

## [A-3] COURSE SYLLABUS

### 1. COURSE DESCRIPTION (Approximately 100 words)

The course is designed to provide students with the modern and lean technology methodologies in farming industry. Course includes modern trends in agriculture, lean technologies in water saving, irrigation, seeding, poultry and gardening.

### 2. COURSE GOALS AND OBJECTIVES (Approximately 100 words)

The objectives of this course are to help students understand and manage modern technologies in farming effectively.

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

G.N. Boboxo'jaev, N. Alieva "Fermer xo'jaliklarida yangi va tejamkor texnologiyalar" (darslik) - ToshDAU, 2016 yil

### 4. REFERENCE

The Lean Farm - Ben Hartman, Chelse Green Publishing, 256 pages, 2015;  
[www.leanfarming.eu](http://www.leanfarming.eu); <http://www.scirp.org/journal/as>

## 5. COURSE REQUIREMENTS AND GRADES

The course is designed for anyone who is interested in agriculture sciences and doesn't require any specific knowledge. Grades: 40+30+30. 40 for Group activity, 30 for Individual assignment and 30 for final exam.

## 6. COURSE CALENDAR

Week	Main Content
1	Introduction
2	Theoretical basics of lean technologies in farming
3	Usage of lean technologies in farming
4	Water saving lean technologies
5	Lean technologies in irrigation
6	Modern and lean technologies in land resources
7	Foreign technics
8	Usage of lean technologies in biologic and chemical engines in farming
9	Agrotechnics and seeding
10	Lean technologies in poultry
11	Lean Gardening
12	Lean Farming
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