

**FFA Poultry Science Curriculum**  
**Section 3 – Reproductive Anatomy and Egg Formation**  
**Learning Objectives**

Without the use of any resources, at the end of the Reproductive Anatomy and Egg Formation section you should be able to complete the following learning objectives:

1. List the major anatomical features of eggs, and classify each structure according to the type(s) of function performed.
2. Name the individual parts of the oviduct and describe their functions.
3. List the average amount of time a developing egg spends in each segment of the oviduct.
4. Explain the nomenclature used for follicles.
5. List the events that occur in the brain in response to increased photoperiod.
6. Explain the roles of FSH, progesterone and LH in egg production.
7. Describe where estrogen is synthesized and how it contributes to the process of sexual maturation.
8. Describe the calcium metabolism of an egg-producing hen.
9. Describe and diagram the steps involved in egg shell formation beginning with raw materials in the blood.
10. Determine clutch length.