



Transfer Degree Plan
Associate of Applied Science Industrial Technology (ASUB)



Bachelor of Applied Science (ATU)

ASU Beebe (60 credit hours)

General Education Core 15 Hours

University Requirements (1 or 3 hours)			ATU equivalent	Hours
UNIV	10001	Principles of Academic Success I	TECH 1001 Orientation to the University	1
UNIV	10003	Principles of Academic Success III	GENL General Elective Credit	3

**the 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count towards electives.*

General Education Core – 15 hours			ATU equivalent	Hours
ENGL	10103	Freshman English I	ENGL 1013 Composition I	3
ENGL	10203	Freshman English II	ENGL 1023 Composition II	3
MATH	10103	Technical Mathematics*	NT XXXX Non-Transferable Course	3
CPSI	10003	Microcomputer Applications	COMS 1003 Intro. to Computer Based Systems	3
PSYC	11003	Introduction to Psychology**	PSY 2003 General Psychology	3

**Students should consider taking higher level MATH course to satisfy requirements at ATU.*

***Students transferring to ATU should take PSY 2013.*

Industrial Technology Core – 35 hours			ATU equivalent	Hours
HVAC	15043	Electrical Motors and Components	1XXX General Elective Credit	3
MSTE	20202	Metrology I	2XXX General Elective Credit	2
MSTE	21103	Industrial Environment	2XXX General Elective Credit	3
MSTE	12003	Basic Machining	1XXX General Elective Credit	3
ELTE	13503	AC/DC Currents	1XXX General Elective Credit	3
ELTE	20103	Control Systems	2XXX General Elective Credit	3
ELTE	23003	Systems Troubleshooting	2XXX General Elective Credit	3
ELTE	21103	Industrial Hydraulics	1XXX General Elective Credit	3
ELTE	14403	Industrial Mechanics	1XXX General Elective Credit	3
WELD	12173	Gas Metal Arc Welding	1XXX General Elective Credit	3
ELTE	21503	Introduction to Programmable Logic Controllers	2XXX General Elective Credit	3
MTE	20003	Robotics	2XXX General Elective Credit	3
		Directed Electives (Industrial Tech Electives)	General Elective Credit	10

Arkansas Tech University Courses (71 hours)

Bachelor of Applied Sciences Requirements

		SCIL 1XXX Science with Lab ¹	8
		SS 1XXX Social Science ¹	3
		USHG 1XXX U.S. History and Government ¹	3
		MATH XXXX Mathematics ¹	3
		FAH 1XXX Fine Arts and Humanities ¹	6
COMM	1003	Introduction to Public Speaking or	3
COMM	2003	Public Speaking or	
COMM	2173	Business and Professional Speaking	
LEAD	1003	Introduction to Leadership or	3
LEAD	3003	Leading Teams	
OL	3023	Professional Communication	3
OL	4043	Ethical Decision-Making and Development ²	3
PSY	3093	Industrial and Organizational Psychology	3
OL	3133	Principles of Personnel Management	3
OL	4443	Professional Leadership	3
OL	4543	Workplace Supervision	3
OL	4643	Organizational Change ² or Organizational Change	3
BAS	4253	Quality Control	3
BAS	4353	Project Management	3
BAS	4363	Project Risk Analysis and Mitigation	3
BAS	4373	Leading Agile Projects	3
BAS	4453	Root Cause Analysis	3
BAS	4553	Occupational Safety	3
OL/PS	4963	Organizational Leadership Capstone	3

¹See appropriate alternatives or substitutions in "[General Education Requirements](#)."

²This program partners the Applied Science undergraduate degree with the Master of Arts (MA) Organizational Leadership and Learning degree. A maximum of six (6) graduate level credit hours can be counted towards both the Bachelor Applied Science degree in Applied Science and the MA Organizational Leadership and Learning degree. Students can choose from any 5000-6000 level OL course offered in the MA Organizational Leadership and Learning degree, with the exception of [OL 6093](#) Organizational Development and Learning Capstone.