



**PAPER AND CHEMICAL TECHNOLOGY**

**Short Term Certificate**

**Program Locations: Thomasville Campus**

Length: Two Semesters

The Paper and Chemical Technology Program is designed to prepare students for entry level jobs in paper and chemical process industries.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of STARS.

<b>AREA V: Pre-Professional, Major, and Elective Courses</b>	
PCT 120 – Pulp Manufacturing Technology	3
PCT 122 – Introduction to Process Technology	3
PCT 135 – Paper Manufacturing Technology	3
PCT 210 – Environmental Control Technology	3
PCT 221 – Unit Operations	3
PCT 231 – Statistical Process Control	3
ELT, IET, ILT, INT, PCT or WKO Electives: Choose <b>three</b> from the following: ELT 114 – Residential Wiring Methods ELT 115 – Residential Wiring Methods II ELT 131 – Wiring I Commercial and Industrial ELT 212 – Motor Controls II ELT 231 – Introduction to Programmable Controllers ELT 232 – Advanced Programmable Controllers ELT 233 – Applied Programmable Controls ELT 241 – National Electric Code IET 122 – Rotating Machinery and Controls ILT 110 – Advanced Industrial Process Control Tech. ILT 114 – Instrumentation Operation & Calibration ILT 115 – Advanced Industrial Controls ILT 166 -- Motors and Transformers I ILT 214 – Control and Troubleshooting Flow, Level, Temperature, Pressure and Level Processes ILT 215 – PLC Monitoring and Control of Instrumentation Process Variables ILT 218 – Industrial Robotics Concepts ILT 180 – Special Topics INT 106 – Elements of Industrial Mechanics INT 127 – Principles of Industrial Pumps and Piping Systems INT 132 – Preventive and Preventive Maintenance INT 134 – Principles of Industrial Maintenance Welding an Metal Cutting Techniques INT 158 – Industrial Wiring I INT 161 – Blueprint Reading for Industrial Tech. INT 222 - Special Topics INT 180 – Special Topics INT 232 – Manufacturing Plant Utilities INT 291 – Cooperative Education WKO 106 – Workplace Skills	9
	3
<b>Total Hours</b>	<b>27 SH</b>