

Industrial Design STUDY PLAN

Semester 1						Semester 2					
Course #	Course Title	Pre-requisite	Lec	Lab	Credits	Course #	Course Title	Pre-requisite	Lec	Lab	Credits
DESN 111	Design Studio-1: Design Fundamentals & Color Theory	None	0	6	3	IDES 111	Industrial Design Studio-2: Toy & Game Design	DESN 111	0	6	3
DESN 121	Freehand Drawing	None	0	6	3	IDES 153	Materials & Methods in Industrial Design	None	2	2	3
DESN 122	Technical Drawing	None	2	2	3	IDES 122	Advanced Sketching in Industrial Design	None	0	6	3
GENG 131	Advanced English Language Skills & Critical Thinking	None	3	0	3	GPHO11 2	Visual Communication, Photography & Design II - Creative Arts Category	None	2	2	3
GMTH 181-A	Pre- Calculus A (Quantitative Science)	None	3	0	3	GSTA 181	Introductory Statistics (Quantitative Reasoning)	None	3	0	3
GCS 181	Computer Science and Technology	None	2	2	3		English Language II	None	3	0	3
					18						18
Semester 3						Semester 4					
Course #	Course Title	Pre-requisite	Lec	Lab	Credits	Course #	Course Title	Pre-requisite	Lec	Lab	Credits
IDES 212	Industrial Design Studio-3: Furniture & Lighting Design	IDES 111	0	6	3	IDES 213	Industrial Design Studio-4: Home Appliances & Medical Devices	IDES 212	0	8	4
IDES 231	History & Theory of Industrial Design & Saudi Arabia	None	3	0	3	IDES 253	Prototyping & Product Manufacturing	IDES 153	2	2	3
IDES 221	Digital Modeling for Industrial/product Design (1)	None	2	2	3	IDES 222	Digital Modeling for Industrial Design (2)	None	2	2	3
IDES 241	Ergonomics in Design	None	3	0	3	IDES 254	Engineering Mechanics for Product Development	None	2	2	3
	Physical & Environmental Sciences	None	2	2	3	GSEM 100	Research Seminar	None	1	2	2
GSUS 162	Contemporary Issues and Sustainability	None	3	0	3	GISL 121	Islam and Civil Society (Mandatory)	None	3	0	3
					18						18
Semester 5						Semester 6					
Course #	Course Title	Pre-requisite	Lec	Lab	Credits	Course #	Course Title	Pre-requisite	Lec	Lab	Credits
IDES 314	Industrial Design Studio-5: Transportation Design	IDES 213	0	8	4	IDES 315	Industrial Design Studio-6: Urban & Outdoor Products	IDES 314	0	8	4
IDES 320	Services & Systems Design	None	0	6	3	IDES 321	Sheet Metal Design & Fabrication	IDES 221	2	2	3
IDES 360	Professional Practices in Industrial Design	None	3	0	3	IDES 361	Capstone Project Research & Programming	None	2	2	3
	Technical Elective 1	None	2	2	3		Technical Elective 2	None	2	2	3
	Foreign Language I	None	1	2	2		Foreign Language II	None	1	2	2
GSEM 201	Interdisciplinary Seminar and Research	None	3	0	3		Arabic Language	None	3	0	3
					18						18
Summer Semester						Semester 7					
Course #	Course Title	Pre-requisite	Credits			Course #	Course Title	Pre-requisite	Lec	Lab	Credits
DESN 360	CO-OP 1	85 CRs + IDES 360 or INTD 360	3			DES 460	CO-OP 2	85 Credits			6
Semester 8						Semester 8					
Course #	Course Title	Pre-requisite	Lec	Lab	Credits	Course #	Course Title	Pre-requisite	Lec	Lab	Credits
					6	IDES 416	Industrial Design Studio-7: Capstone Project	IDES 361	0	8	4
						DESN 462	Design Entrepreneurship & Leadership	None	3	0	3
						IDES 421	Packaging & Branding	None	2	2	3
							Technical Elective 3	None	2	2	3
							Social Structure and Global Awareness II	None			3
					6						16

Electives

Dept. or Section Prefix and Course Number	Course Title	Credits (Lecture-Practical-Total)	Prerequisites
COMMON ELECTIVES FOR INTERIOR AND INDUSTRIAL DESIGN CONCENTRATIONS			
DESN 371	Photography for Designers	2-2-3	None
DESN 372	Design, Culture & Environment	2-2-3	None
DESN 373	Special Topics in Design	2-2-3	Departmental Approval
ELECTIVES FOR INTERIOR DESIGN CONCENTRATION			
INTD 374	Sustainable Interior Lighting Design	2-2-3	None
INTD 375	Interior Landscape Architecture	2-2-3	None
INTD 376	Special Detailing in Interior Design	2-2-3	None
INTD 377	Digital Modeling for Interior Design (3)	2-2-3	None
ELECTIVES FOR INDUSTRIAL DESIGN CONCENTRATION			
IDES 374	Digital Product Design (UI/UX) – Advanced UX Design	2-2-3	None
IDES 375	Advanced Prototyping & Fabrication	2-2-3	None
IDES 376	Traditional Products & Jewelry Design	2-2-3	IDES 222