

Asia Eastern University of Science and Technology

Department of Materials and Textiles

Textiles and Clothing Design Section

A. History

Our school is sponsored by the Far East Group in 1968. Far Eastern New Century Co., Ltd. (FENC), a subsidiary of Far Eastern Group, is the largest textile group in Taiwan. Therefore in 1969, the department was established as the Department of Textile Engineering to be a base for cultivating textile professionals, not only for our Group, also for Taiwan's textile industry. After the school was upgraded to an institute as name of Oriental Institute of Technology(OIT) in 2000, the department was renamed as the Department of Materials and Textiles and recruited students for the four-year college. In 2011, the department was divided into three sections, Materials Applied Technology Section, Textiles Clothing Design Section, and Master Degree. In 2021, the school was upgraded to the University of Science and Technology(AEUST).

B. Admission qualification

Design & Home Economics graduated high school students

C. Educational goals

Cultivate professionals with expertise in fabric and apparel design. Cultivating industrial talents through practical courses such as fashion design, fabric development, aesthetics cultivation, innovative thinking ability, and marketing is one of the talent cultivation policies and important development characteristics of our department.

D. Course planning:

1. Foundation Course:

Creative Fundamental, Design Fundamental, Practice of Clothing Construction, Pattern Drafting & Construction, History of Costume, Fashion Illustration, Identification and Practice of Textile Properties, Computer Aided Design, Color Planning & Management.

2. Fabric Design Course:

Functional Fabric design, Practice of Coloring & Finishing Technology, Woven Craft Design, Practice of Knitting Fabrics Design, CAD for Knitwear Design, Tech-Whole Garment Knitting, Digital Printing & Design.

3. Apparel Design and Production Course:

Fashion Design & Styling, Pattern-Making, Draping and Design, Clothing Design, Fashion Collection Design, Computer Aided Pattern-Making and

Grading Patterning & Production of Functional Clothing.

4. Graduation Project:

Integrated Design Topics on Clothing, Graduation Design & show, Application & Design of Virtual Reality(VR), Practice of Industrial Internship

E. Facilities

Pattern Drafting Lab, Sewing Lab, CAD Lab, Woven Design Lab, Knitting Design Lab, Digital Printing Lab, Coloring & Finishing Lab, Textiles Identification Lab, Functional and Fashionable Textiles R&D Center

F. Display of Learning Results

1. Workshop (French designer- Aurore Thibout) Fabric screen printing for remanufacturing and design of recycled clothing



2. Workshop (Handmade indigo dyeing)



2.

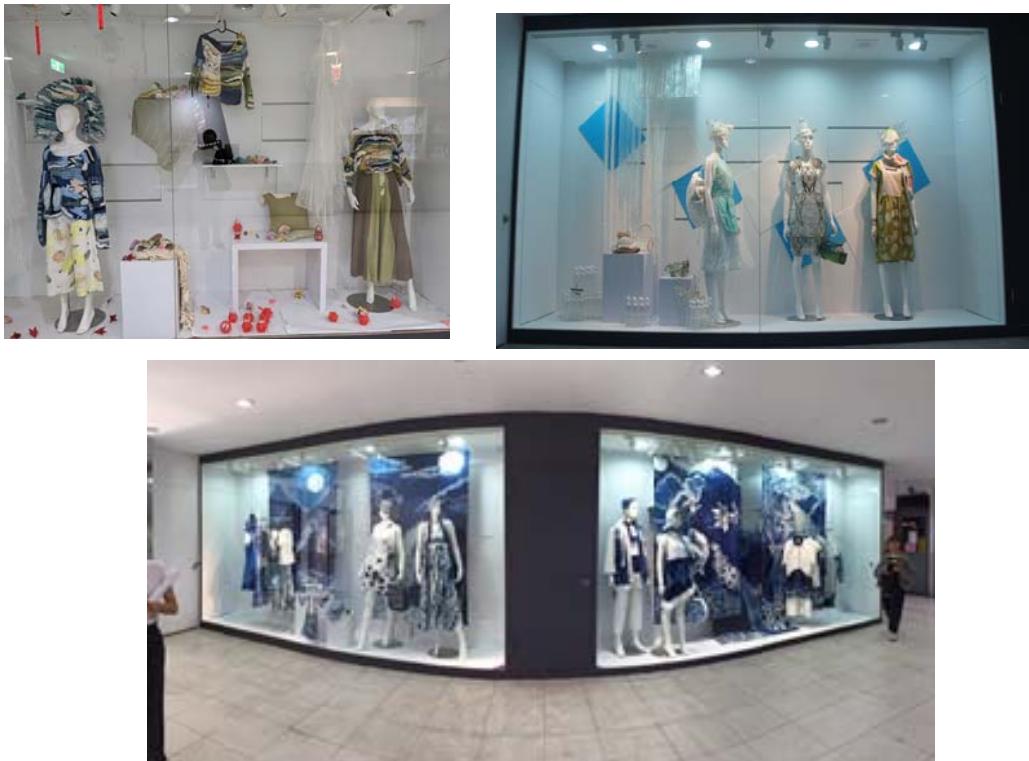
3. Workshop (Knitting Art Exhibition)



4. Graduation Showcase



5. Window Show



G. Functional and Fashionable Textiles R&D Center

Established in 2018, They are knitwear production line, digital printing production line and functional apparel production line constitute the Center costed 80 million Taiwan dollars. The Center aims to cultivate practical textile and garment professionals in the industry. Set up professional practice courses and training camps required by the industry to cultivate students' professional soft power. Through the diversified and close cooperation of production, learning, and research, we will expand the cultivation of practical talents and technology deepening in textile-related industries, fill in the talent gap in the textile industry year by year, and enhance the competitiveness of the textile industry.

1. Facilities



Seamless Circular Knitting Machine *3 Set
Whole Garment Flat Knitting Machine *1 Set
Shoes Upper Cloth Flat Knitting Machine *2 Set

Jacquard Sock Knitting Machine *4 Set
Direct Digital Printer*2 Set
Heat Transfer Digital Printer*4 Set
Sewing Machines for Functional Knitted Fabrics*10 Set
Functional Textile Performance Testing Instruments (MMT, Dry Rate Tester. Thermal Effusivity Texting of Fabrics, Automatic Hydrostatic Head Tester. Air Permeability Tester etc.)

2. Activity



H. Off-Campus Internship

The Department promotes overseas internships, summer internships, and full-year industrial internships for senior students in textile or clothing development and design. Students will be connected to the workplace early, and those who perform well in industrial internships will be given priority in employment by enterprises.

H. Employment and Further Education

1. Employment

Fabric designer, clothing pattern maker, clothing sampler, clothing designer, product planning, personal studio, clothing management and marketing, and customs examinations for public officials, etc.

2. Further Education

Apparel design, fashion design and business design and other related research for master degree