



2+2 Degree Plan
Associate of Applied Science in Industrial Maintenance Technology
– BRTC
Bachelor of Applied Science - ATU



Black River Technical College (59 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)

MATH	1053	Math Reasoning/QL *	MATH 1003 College Mathematics*	3
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*May take higher level mathematics

Social Sciences (3 hours)			ATU equivalent	Hours
ANTH	2233	Intro to Cultural Anthropology OR	ANTH 2003 Cultural Anthropology OR	3
ECON	2313	Principles of Macroeconomics OR	ECON 2003 Principles of Economics I OR	
PSY	2513	Introduction to Psychology OR	PSY 2003 General Psychology OR	
SOC	2213	Principles of Sociology OR	SOC 1003 Introductory Sociology OR	
POSC	2103	U.S. Government	POLS 2003 American Government	

BRTC Required Courses			ATU equivalent	Hours
CA	1903	Introduction to Computer Concepts	Elective Credit	3
MGMT	2613	Principles of Supervision	Elective Credit	3
IMT	1703	Hydraulics	Elective Credit	3
ELT	1103	Basic Electricity/Electronics	Elective Credit	3
ELT	1306	Motors and Motor Controls	Elective Credit	3
ELT	1406	Industrial Electrical Systems	Elective Credit	3
ELT	1504	Electronic Circuits	Elective Credit	3
ELT	1604	Programmable Logic Control Technology	Elective Credit	3
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 (63 credit hours)

PS	3023	Professional Communication	3
PSY	3093	Industrial 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	3
OL	4743	Organizational Change	3
BAS	4253	Quality Control and Continuous Improvement	3
BAS	4353	Workflow Monitoring and Industrial Improvement	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	Manufacturing Systems	3
BAS	4751	Career Planning and Personnel Development	3
		General Education Required Courses	23