



Paper and Chemical Technology

ASSOCIATE DEGREE

Prepare for an exciting career with a Paper and Chemical Technology degree from Alabama Southern

As one of the nation's leading training centers for paper and chemical workers, Alabama Southern offers students the opportunity to learn Paper and Chemical Technology in a world-class educational facility and receive an Associate in Applied Science degree in just two years. Alabama Southern's state-of-the-art labs have been recognized by the National Science Foundation as the Advanced Technological Education National Center for Pulp and Paper Technology training. The labs, located on our Thomasville campus, prepare students to enter the job market ready to succeed in some of the best jobs in our area.

The Paper and Chemical Technology program also includes exposure to real-life industry settings and top students can participate in available internships at area industries.

Working Together To Build A Better Future For All Of Southwest Alabama

Alabama Southern's Alliance for a Technologically Advanced Workforce breaks new ground in job training. Industry, labor, community and education leaders joined forces to design this degree program to create a world-class workforce for industries in Southwest Alabama. As a result of this program, over 85 percent of Paper and Chemical program graduates receive jobs locally.

Paper and Chemical Technology at Alabama Southern began as a partnership among Ciba, PACE Local 3-562 and the College. The partnership has since expanded to include the participation of Auburn University through the Center for Excellence in Forestry, Paper and Chemical Technology and the National Science Foundation (NSF).



Campus Location

www.ascc.edu

Thomasville Campus

P.O. Box 2000
Thomasville, AL 36784
(334) 636-9642

Contact

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Admissions
(334) 637-3143
(251) 575-8222
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Cutting-Edge Facilities Give You A Head Start In A Fast-Paced Industry

Alabama Southern's Paper and Chemical Technology degree program was designed with the help of local paper and chemical industries. These industries remain involved and continue to assist faculty and staff in making sure courses and labs reflect industry trends and technology. In fact, employees from area plants make classroom presentations at the college and serve as mentors for students who participate in internships.

Alabama Southern's labs put students into an operating chemical plant controlled from a computer room. This design models full-scale industrial operations in chemical plants and paper mills. The National Science Foundation (NSF) helped fund the lab through a grant, and Auburn University helped develop safety processes for the labs.

Plants within the lab operate as units of an industrial chemical plant or paper mill, giving students hand-on experience that will put them ahead in the workplace. In the lab, Plant A, a process control plant, trains students on pressure, flow, temperature and levels. A crystallization plant, a reactor, a water treatment plant and a waste treatment plant make the lab like a typical industrial site.

Industry Alliance Scholarships/Internships

The Alabama Southern Industry Alliance for a Technologically Advanced Workforce has helped us build a workforce development program that is recognized as one of the nation's best. The American Chemical Society has described our program as a workforce development model for the nation.

Alabama River Cellulose and BASF are committing scholarships and internships to the Paper and Chemical Technology students of Alabama Southern Community College. Applications are available in the Student Development office on the Thomasville campus. Scholarships are limited, and the application deadline is February 15. For more information contact the Financial Aid office at (251) 575-8256 or (334) 637-3168.

Admission Requirements

- Students must have a high school diploma or GED.
- Students must complete an Alabama Southern admissions application and submit official transcripts of all previous academic work to the office of Student Development.
- Students must take the COMPASS Placement Test for placement in English, math and reading.

Financial Aid

Financial aid is available for most of our programs. Pell Grants are available for students who qualify. Students should apply for financial aid four to six weeks prior to planned date of enrollment.

Classes in area of Concentration include: General Education Core

CHM 104 Introduction to Inorganic Chemistry
CIS 146 Microcomputer Applications
ENG 101 English Composition I
IDS 299 Leadership 101
MTH 116 Mathematical Applications
Or MTH 100 Intermediate College Algebra
PHL 206 Ethics and Society
Or PHL 200 Ethics in the Workplace
PSY 200 General Psychology
Or ECO 231 Principles of Macroeconomics
Or ECO 232 Principles of Microeconomics
SPH 107 Fundamentals of Public Speaking

Technical Core

IET 111 DC Fundamentals
IET 112 Industrial Safety
IET 121 Mechanical/Structural Fundamentals
Or MTT 121 Basic Blueprint Reading for Machinists
IET 122 Rotating Machinery and Controls
IET 131 Fluid Power Systems
IET 143 Principles of Industrial Electricity
ILT 108 Intro to Instruments and Process Control

Degree Emphasis Specialty Courses

ILT 110 Advanced Industrial Process Control Tech
PCT 111 Intro to Pulp and Paper
PCT 122 Intro to Process Technology
PCT 132 Paper and Chemical Processes
PCT 142 Industrial Processes
PCT 211 Paper and Chemical Manufacturing/Environmental
PCT 221 Unit Operations
PCT 222 Unit Maintenance
PCT 231 Statistical Process Control



For complete curriculum information, plans of study and course offerings visit the Paper and Chemical Technology link at www.ascc.edu