

# COURSE DETAIL

## UNDERSTANDING APPAREL MATERIALS

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Materials Science

**UCEAP Course Number**

40

**UCEAP Course Suffix****UCEAP Official Title**

UNDERSTANDING APPAREL MATERIALS

**UCEAP Transcript Title**

APPAREL MATERIALS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course examines the details of fiber structures, its properties, and the origin of major textile fibers. It covers the chemical and physical behaviors of fibers, including their optical, mechanical, and thermal properties. Students also learn terminologies, classification, and processing methods of important classes of textile materials: yarns, woven, knit, and nonwoven fabrics. This course defines terminology related to common textiles and fibers, analyzes the influence of fiber chemistry on fiber morphology and physical properties, and covers how to apply simple mathematical models, quantify, and analyze the physical properties of textile fibers.

### Language(s) of Instruction

English

### Host Institution Course Number

CNT2114

### Host Institution Course Title

UNDERSTANDING APPAREL MATERIALS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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