

Curriculum Sheet for Bachelor of Science in Industrial Technology

Industrial Packaging



TOTAL HOURS	35		GENERAL EDUCATION	HOURS	PREREQUISITE	SEMESTER
English: 6 hrs.	EN	1103	English Composition I (EN 1104 may substitute)	3		Fall & Spring
	EN	1113	English Composition II (EN 1173 may substitute)	3		Fall & Spring
FA: 3 hrs.	XX	XXXX	Any Approved Fine Arts Elective (See List)	3		Fall & Spring
Math: 9 hrs.	MA	1313	College Algebra (or higher)	3		Fall & Spring
	MA	1613	Calculus for Business and Life Sciences (or higher)	3	MA 1313	Fall & Spring
	MA	2113	Introduction to Statistics (May substitute ST/BQA 2113)	3	MA 1313	Fall & Spring
Natural Science: 8 hrs.	CH	1043	Survey of Chemistry I (or higher)	3		Fall & Spring
	CH	1051	Experimental Chem (Lab for CH 1043) (or higher)	1		Fall & Spring
	PH	1013	Physical Sci Survey 1 (or higher)	3	MA 1313	Fall & Spring
	PH	1011	Physical Science Lab 1 (Lab for PH 1013) (or higher)	1	MA 1313	Fall & Spring
Extra Sci 3 hrs.	XX	XXXX	Choose From: CH 1213, 1223, PH 1023, 1113, 2213, 2223	3		Fall & Spring
Humanities: 6 hrs.	XX	XXXX	Any Two Approved Humanities Elective (See List)	3		Fall & Spring
Soc. Sci: 6 hrs.	XX	XXXX	Any Two Approved Social Science / Behavioral Elective (See List)	3		Fall & Spring
TOTAL HOURS	43		MAJOR CORE COURSES	HOURS	PREREQUISITE	SEMESTER
Introductory Skills: 18 hrs.	INDT	1003	Technical Drafting and Print Reading	3		Fall & Spring
	INDT	1813	Basic Industrial Electricity and Electronics	3	MA 1313	Fall & Spring
	INDT	2113	Introduction to PLC Programming	3		Fall & Spring
	INDT	2123	Introduction to CNC Programming	3	INDT 1003 & MA 1313	Fall & Spring
	INDT	3223	Industrial Materials	3	CH 1043 OR HIGHER	Spring
	INDT	3813	Technical Writing and Presentation for Industry	3		Fall
Management Skills: 9 hrs.	INDT	3063	Industrial Human Relations	3		Spring
	INDT	3373	Forecast and Cost Modeling	3	JUNIOR STANDING	Spring
	ACC	2013	Principles of Financial Accounting	3	For final management course, choose one course from any of these options.	Fall & Spring
	BL	2413	Legal Environment of Business			
	MGT	3823	Responsible Leadership			
	MGT	3000+	Any MGT 3000+ Level course w/approval from advisor			
General Knowledge: 13 hrs.	INDT	3043	Industrial Safety	3		Fall & Spring
	INDT	3243	Industrial Metrology	3	JUNIOR STANDING	Spring
	INDT	3363	Motion and Time Study	3	JUNIOR STANDING	Spring
	INDT	4224	Quality Assurance	4	INDT 3373	Fall
Seminars: 3 hrs.	INDT	1001	Introduction to Industrial Technology	1		Fall & Spring
	INDT	3101	Junior Seminar	1	JUNIOR STANDING	Fall
	INDT	4801	Senior Seminar	1	INDT 3101 & SENIOR	Fall & Spring
TOTAL HOURS	39		IPKG CONCENTRATION CORE COURSES	HOURS	NOTES	SEMESTER
Required Conc Core: 24 hrs	INDT	2343	Parametric Modeling for 3D Design	3	INDT 1003	Spring
	INDT	3103	Advanced Electricity and Electronics	3	INDT 1813	Fall & Spring
	MKT	3223	International Logistics	3		
	INDT	3703	Principles of Packaging	3	INDT 2343 (PRE OR CO REQ)	Spring
	INDT	3713	Packaging Materials	3	INDT 3703	Fall
	INDT	4103	Industrial Control Systems	3	INDT 3103	Fall
	INDT	4203	Automated Systems I	3	INDT 2113 & INDT 2613	Fall
	INDT	4703	Sustainable Packaging	3	JUNIOR STANDING	Spring
Conc Electives: Choose 9 hrs from this list	INDT	2353	Industrial Computer Aided Drafting and Design	9	INDT 1003	Fall
	INDT	2613	Industrial Fluid Power			Fall & Spring
	INDT	4233	Maintenance Management		JUNIOR STANDING	Fall
	INDT	4263	Manufacturing Technology and Processes I		JUNIOR STANDING	Spring
	INDT	4303	Industrial Robotics		INDT 4103	Spring
	INDT	4403	Automated Systems II		INDT 4203	Spring
	INDT	4443	Rapid Prototyping		INDT 2343	Fall
	INDT	4463	Manufacturing Technology and Processes II		INDT 4263	Fall
	INDT	4713	Healthcare and Food Packaging		INDT 3713	Fall
Additional Electives: Choose 6 hrs	INDT	XXXX	Choose any two 3000+ Level INDT course	6		Fall & Spring



INDUSTRIAL TECHNOLOGY

INDUSTRIAL PACKAGING

Sample Degree Flow Chart

