

**WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION**

COURSE NUMBER: UAV100

COURSE TITLE: Introduction to Drone Operations

I. MAJOR INSTRUCTIONAL OBJECTIVES:

Objective A: Recite FAA rules and regulations for all UAV operation.

A-1. Distinguish the different classifications of UAV piloting.

A-2. Interpret all local and federal regulations.

A-3. Identify the approval process for private/public UAV operation.

Objective B: Demonstrate the ability to read aeronautical maps/sectional charts

B-1. Define all markings and indicators on sectional charts.

B-2. Be able to interpret potential UAV problems on an aeronautical map.

B-3. Select the maps needed to plan a drone flight.

Objective C: Demonstrate the ability to prepare for a UAV flight

C-1. Be able to prepare all UAV equipment.

C-2. Be able to read preflight weather forecast.

C-3. Demonstrate all preflight operations.

Objective D: Demonstrate proper use and techniques of a UAV

D-1. Be able to operate a UAV safely.

D-2. Apply the controls for a UAV.

D-3. Be able to prepare a UAV for flight.

CLASS PARTICIPATION: