

(Textile Engineering Department)

Undergraduate

Course Title: **Knitting Mechanisms**

Prerequisite: Knitting Processes

Number of Credits: 2

Lecturer: Dr. Ali Asghar Asgharian Jeddi

Course Topics:

- A review of two bars and in-lay fabrics. Raschel machine and Fall-plate mechanism.
- Jacquard Raschel machine with and without Fall-plate
- Application of electronic and computer in warp knitting machines
- Warp knitting production and warping calculations.
- Two needle bar Raschel machines.
- Plush fabric production on the Tricot machines (with and without plush sinker)
- Stretch fabrics. - Multiaxial fabrics.
- Mid exam

Reading Resources:

- Knitting Technology