

Academic Roadmap – Industrial Technology

Year/Semester	Course Title	Catalog Number
Freshman Year – First Semester	Core Chemistry	CHE 101
	Technical Drawing	TEC 101
	Foreign Language	—
	Intellectual Foundations Elective	—
	College Writing I	CWP 101
Freshman Year – Second Semester	Core Math	MAT 124
	Manufacturing Materials	TEC 201
	Foreign Language	—
	Intellectual Foundations Elective	—
	College Writing II	CWP 102
Sophomore Year – Third Semester	General Physics I	PHY 107
	Materials Science and Testing	TEC 311
	Intellectual Foundations Elective	—
	All College Elective	—
	All College Elective	—
Sophomore Year – Fourth Semester	Materials Management	TEC 312
	Statistical Quality Control	TEC 313
	Electro-Mechanics	TEC 314
	Intellectual Foundations Elective	—
	All College Elective	—
Junior Year – Fifth Semester	CAD/CAM	TEC 302
	Systems Analysis	TEC 403
	Energy Systems	TEC 351
	Intellectual Foundations Elective	—
	All College Elective	—
Junior Year – Sixth Semester	Industrial Systems Applications	TEC 404
	Ergonomics	TEC 402
	Safety Management	TEC 465
	Intellectual Foundations Elective	—
	All College Elective	—
Senior Year – Seventh Semester	Marketing	BUS 320
	Advanced Technical Elective	—
	Intellectual Foundations Elective	—
	All College Elective	—
Senior Year – Eighth Semester	Senior Project / Internship	TEC 405
	College Electives	—