



**Degree Completion Partnership Agreement SAU-Tech  
And  
Southern Arkansas University  
Engineering Physics-Engineering Technology Option (BS)**

**Purpose**

The purpose of this agreement is to assist students holding an Associate of Applied Science degree from SAU-Tech in Industrial Sciences and Technology-**Emphasis in Automated and Robotic Engineering** to move smoothly from SAU-Tech to Southern Arkansas University (SAU) for the completion of a Bachelor of Science (BS) in **Engineering Physics-Engineering Technology Option**. Through collaborative efforts, the partners desire to increase graduation rates, facilitate the transfer process, and maintain a high quality working relationship between the two institutions.

**First Semester - SAU-Tech**

SAU-Tech Course Title	SAU-Tech#	SAU#	2+2 Curriculum Proposed	2+2 Curriculum Proposed Hours
Intro to Engineering	EN 1003	ENGR 1023/1021		3
College Algebra	MATH 1023	MATH 1023		3
Motor Controls	MD 1113			3
Industrial Safety	MD 2603	ITEC 2032		3
Intro to Computers	MIS 1003	CSCI 1102		3
				15

**Second Semester - SAU-Tech**

SAU-Tech Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed	2+2 Curriculum Proposed Hours
Engineering Concepts I	EN 1023			3
Digital Logic	EN 1033			3
Composition I	ENGL 1113	ENGL 1113		3
Computer Integrated Mfg I	MD 1003	ETEC 2023 Fundamentals of Manufacturing		3
Basic Blueprint Reading	MD 1403			3
				15

### Third Semester - SAU-Tech

SAU-Tech Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
Composition II or Technical Writing	CO 2213	ENGL 1123 Composition II	3
Programmable Logic Controller I or Elective	EM 2924		4
DC/AC for Engineering (Circuit Analysis)	EN 2023	AGED 2021/2022 Agricultural Metals/Lab	3
Fundamentals of CAD	EN 2034	ENGR 1212 Graphics	4
			<b>14</b>

### Fourth Semester - SAU-Tech

SAU-Tech Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
PLC for Engineering	EM 2963	ETEC 2023 PLC	3
Robotic Application	EN 2043	ETEC 2013 Circuits & Machines	3
Mechatronics	EN 2053	3 hrs UL Elective	3
*College Physics	PHYS 2003	PHYS 2003	3
*College Physics Lab	PHYS 2001	PHYS 2001	1
Social Sciences Elective: Macroeconomics, Microeconomics, General Psychology, or Intro to Sociology	ECON 2103 ECON 2203 PSYC 2003 SOC 2003	ECON 2103 ECON 2203 PSYC 2003 SOC 2003	3
			<b>16</b>

*\*SAU Tech to SAU Transfer Students are recommended to complete College Physics and Lab in replace of Programmable Logic Controller II*

**Hours from SAU-Tech: 60**

**Fifth Semester – SAU**

SAU Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
Solid Modeling and Design		ETEC 2033	3
**Computational Methods of Industrial Technology		ITEC 3503	3
Strength of Materials		ETEC 3033	3
Applied Fluid Mechanics		ETEC 3003	3
Introduction to Applied Probability and Statistics		MATH 3043	3
			<b>15</b>

**Sixth Semester – SAU**

SAU Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
Applied Thermal Science		ETEC 3013	3
Applied Thermal Science Lab		ETEC 3012	2
Applied Mechanic Lab		ETEC 3002	2
Industrial Materials		ITEC 3803	3
Computer Aided Design and Analysis		ETEC 3023	3
*Social Sciences Elective: World History I or II, U.S. History I or II, or Amer. Govt: National		HIST 1003, HIST 1013, HIST 2013, HIST 2023, or PSCI 2003	3
			<b>16</b>

### Seventh Semester – SAU

SAU Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
Economic Analysis for Technology		ITEC 3073	3
Senior Design for Technology		ETEC 4013	3
Computer Aided Manufacturing		ITEC 4123	3
*Social Sciences Elective: World History I or II, U.S. History I or II, or Amer. Govt: National		HIST 1003, HIST 1013, HIST 2013, HIST 2023, or PSCI 2003	3
Upper-Level Elective			3
			<b>15</b>

### Eighth Semester – SAU

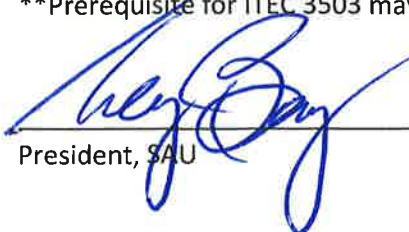
SAU Course Title	SAU-Tech #	SAU#	2+2 Curriculum Proposed Hours
Heating Ventilation & Air Conditioning		ETEC 4003	3
Internship for Technology		ETEC 4903	3
Advanced Professional Writing		ENGL 3003	3
Fine Arts/Humanities Elective: World Lit II or II, Intro to Philosophy, or Art, Film, Music, or Theatre Appreciation		ENGL 2213, ENGL 2223, PHIL 2403, ART 2013, HUM 2003, MUS 2013, or THEA 2003	3
Upper-Level Elective			3
			<b>15</b>

**Hours from SAU: 61**

**Total hours required for major: 121**

\*Note: Must have six hours of history/government. Three hours must be World History I or II. Three hours must be U.S. History I, U.S. History II or American Government National.

\*\*Prerequisite for ITEC 3503 may be substituted with the consent of the instructor.

  
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President, SAU      11/10/17  
Date

  
\_\_\_\_\_  
President, SAU-Tech      11/10/17  
Date

11/10/17

VPAA, SAU

Date

11-10-17

VPAA, SAU-Tech

Date

~~Abduls Bichri 11/11/17~~

Dean, College of Science & Eng.

Date

11-10-17

Dean,

Date