

Client : Brown Mackie Colleges
Project : White Paper
Objective: Justification for Biomedical Equipment Technology Associate Degree(a B2B or B2C program)

Key Elements of the White Paper

Executive Summary:

There is a growing market for professionals with a degree in Biomedical Equipment Technology. This is an expanding field and excellent opportunity to students to become part of the medical field and for our schools to reach a new market. It is also an excellent opportunity for those schools already offering electronics and medical programs since some of the required equipment may already be available at these campuses.

The Biomedical Equipment Technology program will appeal to students interested in a career that involves the medical and healthcare industry, electronics and computers. Professional certification is an appealing resume feature with career support through professional associations. The multidisciplinary skill set is transferable to several career fields.

Training, Other Qualifications, and Advancement (excerpt):

Educational requirements for other precision instrument and equipment repair jobs also vary, but include a high school diploma, with a focus on mathematics and science courses. Because repairers need to understand blueprints, electrical schematic diagrams, and electrical, hydraulic, and electromechanical systems, most employers require an associate or sometimes a bachelor's degree in instrumentation and control, electronics, or a related engineering field. In addition to formal education, a year or two of on-the-job training is required before a repairer is considered fully qualified. Many instrument and equipment repairers begin by working in a factory in another capacity, such as repairing electrical equipment. As companies seek to improve efficiency, other types of repair workers are trained to repair precision measuring equipment. Some advancement opportunities exist, but many supervisory positions require a bachelor's degree.

Sections Included in the White Paper:

- Introduction
- Nature of the Work
- Tasks of the Position
- Work Activities
- Working Conditions
- Knowledge, Skills, Abilities and Work Styles
- Training, Other Qualifications, and Advancement
- Employment and Earnings
- Job Outlook
- Related Occupations
- Biomedical Technology Programs in Brown Mackie College States (included competitive curriculum)
- References



Holly Helscher

"An Authentic Voice in B2B"

Curriculum was adopted on the strength of the White Paper. Market studies determined geographic areas where it would do best for the college brand. It remained with the college until it closed in 2017

Note: The college paid me a fee outside of my salary to prepare the white paper. I also created the curriculum and was part of selecting the required equipment. With in-house architects, I developed the classroom setting/footprint for the Biomedical Equipment Technology lab.