FOUNDATIONS YEAR

FOUNDATIONS YEAR IS THE FIRST IMPORTANT STEP TOWARDS A SUCCESSFUL COLLEGE CAREER. Through the Foundations year, students develop a basic critical awareness and an understanding of design principles. Experimentation and exploration encourage students to develop a basic critical understanding of design principles. Experimentation and exploration encourage a broad and inclusive introduction to design concepts and methods. Students will demonstrate proficiency in the use of input/output devices, creation of document and spreadsheet layouts, and the creation of graphic representational drawing, two- and three-dimensional design and making. Students will apply knowledge and skills of graphic representational drawing, two- and three-dimensional design and making.

Within the program, students are encouraged to develop a basic critical awareness and an understanding of design principles. Experimentation and exploration with materials, tools and techniques are encouraged. Within the Foundations Program and encourage one-on-one interactions with faculty to achieve these aims, the program focuses on the following objectives:

- Students will demonstrate problem-solution abilities and ideas.
- Students will demonstrate familiarity with the historical and contemporary forces that shaped these works.
- Students will demonstrate problem-solving techniques and methods.
- Students will demonstrate a basic critical awareness and an understanding of design principles. Experimentation and exploration encourage a broad and inclusive introduction to design concepts and methods. Students will demonstrate problem-solving techniques and methods. Students will demonstrate problem-solving techniques and methods. Students will demonstrate problem-solving techniques and methods.

Our program aims to provide students with a solid background in basic design education that prepares them for all fields of study within graphical and visual arts, computer graphics, and architecture. Our program provides a broad and inclusive introduction to design concepts and methods and practice.

By the end of the Foundations year, students should be able to:
- Demonstrate problem-solving techniques and methods.
- Understand the basic principles of design.
- Develop a basic critical awareness and an understanding of design principles.
- Be able to critically discuss the implications of material culture and ideas on history and theory of art and architecture.
- Be able to critically discuss the implications of material culture and ideas on history and theory of art and architecture.

Our Foundations Program uses three tiers of graphical and visual arts, computer graphics, and architecture. These tiers are designed to provide students with a solid background in basic design education that prepares them for all fields of study within graphical and visual arts, computer graphics, and architecture. These tiers are designed to provide students with a solid background in basic design education that prepares them for all fields of study within graphical and visual arts, computer graphics, and architecture. These tiers are designed to provide students with a solid background in basic design education that prepares them for all fields of study within graphical and visual arts, computer graphics, and architecture.

CAAD FACILITIES

Our CAAD Labs promotes the act of making as a means of expression and communication. The CAAD Labs includes the following groups: Materials Labs, Digital Fabrication Labs, Visual Communication Student Studios, and Labs and Multimedia Labs.

- Materials Labs
  - Hand Tools
  - Power Tools
  - Lasers
  - Printers
  - 3D Printers
  - CNC Machines

- Digital Fabrication Labs
  - Digital Fabrication Workshops
  - 3D Printing
  - Laser Cutting
  - CNC Machining

- Visual Communication Student Studios
  - Darkroom
  - Photo Studio
  - Post-Production Lab

- Labs and Multimedia Labs
  - Design Center
  - Computer Aided Design
  - Physical Computing Lab
  - Darkroom
  - Photo Studio
  - Post-Production Lab
  - Media Production Lab
  - Design Center

In addition to taking Foundations courses, students are required to successfully complete at least 12 credit hours of Studio courses form the core of the Foundations Program and encourage one-on-one interactions with faculty to achieve these aims, the program focuses on the following objectives:
The Design Center is home to a dynamic learning environment that provides students with the tools and resources to develop their skills and creativity. The center is equipped with state-of-the-art facilities that cater to various design disciplines, including architecture, art, and design. These facilities include:

- Graphic Design Systems
- Visual Communication Systems
- Production of architectural models
- Wood and carpentry workshops
- Makerspace
- Production of large models
- 3D printers
- Laser cutters
- Robotics
- Centers for Design and Business

These facilities allow students to apply theoretical knowledge to practical projects and to develop their skills in a hands-on environment. The Design Center also offers scholarships and financial aid to qualifying students, making education in design more accessible.

This program is designed to prepare students for careers in the design field, with a focus on developing critical thinking and problem-solving skills. Students will learn how to approach design problems from different perspectives and develop creative solutions that fit within real-world constraints.

The Design Center is committed to providing a learning environment that fosters innovation and creativity. The center works closely with industry partners to ensure that the curriculum is relevant and up-to-date. This has resulted in graduates who are highly sought after by employers in the design field.

The Design Center is an integral part of American University of Sharjah, a top-tier university in the MENA region. The university has a strong reputation for academic excellence and is recognized for its innovative approach to education. The Design Center is proud to be part of this dynamic community and to contribute to the development of the region's design industry.