

This syllabus is for the benefit of the student and does not constitute a contract. The teacher reserves the right to change the course content or the sequence of topics.

	Topic	Hours
1	Introduction; the poultry systems	2
2	Characteristics of popular poultry breeds Selection of poultry birds for breeding and broiler purposes Chicks sexing	2
4	Artificial hatching: Collecting eggs; selection of eggs for incubation; eggs sanitation; storage of eggs Preparation of incubator; Management of incubator	4
5	Chick management: Preparing for Chick Arrival; Lighting; Beak Trimming; feed management; Bird Weighing and Body weight Control	1
6	Laying hens – rearing period (From 4 to 16 weeks ); General principles of the lighting programs in rearing period; feeding during the rearing period; feed specifications during rearing period	2
7	Laying hens – production period: Transfer and start of lay ; General principles of the lighting programs during the production period; Oviposition times and shell quality ; Adjusting egg weight to meet market requirements; feeding program during the production period; which energy level during the production period; calcium nutrition and particles size; feed presentation for commercial layers; suggested premix composition for commercial layers	2
8	Breeding sector: growing period general management; Housing and equipment ; Feeding program ;- Feeding techniques; male management; lighting program; control of behavior; nutrition and feeding	1
9	Broiler management: housing design; equipment; housing environment; stock management; growing phase; finishing phase; catching procedures; biosecurity and farm sanitation	2
10	Broiler nutrition: objectives; compensatory growth; optimizing the performance environment; nutrient and energy recommendations; heat stress and nutrition	1
11	Turkey production: equipment; management; nutrition and feeding	2
12	Practical activities (one visit to poultry farm; practical lesson concerning chick sexing)	6