



Bachelor of Science in Industrial Technology Industrial Automation Concentration

Earn a Bachelor of Science in Industrial Technology with a concentration in Industrial Automation in three years from the College of Education at Mississippi State University. For more information, please visit www.iswd.msstate.edu or contact Dr. John Wyatt at 662-325-7257 or wyatt@colled.msstate.edu.

Year 1

FALL (18 Hours)	SPRING (16 Hours)
EN 1103 English Comp I	EN 1113 English Comp II
MA 1313 College Algebra	MA 1323 Trigonometry
CH 1043 Chemistry	PH 1013/PH 1011 Physical Sci Survey I w/Lab
TKI 1203 Industrial Communications	BL 2413 Legal Environment of Bus
Humanities Elective	TKI 2113 Intro to PLC Programming
Fine Arts Elective	

34

Year 1 Summer

Summer 1 (7 Hours)	Summer 2 (7 Hours)
TKI 1814 Basic Ind Electricity & Elec	TKI 3183 Machine Metals Proc
TKI 2123 Intro to CNC Programming	TKI 3104 Adv Ind Electricity & Elec

48

Year 2

FALL (15 Hours)	SPRING (16 Hours)
MA 1613 Cal for Business & Life Sci I	Humanities Elective
ACC 2013 Prin of Financial Acct	BQA 2113 Business Statistics
PH 1113 General Physics I	TKI 3224 Industrial Materials
TKI 2323 Forge, Welding, & Foundry	TKI 3243 Industrial Metrology
EC 2113 Macroecon or Behavioral/Social Sci Elective	EC 2123 Microecon or Behavioral/Social Sci Elective

79

Year 2 Summer

Summer 1 (6 Hours)	Summer 2 (6 Hours)
TKI 3353 Forecasting & Cost Modeling	TKI 4203 Automated Systems
TKI 4103 Ind Control Systems	TKI 3363 Motion & Time Studies

91

Year 3

FALL (17 Hours)	SPRING (15/16 Hours)
TKI 4303 Ind Robotics	TKI 4213 Energy Sources & Pwr Tech
TKI 4224 Quality Assurance	TKI 4113 Fluid Power Systems
TKI 3044 Industrial Safety	TKI 4233 Maintenance Mgt
TKI 3063 Ind Human Relations	Jr. /Sr. Level Writing AIS 3203 Intro to Tech Writing in Agricomunications or EN 3313 Writing for the Workplace or MGT 3213 Organizational Communications
TKI 3343 CAD/CAM	TKI/MGT Elective

123/124

TKI Electives:

TKI 4263 Mfg Tech & Proc

TKI 4413 Evolution of Technology

MGT 3114 Prin Mgt & Prod