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UNIVERSITY OF TECHNOLOGY

INTRODUCES THE INTERNATIONAL POLYTECHNIC MODEL TO EGYPT, BRIDGING THE GAP BETWEEN THEORY AND PRACTICE.

Elsewedy University of Technology is the first polytechnic university in Egypt that offers a 4-year bachelor's degree in Engineering Technology (B.Tech), in an integrated set of practical and theoretical learning. SUTech-Polytechnic of Egypt is introducing leading international technologies and standards, preparing the Egyptian youth for leadership roles in the local and global markets.

PRODUCT DESIGN TECHNOLOGY PROGRAM

An inherently creative and interdisciplinary program that explores methods and tools for creating innovative objects, systems, and services. Successful product/industrial designers are skilled at uncovering opportunities, generating creative ideas, rapidly visualizing ideas, building physical and digital prototypes to test concepts, and strategically presenting concepts. SUTech -POLYTECHNIC OF EGYPT- prepares students for a career in the global product design industry.

GRADUATES OF THIS PROGRAM WILL HAVE A CAREER PATH IN →

- Storyboard Artist
- Rigging Artist
- VFX Artist
- Compositor
- Matte Painter
- Technical Director (TD)
- 2D Animator/3D Animator
- Motion Graphics Designer
- Character Designer
- Game Animator
- Environment Artist
- Game Designer
- Level Designer
- Multimedia Designer
- Graphic Designer
- Concept Artist
- Art Director

ELIGIBILTY **To Apply**

Thanaweya Amma and all equivalent certificates are eligible for SUTech - Polytechnic of Egypt (IG - American Diploma - IB and more).

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PRODUCT DESIGN TECHNOLOGY



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SCHOOL OF
ARTS & DESIGN TECHNOLOGY

PRODUCT DESIGN TECHNOLOGY

YEAR 1

EPT111	:	Computer Aided Engineering Drawing
GEN111	:	Applied Mathematics I
HUM111	:	English Language I
HUM121	:	Principles of Law, Human Rights & Ethics
VAT111	:	Visualization Studio
VAT121	:	History of Art & Design
CET113	:	Introduction to Computing
	:	Technology
GEN122		Principles of Physics
HUMUE1	:	University Elective I
VAT112	:	Principles of Graphic Design
VAT131	:	Design Sketching
AAT111	:	Digital Drawing
AAT191	:	AAT Internship I

YEAR 2

AAT211	:	3D Digital Design
AAT212	:	Digital Visualization
AAT213	:	Applied AI Tools for Design
HUM231	:	Presentation Skills & Technical Writing
VAT211	:	2D Animation Technology
AAT291	:	AAT Project I
AAT221	:	Models & Prototypes
AAT231	:	Sustainable & Green Design
VAT212	:	Digital 3D Modeling
VAT241	:	Lighting & Audio Technology
AAT292	:	AAT Project II. Junior Grad Project

YEAR 3

HUMUE2	:	University Elective II
AAT311	:	Product Structural Analysis
AAT321	:	3D Modeling Techniques & Prototyping
AAT322	:	Graphic Design & Visualization
AAT351	:	Communication Design
HUM311	:	English Language II
AAT312	:	Digital Systems Design
AAT313	:	Product Design Technology & Innovation
AAT352	:	Introduction to Product Design
AAT361	:	Materials and Processes
AAT391	:	**AAT Internship I**

YEAR 4

HUM431	:	Project Management
AAT3E1	:	AAT Major Elective I
AAT451	:	Research Practices in Product Design
AAT452	:	Product Design Studio I
AAT491	:	AAT Project III
GEN451	:	Strategic Planning & Quality Management
AAT453	:	Product Design Studio II
AAT492	:	AAT Project IV. Senior Grad Project
AAT4E1	:	AAT Major Elective II
AAT4E2	:	AAT Major Elective III

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PROGRAM ELECTIVE Courses

University Elective I and II.

HUM113	German Language
HUM114	Italian Language
HUM131	Innovation & Entrepreneurship
HUM132	Management & Leadership Skills
HUM133	Communication & Negotiation Skills

AAT414	Design & Sustainability
AAT415	Design for Manufacturing
AAT416	Design for New & Renewable Energy Technology
AAT417	Design for Small & Medium Projects
AAT418	Design for Special Needs
AAT419	Interactive design
AAT421	Emotional design

Major Elective I, II and III.

HUM151	History of Engineering & Technology
HUM152	History of Art & Architecture
HUM153	The Character of Egypt
HUM154	Arabic
HUM251	Safety & risk management
HUM141	Principles of Economics

AAT422	User Experience Design
AAT441	Applied Ergonomics
AAT471	Furniture Design
AAT472	Mobility & Vehicle Design
AAT474	Packaging Design
AAT475	Product packaging
AAT476	Smart Products Design
AAT477	Systems Design
AAT478	Toys Design

Academic Labs

The Mac lab.
The Advanced Computing Lab.
The fabrication lab.
The VR, MR & AR Lab.
The Audio Video And Light Lab
The Photography Lab
The Art And Design Studio