



2+2 Degree Plan
A.A.S. in Industrial Maintenance Technology – BRTC
Bachelor of Applied Science – ATU
AY 2022-23



Black River Technical College (60 credit hours)

English/Communications (6 hours)			ATU equivalent	Hours
ENG	1003	Freshman English I	ENGL 1013 Composition I	3
ENG	1013	Freshman English II	ENGL 1023 Composition II	3

Math (3 hours)			ATU equivalent	Hours
MATH	1053	Math Reasoning/QL or higher	MATH 1003 College Mathematics	3

***Must make a "C" or better**

Social Sciences (3 hours)			ATU equivalent	Hours
PSY	2513	Introduction to Psychology	PSY 2003 General Psychology	3

BRTC Required Courses (48 hours)			ATU equivalent	Hours
CA	1903	Introduction to Computer Concepts	Elective Credit	3
MGMT	2603	Leadership Issues OR	Elective Credit	3
MGMT	2613	Principles of Supervision	Elective Credit	
IMT	1703	Hydraulics	Elective Credit	3
ELT	1004	Basic Electricity/Electronics	Elective Credit	4
ELT	1204	AC/DC Fundamentals	Elective Credit	4
ELT	1804	Motors and Motor Controls	Elective Credit	4
ELT	1704	Industrial Electrical Systems	Elective Credit	4
ELT	1504	Electronic Circuits	Elective Credit	4
ELT	1604	Programmable Logic Control Technology	Elective Credit	4
MEH	1103	Introduction to Machine Processes	Elective Credit	3
MEH	1203	Basic Blueprint Reading	Elective Credit	3
MEH	1503	Fundamentals of CNC	Elective Credit	3
WLD	1003	Gas Shield Arc Welding	Elective Credit	3
WLD	1023	MIG Welding	Elective Credit	3

Arkansas Tech University Courses (65 credit hours)

		CM 1XXX Communication		3
		SS 1XXX Social Sciences		3
		SCIL 1XXX Science with Lab		8
		FAH 1XXX Fine Arts and Humanities		6
		USHG 1XXX U.S. History and Government		3
TECH	1001	Orientation to the University ¹		Waive
PS	3023	Professional Communication		3
PSY	3093	Organizational Psychology		3

OL	3133	Applied Principles of Personnel Management	3
OL	4043	Ethical Leadership	3
OL	4443	Professional Leadership	3
OL	4543	Workplace Supervision	3
OL	4643	Occupational Globalization & Diversity OR	3
OL	4743	Organizational Change	
BAS	4253	Quality Control and Continuous Improvement	3
BAS	4353	Project Management	3
BAS	4363	Project Risk Analysis and Mitigation	3
BAS	4453	Problem Solving and Root Cause Analysis	3
BAS	4553	Workplace Health and Safety	3
BAS	4653	Production Scheduling	3
BAS	4751	Career Planning and Personnel Development	3

¹Waive for BRTC students transferring to ATU