

# **Overview of Central Georgia Technical College's Metrology Program**

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## **Abstract**

The Metrology Associate Degree program at Central Georgia Technical College is designed to meet the precision measurement needs of industry by preparing graduates through both theoretical and hands-on laboratory work to successfully enter the work force. The emphasis of this program is Physical and Electrical Dimensional Metrology. The program was started in 2001 based on a request from Warner Robins Air Logistics Center located at Robins Air Force Base, Georgia. The massive depot level repair center for all the cargo aircraft in the Air Force's inventory, the F-15 Air Superiority Fighter, and all the airborne electronics that are so vital to our nation's defense was faced with a shortage of trained metrology personnel to man the calibration laboratory at Robins. Central Georgia Technical College (CGTC) stepped up to the challenge and developed a Metrology curriculum. The curriculum has been updated several times based on input from our Metrology Advisory Committee that meets at least twice a year. CGTC offers an Associate of Applied Technology (AAT) degree in Metrology, a Metrology diploma and several Technical Certificates of Credit (TCC) in ISO-9000 Quality Systems, in Physical Metrology, Electrical Metrology and a Certified Calibration Technician. This presentation will cover additional details of CGTC's resident and online programs for Metrology.