

# DRONES: Introduction & Commercial Aspects of Unmanned Aircraft Systems (UAS)



Experts project that the  
use of drones will create more than  
**100,000 jobs**  
and generate nearly  
**half a billion**  
dollars in tax revenue by 2025.

## *A Sample of Industry Applications:*

**Construction:** Whether they're used for surveying, to show clients and potential clients an aerial overview of completed projects, to monitor jobsites to ensure safe practices or to inspect bridges and other structures, drones have the potential to become as important a tool to the industry as any piece of yellow iron.

**Fire Fighting:** NASA and the Forest Service tested using a Predator to find and map forest fires in California.

**Law Enforcement:** Some police departments are testing them for uses such as photographing accident sites and finding criminal suspects.

## **DRONES: INTRODUCTION & COMMERCIAL ASPECTS OF UNMANNED AIRCRAFT SYSTEMS (UAS)**

Students will be introduced to and become familiar with the integral components and operation of a typical drone. To provide a broad understanding of the Unmanned Aerial Vehicles (UAV) Industry and the commercial operation and uses of drones, both classroom and hands-on learning with Drone Lab "flying time" will be utilized. Students will also be introduced to current and future perspectives of UAS/UAV's. Topics will include: the development of unmanned aircraft systems with respect to commercial uses; federal responsibility; the path to commercial operations with and without a pilot's license; the UAS Industry and various trade and industry organizations. No prior experience necessary. Pilots welcome!

Required equipment is additional cost. If purchasing, a Drone/UAV-SYMA X5C-1 or other version of the SYMA X5 series is suggested.

**Instructor:** James Record, MBA, FAA Part 107 (Drone) Remote Pilot Certificate and Type Rated Air Transport Pilot

**CE 1256 B1** Meets: Wednesday, 6:00pm-9:00pm for 6 sessions.

March 11 - April 22, 2020 (no class on 4/8)

**Fee: \$495**



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(Rev. 10/19)

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please visit [ncc.edu/workforcedevelopment](https://ncc.edu/workforcedevelopment)

**CENTER FOR WORKFORCE DEVELOPMENT**

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Email: [cwd@ncc.edu](mailto:cwd@ncc.edu)

## REGISTRATION FORM

Please answer all questions on this form and send it together with your check, money order, or credit card information to:

**OFFICE OF WORKFORCE DEVELOPMENT & LIFELONG LEARNING**

Nassau Community College  
One Education Drive  
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**Make check payable to:** Nassau Community College  
**OR fax the form with credit card information to:**  
516.828.3507

**YOU MUST BE 18 OR OLDER TO REGISTER WITH THE EXCEPTION OF ALTERNATIVES, HSE, AND SAT PROGRAMS.**

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Home Phone: (    ) \_\_\_\_\_

Male

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\*Birthdate: mm/dd/yyyy \_\_\_\_/\_\_\_\_/\_\_\_\_\_  
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Have you ever taken any courses at NCC?  
 Yes  
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**COURSE SELECTION**

CED #	SECTION	COURSE TITLE	DAY	FEE
1256	B1	DRONES: Introduction & Commercial	Wed.	\$495
		Aspects of Unmanned Aircraft Systems (UAS)		
Total Amount :				\$495

**Non-Credit Refund Policy:** The fee is refundable when a course is canceled by the College. The fee is refundable to the student whose written request for withdrawal has been received by the Office of Workforce Development & Lifelong Learning prior to the beginning of the class. A 50% refund of the fee may be made to the student who has applied in writing to the Office of Workforce Development & Lifelong Learning prior to the second session of the class. **NO REFUNDS WILL BE MADE AFTER THE SECOND CLASS MEETING.** Please be advised that if a refund is due it will take approximately 2-3 weeks to be processed.

**CREDIT CARD PAYMENT INSTRUCTIONS:**

I authorize the use of my credit card for full payment of the amount of my course registration as indicated on this non-credit registration application.

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