

PAPER AND CHEMICAL TECHNOLOGY

Associate in Applied Science Degree

LENGTH: Six Semesters

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

AREA I WRITTEN COMPOSITION 3 SH

ENG 101 English Composition I 3

AREA II HUMANITIES AND FINE ARTS 6 SH

Humanities Elective ART 100, MUS 101, PHL 200, PHL 206, REL 151, or REL 152 3

SPH 107 Fundamentals of Public Speaking 3

AREA III NATURAL SCIENCE AND MATHEMATICS 10 SH

CHM 104 or higher Introduction to Inorganic Chemistry 4

CIS 146 Microcomputer Applications 3

MTH 116 or higher Mathematical Applications or higher 3

AREA IV HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES 3 SH

Elective ANT, ECO, GEO, HIS, POL, PSY, or SOC 3

AREA V PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES 46 SH

IET 114 Basic Electricity 3

IET 131 Fluid Power Systems 3

ILT 108 Introduction to Instruments and Process Control 3

INT 117 Principles of Industrial Mechanics 3

INT 215 Troubleshooting Techniques 3

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

Electives ELT, IET, ILT, INT, or PCT 9

WKO 107 or ORI 101 Workplace Skills Preparation or Orientation to College 1

WKO 110 NCCER Core 3

Total Hours 68 SH

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.