# [A-3]COURSE SYLLABUS

## 1. Course Description (Approximately 100 words)

The term 'Textile' is a Latin word which comes from the word 'texere' which means 'to weave'. Textile originally referred to a woven fabric but latter on the term textile as well as the plural textiles refers to fibers, filaments and yarns.
Textile machineries refer to the various machineries used in different stages of manufacturing of textile products in textile industries.
Textile machineries have a wide range of uses in various stages of production.
History of textile machinery
Textile Industry its evolution and progress forms an integral part of the history of textile machinery. Since the dawn of civilization, clothing was one of the man's primary needs. This led to the spinning of fiber into yarn and the cloth weaving which finally resulted in innovation of new technologies for textile industries.

## 2. Course Goals and Objectives (Approximately 100 words)

Textile machinery and equipment and their development are discussed in this course. I. Introduction Textile industry machines. It receives more than 35% of the total export earnings produced in our country. Textile industry plays an important role in the economy of Uzbekistan. In human life, clothing has played an important role throughout the era of globalization. The textile market is also known as the global market due to its vital share. Textile industry is one of the traditional manufacturing industries since 3000 BC. Textile production has become the second largest economy in the world, providing the largest agricultural inputs. Textile products and textile industry are important parts of the global economy and employ tens of millions of men and women in over two hundred countries. The world textile industry has a permanent institutional impact every day due to globalization and severe competition.

## 3. Textbook (Title, Author, Publisher, Year of Publication, etc.)

1. "To'qimachilik materiallarini sinash", Ochilov T.A. va boshqalar, Toshkent, «O'zbekiston» – 2004y.
2. O'zbekistonda to'qimachilik sanoati mahsulotlari va ularning ishlab chiqarish texnologiyasi, E.Alimbaev va boshqalar T. "Nozoila" nash. 2002y.
3. Texnologik jarayonlarni loyihalash, Siddiqov P.S. Toshkent. "Fan" nashriyoti-2006.

## 4. Reference

1. Yigirish korxonalarini loyihalash., Azimov B., T. «O'qituvchi» 1994y.
2. Paxtani yigirish texnologik jarayonlarini loyihalash, Jumaniyazov Q., Polvonov Y., Toshkent-2008
8. Osnovi proyektirovaniya xlopko pryadilnix fabriki, Teryushnov A.V., M. Legprombitizdat. 1979g.

## 5. Course Requirements and Grades

Course prerequisites:
Students should have some background in Chemistry, Mathematics, Physics.
Grading System:
Homework 20%
Design Project 15%
Mid-term Exams 35%
Final Comprehensive Examination 30%
Total 100%
5=86-100

## 6. Course Calendar

| Week | Main Content |
|---|---|
| 1 | To'qimachilik mahsulotini sinash laboratoriyalari kelib chiqishi va vazifal |
| 2 | To'quvchilik korxonasi laboratoriyasi tarkibi |
| 3 | To'quv dastgoxida to'qima xosil kilish tanda va arkok iplarini to'quvga tayerl |
| 4 | Iplarni qayta o'rash |
| 5 | Tandalash. Piltalab tandalash |
| 6 | Oxorlash mashinalari |
| 7 | Oxorlash jaraenining asosiy parametrlari va nuksonlari |
| 8 | Ip o'tkazish va ulash |
| 9 | Yigirish tizimi va usullari |
| 10 | To`qimachilik sanoati xom ashyosi |
| 11 | Tolalardan aralashmalar tuzish asoslari |
| 12 | Tolalarni titish tozalash va aralashtirish |
| 13 | Tolalarni savash va xolst tayyorlash |
| 14 | Tolalarni moylash va emulyasiyalash, titish tozalash jarayonlarini tashkil eti |