



SouthArk Guided Pathway to Success

2021 – 2022 ACADEMIC MAP: Process Technology - AAS

Student Name		Student ID		Student Phone #	
Advisor Name		Advisor E-mail		Advisor Phone #	
Expected Award upon Program Completion	<input type="checkbox"/> CP <input type="checkbox"/> TC <input type="checkbox"/> AA <input type="checkbox"/> AS <input checked="" type="checkbox"/> AAS			Sem/Yr Expected to Graduate:	

STUDENT'S REMEDIATION REQUIREMENTS (Write in needed courses based on test scores or transfer work):

COURSE NEEDED	SEMESTER	GRADE	COURSE NEEDED	SEMESTER	GRADE

CHOOSE COURSE PLAN WITH ADVISOR TO ASSURE PROPER ACADEMIC PROGRESSION

FIRST SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
SASC 1101	Campus Technology	O			1		<ul style="list-style-type: none"> ✓ Work to complete Campus Technology before class begins or within the first two weeks. ✓ Begin making plans to complete your FAFSA for the next academic year.
PTEC 1113	Introduction to Process Technology				3		
PTEC 1123 OR MECH 1203	Safety, Health, and the Environment OR Industrial Safety				3		
PTEC 1133	Process Instrumentation I				3		
MATH 1023 OR MATH 1073	College Algebra OR Technical Math				3		
PHYS 1004/L	The Physical Sciences/Lab				4		
Total					16		

SECOND SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
ENGL 1113	Composition I				3		<ul style="list-style-type: none"> ✓ Apply for scholarships for the next academic year before March 1st ✓ Meet with advisory to apply for Technical Certificate in Process Technology
CSCI 1003	Introduction to Computers**				3		
PTEC 1244	Process Technology I - Equipment				4		
PTEC 1253	Principles of Quality				3		
CHEM 1014/L OR CHEM 1024/L	College Chemistry Principles I/Lab OR Chemistry I for Science Majors/ Lab*				4		
Total					17		

THIRD SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
ENGL 1123 ENGL 2043	Composition II* OR Technical Writing II				3		<ul style="list-style-type: none"> ✓ Update your advisor on program status ✓ Meet with program director or faculty to discuss status.
PTEC 2364	Process Technology II - Systems				4		
Elective	Social Sciences/Economics Elective				3		
Elective	PTEC/MECH/WELD Restricted Elective OR Internship***				3/4		
Total					13/14		

FOURTH SEMESTER/YEAR: _____ / _____

Course Number	Course Name	Code (see key)	Sem/Yr	Grade	Credit Hours	Milestones	Actions
PTEC 2474	Process Tech III – Unit Operations				4		✓ Meet with program director or faculty to discuss job placement. ✓ Meet with advisor to apply for Associates of Applied Science in Process Technology
PTEC 2484	Process Trouble Shooting				4		
PTEC 2333	Process Instrumentation II				3		
Elective	PTEC/MECH/WELD Restricted Elective OR Internship****				3/4		
Total					14/15		

* College Algebra, Chemistry I for Science Majors, and Composition II are strongly recommended for those planning to continue their education at a four-year college. Tech Math, College Chemistry Principles I, and Technical Writing are suggested for those going directly into the workforce, with no plan for pursuing additional degrees.

**Higher level CSCI courses may be substituted with Dean's approval

***Electives include up to two industry internships and all 3 or 4 hour MECH or WELD courses

COMMENTS AND NOTES:

Program Description	This degree program is designed to train refinery operators, chemical operators, and process technicians. These operators control and monitor the systems that run industrial plants. Operators gather information using instrumentation and lab equipment to maintain safe work areas and keep plants in compliance with regulatory requirements. Operators work both indoors and outdoors alongside engineers, chemists, and other professionals. Operators use knowledge of computers, math, physics, and chemistry to keep industrial plants running safely and efficiently.
Program Requirements	60 - 62 credit hours
Link to Program Webpage	https://www.southark.edu/academics/career-and-technical-education/process-technology
Career Opportunities	
Transfer Paths and Requirements	The AAS in Process Technology will transfer to Southern Arkansas University's BS degree program in Engineering Physics. More information can be found at http://www.southark.edu/student-services/transfer-information

REMEDIATION REQUIREMENTS:

Current course placement requirements and applicable remediation can be found in the college catalog.

I understand that when seeking a credential, I may be required to enroll in remediation / co-requisite lab courses as a result of my test scores in compliance with Arkansas Law, Act 1052, which may take additional semesters for successful completion.

SIGNATURES:

Student: _____ Date: _____

Advisor: _____ Date: _____

Registrar: _____ Date: _____

FOR OFFICE USE ONLY - GRADUATION REQUIREMENTS:

SouthArk Credit Hours		TOTAL CREDIT HOURS		Minimum Cumulative GPA of 2.00? (Required)	<input type="checkbox"/>
Transfer Credit Hours		CUMULATIVE GPA		Any 50% or the last 25% of Total Credit Hours? (Required)	<input type="checkbox"/>

F - Only offered in Fall semester	O - Only offered Online	T - Transfer	CP - Certificate of Proficiency	AA - Associate of Arts Degree
S - Only offered in Spring semester	P - Prerequisite to Program	* Critical Course	TC - Technical Certificate	AS - Associate of Science Degree
SU - Only offered in Summer semester	SUB - Substitution			AAS - Associate of Applied Science Degree