

# Process Technology Certificate

## Degree Requirements

The educational pathway in Industrial Development begins with students completing 29 hours of industry specific training that earns them a certificate they possess the knowledge and skills needed to enter the workforce. The curriculum has been developed by the North American Process Technology Industrial Advisory Board. The curriculum is composed of eight core classes and a skills lab. These stackable education programs are aimed at providing a pathway for students, either new or already in the workforce, where each step of the process provides the students with skills that are immediately usable in industry.

## Requirements For Information Systems And Technology Non-Degree Certificate In Process Technology

Course ID	Course Title	Credit Hours
IPT 113	Introduction to Process Technology	3 hrs
IPT 141	Process Quality	3 hrs
IPT 142	Process Technology I-Equipment	4 hrs
IPT 143	Process Technology II-Systems	3 hrs
IPT 151	Safety, Health and Environment	3 hrs
IPT 171	Process Instrumentation	3 hrs
IPT 232	Process Technology Trouble shooting	3 hrs
IPT 244	Process Technology III- Operations	4 hrs

## Department Information

### Department of Information Systems and Technology Staff

Senior Instructor, Information Technology Degree Program Coordinator, and Department Chair

Mrs. Angela M. Clark

Professor, Information Systems Degree Program Coordinator

Dr. Jeffrey P. Landry

Associate Professor, Health Informatics Degree Program Coordinator

Dr. Matt Campbell

Department of Information Systems and Technology website  
<https://www.southalabama.edu/colleges/soc/cist>

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## Information Systems

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The Information Systems (IS) discipline centers on the development of systems that will improve the performance of people in organizations. Information Systems professionals design, implement, and maintain the information systems that form the backbone of today's global economy. Information Systems graduates pursue professional careers as application developers, database analysts, systems analysts, IS project managers and directors. The combination of business, technical, and interpersonal skills are what recruiters seek in IS graduates.

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## Health Informatics

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Technology is revolutionizing the way that healthcare is delivered both in the United States and around the world. The Health Informatics discipline focuses on improving patient care and outcomes through the use of information systems. Health Informaticists accomplish this in three main ways: supporting the healthcare provider, improving the efficiency and effectiveness of the healthcare organization, and empowering the patient to be more involved in their own care. Health Informatics graduates pursue professional careers with hospitals, large clinics, healthcare software vendors, and various state and federal agencies. The combination of healthcare, technical, and interpersonal skills allow HI graduates to enter these organizations and be productive immediately without the additional training that other traditional technologists may require. Health Informatics is a rapidly growing field that provides graduates who save lives and impact society through the use of technology.

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## Information Technology

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Information technology professionals utilize state-of-the-art, computer-based tools to deliver today's rapidly evolving computing technology to knowledge workers in widely diverse situations. The information technologist must be prepared to work in the complex network and World-Wide-Web environments to meet the needs of the end users in today's organizations. These tasks require bringing solutions together using the different technologies developed by the computer engineers, computer scientists, and information scientists.