



Republic Polytechnic (RP) provides a conducive learning environment for students and adult learners. The Continuing Education and Training arm of RP, the **Academy for Continuing Education @RP** offers various specialised skills and executive courses for aspiring professionals.

INFOCOMM & TECHNOLOGY

Drone Based Aerial Videography and Photography

Course Date(s) : 18 & 19 Nov, 16 & 17 Dec 2016
Course Duration : 9am to 5.00pm
Course Venue : Republic Polytechnic Campus
Course Fee : \$1380 (excl GST)

COURSE SYNOPSIS

- This course aims to introduce the technical and aesthetic skillsets of aerial photography and videography.

At the end of the course, participants will be able to

- € Fly a drone intended for videography and photography, observing safety, security and privacy laws in Singapore.
- € Articulate how drones are being used in the industry namely for aerial purposes.
- € Apply essential skills such as preflight checks, on flight checks and post flight checks, basic flight controls.
- € Optimize their video output from the drone with an editing suite.

PROGRAMME OUTLINE

Day 1 - Topics	Hours
<p>Introduction to Drone Flying</p> <ul style="list-style-type: none">€ Introduction to drones.€ Types of drones and their purposes.€ Local and regional regulations for flying drones.€ Observing safety, security and privacy in Singapore.€ Case studies	8
<p>Drone Specific</p> <ul style="list-style-type: none">€ Breakdown of components in a drone€ Analyzing the 3 different flying modes in a drone€ Simulation training in different flying modes€ Setting flight parameters in a software€ Understanding and applying failsafe parameters€ Handling emergency situations.€ Simple indoor exercises	

Day 2 - Topics	Hours
Flying Your Drone Part 1 ☒ Pre flight checks. ☒ Buddy boxing training with the instructor ☒ Flying independently on a quadcopter ☒ Understanding gimbals.	8
Flying Your Drone Part 2 ☒ Capturing aerial shots with an action camera. ☒ Post flights checks. ☒ Transferring and editing your footage. ☒ Effects in post- production. ☒ Q and A	

TARGET AUDIENCE

Target audiences are RC hobbyists, videographers, directors and film crew.

CERTIFICATION

Participants will be awarded the Certificate of Attendance issued by Republic Polytechnic upon meeting 80% of attendance requirement and attempting all assignment.

TRAINER'S PROFILE

Sasidharan Nair – School of Infocomm

Sasidharan Nair obtained his Master's Degree in Educational Leadership and Management from Royal Melbourne Institute of Technology. Prior to his M.Ed. he was conferred the Bachelor of Arts in Multimedia Production from Curtin University of Technology. A certified facilitator in problem based learning pedagogy; he has several years of working experience in cinematography coupled with certification in Avid Media Composer. He has worked on projects such as the National Day Parade. (2011, 2014) and has coached students to excel in the Sony EYES Award (2011, 2013). He also hold a Déclaration de niveau de compétence or UAV Pilot diploma) recognized by the DGAC (Direction Générale de l'Aviation Civile) which is the board in France that manages all civilian aviation activities.

ENQUIRIES & APPLICATION

Academy for Continuing Education @RP (ACE@RP)

Republic Polytechnic, 9 Woodlands Avenue 9, Singapore 738964

Office Hours : Monday to Fridays, except Public Holidays
9am - 5pm

Phone : 6510 3000

Fax : 6415 1310

Email : ACE@rp.edu.sg

Website : www.rp.edu.sg/ace



9 Woodlands Avenue 9, Singapore 738964 Tel: 6510 3000 www.rp.edu.sg

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