

University of Arkansas at Pine Bluff

Curriculum for Bachelor of Science in Industrial Technology Management & Applied Engineering Degree Plan

FALL SEMESTER

FRESHMAN YEAR

English Composition I	1311	3
Engineering Graphics	1302	3
Pre-Calculus	1550	5
Industrial Safety Management	1201	2
Personal & Social Development	1210	2
Total Credits		15

SPRING SEMESTER

English Composition II	1321	3
Intro. To Manufacturing Process.	1360	3
Personal Health & Safety	1310	3
Career Life Planning	1120	1
Coop Seminar	2100	1
Physical Education	111x	1
Electronics Fundamentals	1332	3
Total Credits		15

SOPHOMORE YEAR

Literature	2300/2360	3
Biological Science	1450	4
Intro. to Business Programming	2363	3
Electronic Devices	2333	3
Humanities or Art Appreciation	2301/2330	3
Total Credits		16

Computer Networking (LAN)	2344	3
U.S. History or American Government	2318/2310	3
Robotics	2309	3
Introduction to Statistics	2370	3
Oral Communications	2390	3
Total Credits		15

JUNIOR YEAR

Physical Science or Chemistry	1411/1430	4
Motion/Time Study & Ergonomics	3310	3
Music or Art Appreciation	2330/2340	3
Economics I	2310	3
Digital Electronics	3337	3
Total Credits		16

Principles of Management	3300	3
Supply Chain & Inventory Management	3307	3
Restricted ITMAE Technical Elective		3
Economics II	2320	3
Technical Writing	3350	3
Total Credits		15

SENIOR YEAR

Restricted ITMAE Technical Elective		3
Quality Control	4307	3
Hum. Res. or Prod. Oper. Management	3318 or 4315	3
Chemistry or Physics I/II	1430/2410/20	4
Restricted ITMAE Technical Elective		3
Total Credits		16

Automation and Production/ CIM	4366	3
Project Management/ Estimating Sched.	4320	3
Fluid Power Systems	4372	3
Sr. Project	4342	3
Total Credits		12

Advisor's Signature _____