

Fiber Optics Manufacturing Principles and Practices -- a Training and Development Program for Potential Employees of the Industry

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ABSTRACT

Rowan-Cabarrus Community College has been chosen by the NC Community College System to develop a fundamental skill-training program about fiber optics manufacturing for use by potential employees of the industry. Recently, the fiber optics manufacturing industry has been one of the fastest growing industries in the state and at the same time is an industry that very few people know about. Consequently it has been difficult for the industry to recruit new employees with the right skills. The goal of this project is to develop an instructional module describing the general manufacturing processes used by the various fiber optic cable manufacturers. The main objectives of this module are to develop a non-technical instructional program for classroom instruction and be generic when addressing trade secrets. It is estimated that several thousand people may use this program prior to seeking employment in fiber optic manufacturing.