full-time and part-time instructors to ensure the option to meet the needs of the students.  **Program Outcome**  & **Program Student Learning Outcome**  Stated in Goal 1 above. | 1. Maintain present full and part-time faculty. 2. Provide Professional Development opportunities to train instructors on curriculum applicable technologies and teaching skills. | 1. Obtain feedback from faculty through student evaluations. | 1. Salary per appropriate salary schedule to hire and/or maintain full-time and part-time instructors as needed based on class loads. |
| **Goal 3:** Maintain the student laboratories with up-to-date instructional equipment in order to provide quality instruction.  **Program Outcome**  & **Program Student Learning Outcome**  Stated in Goal 1 above. | 1. Purchase necessary equipment and supplies to provide high quality campus *laboratory experiences*. | 1. Students satisfaction with available resources. 2. Sufficient technical equipment meets student and program outcomes. | **General**   1. $3000: Routine lab/classroom supplies and materials. 2. $6000: Three Desktop computers to be used in the laboratory. Will be used to host equipment database (Medimizer) used by many hospitals and biomed companies across the nation. Database software will be supplied at no cost. 3. $5000: Pronk SC-4 SimCube® + OX-1 OxSim® Simulation Kit. Used to test basic biomedical equipment. I.e., Blood pressure machines, pulse oximeters 4. $2000: 5 Tool Kits to be used by students while in class and/or lab. 5. $3795: Medical defibrillator tester with accessories 6. $1000: Centrifuge (1) 7. $355: Tachometer used to test centrifuges. 8. $3000: Dinamap Blood Pressure Machine. 9. $90,926: Purchase 6 Nida trainers and peripherals to be installed in *Room 021* at the George Layton Building. The Nida trainers are the industry standard with regards to training students in the area of basic electronics, digital electronics, basic electricity all of which are a huge part of the Biomedical Technology Discipline. Joint plan between Manufacturing and Biomedical programs, move existing NIDA equipmemt in JSM 228 to GLB 021 increasing number of total stations to 21. |
| **Goal 4:** Faculty and students have access to technology and classroom resources to achieve course and program outcomes  **Program Outcome**  & **Program Student Learning Outcome**  Stated in Goal 1 above.  . | 1. Purchase necessary equipment and supplies to provide high quality campus *class-room experience*.      1. Keep PC computer technology current as supported by the college’s IT department. | 1. Students report satisfaction with available resources. 2. Faculty report satisfaction with available technology and classroom/lab resources. | 1. $4500: Install audio/visual system in *Room 023* at George Layton Building. 2. $??: Paint one wall with Dry Erase Paint ($200/gallon) for ease of instruction while in laboratory room 006. Remove old chalk board. 3. $??: Paint ($200/gallon) one wall with Dry Erase Paint for ease of instruction while in class-room 023. 4. $2000: Replace old outdated stools and tables in *Room 006* at George Layton Building. 5. $4500: Replace old outdated chairs, tables and carpet in *Room 023* at George Layton Building. 6. $?? Replace old severely stained ceiling tiles and sheet rock cinder block walls. Replace dated floor tiles, Room 023 and Lab Room 006. |