

(Textile Engineering Department)

Undergraduate

Course Title: **Comfort in Clothing**

Prerequisite: Principles of Heat and Mass Transfer, Basics of Clothing Design, Mechanical Properties of Textile Materials in Clothing

Number of Credits: 2

Lecturer: Dr. Ali Akbar Ghareaghaji

Course Topics:

Reading Resources:

- Y. Li, The Science of Clothing and Comfort, Textile Progress, Vol. 31, Number 1/2, The Textile Institute, 2001
- Laing. R. M. and Sleivert. G. G., Clothing, Textiles and Human Performance, Textile Progress Vol. 32 No. 2/3, The Textile Institute, 2002
- N. Pan and W. Zhong, Fluid Transport Phenomena in Fibrous Materials, Textile Progress, Vol.38, No.2, The Textile Institute, 2006
- Patnaik, A., Rengasamy, R. S., Kothari, V. K. and Ghosh, A., Wetting and Wicking in Fibrous Materials, Textile Progress, Vol.38, No.1, The Textile Institute, 2006
- Rick Curtis, Outdoor Action Guide to Hypothermia and Cold Weather Injuries, Princeton University, 1995
- Lyman Fourt and Norman R.S., Hollies, Clothing: Comfort and Function, Fibre Science Series, Marcel Dekker Inc., New York, 1970
- SCIRO research works on clothing comfort