



Bachelor of Science in Industrial Technology Manufacturing & Maintenance Management Concentration

Earn a Bachelor of Science in Industrial Technology with a concentration Manufacturing and Maintenance Management 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 Physical Sci Survey I w/Lab
Fine Arts Elective	BL 2413 Legal Environment of Bus
Humanities Elective	TKI 2113 Intro to PLC Programming
TKI 1203 Industrial Communications	

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 Year

FALL (15 Hours)	SPRING (16 hours)
MA 1613 Cal for Business & Life Sci I	Humanities Elective
ACC 2013 Prin of Financial Acct	BQA 2113 Bus Stats (pre-req BIS 1012 orTKT 1273)
PH 1113 General Physics I	TKI 3224 Industrial Materials
EC 2113 Macroeconomics or Behavioral/Social Sci Elective	TKI 3243 Industrial Metrology
TKI 2323 Forge, Welding, & Foundry	EC 2123 Microecon orBehavioral/Social Sci Elective

79

Year 2 Summer

Summer 1 (6 Hours)	Summer 2 (7 Hours)
TKI 3383 Forecasting & Cost Modeling	TKI 3363 Motion & Time Studies
TKI 4103 Ind Control Systems	MGT 3114 Prin of Mgt & Prod

92

Year 3 Year

FALL (17 Hours)	SPRING (15 Hours)
TKI 4263 Mfg Technology & Proc	TKI 4113 Fluid Power Systems
TKI 4224 Quality Assurance	TKI 4233 Maintenance Mgt
TKI 3063 Ind Human Relations	TKI Elective
TKI 3044 Industrial Safety	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 4213 Energy Sources & Pwr Tech

124

TKI Electives:

TKI 4203 Automated Systems

TKI 4303 Ind Robotics

TKI 4413 Evolution of Technology