

School of Art, Design and Architecture

Course Title:	Manufacturing Materials	Course Code:	ID-143
Credit Hours:	3(2-1)	Semester:	Second-Spring
Instructor: Email: Website:			
Counseling Hours:			
Research Assistant: Email: Website:		Office: Extension:	

Pre-requisites: None

Course Description:

Course Objectives:

- Familiarization with most used materials in today's context
- Understanding general sourcing and acquisition of materials
- Have a basic knowledge of material processing methods
- Understand the properties of materials, used in manufacturing purposes
- Be able to interpret product designs for low volume, batch production
- Appreciate product life, recycling and environmental issues
- Understand the importance of sustainability in a progressing world

Course Outcomes:

- Understanding of materials as used in ID
- Basic knowledge of applied mechanics/materials relating to product design materials and structures