



SOUTHERN UNION STATE COMMUNITY COLLEGE

New Construction Commissioning Services

About the Facility:

Southern Union State Community College (SUSCC) is the result of the Alabama Community College System effectively merging Southern Union State Junior College and Opelika State Technical College. Each partner brought to the merger history rich in tradition of service to students. Today, the college serves more than 4,000 students each semester from its campuses in Wadley and Opelika.

SEA was contracted to commission a combined total of 115,000 square feet of conditioned space for two buildings on the Opelika campus. These buildings included the Center for Integrated Manufacturing (a 2-story structure containing technical shops, classrooms, a computer lab and office space), and The Business and Technology Center (a 3-story structure containing a testing center, computer lab, classrooms, office space and a multi-purpose meeting area.)

Scope of Work

SEA commissioned all energy using systems, including the building envelope, HVAC and controls, domestic hot water and lighting controls. This project also included building envelope air pressurization and depressurization testing, as well as Testing, Adjusting and Balancing (TAB). SEA was also contracted to coordinate, witness and document training for major equipment and to perform a second season building evaluation.

The scope of work included a 50% and 100% design review prior to the development of a commissioning plan. The commissioning plan embraced pre-functional performance procedures, including HVAC and controls, envelope, domestic water heating system, lighting controls and electrical.

Construction phase responsibilities included review of envelope construction, review of major equipment installation, witnessing of component startup, pre-functional testing, witnessing of TAB, and completion of Functional Test Procedures (FTPs).

Unique characteristics of this project, included:

- High Process Loads
- Laboratories
- Compressed Air



Project Completed



Project Cost



Square Feet
Commissioned



Buildings
Commissioned

