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**HQ Durham/Northumberland Wing**

Air Training Corps

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Date: 07 Apr. 24

**ROBOTICS COURSE: AUTONOMOUS CARS: 13th – 14th July 2024**

**SITUATION**

1. The DNW STEM Team is hosting a Robotics Course centred around Assembling, Wiring and Programming an Autonomous Car. Cadets will develop engineering, logic and problem solving skills as well as earning a Bronze CREST Award.
2. **Timings.** The event begins at **0815** on each day for teaching to begin at 0830. The event closes on each day at **1700**.
3. **Location.** This event will be held at **Newcastle University, New Stephenson Building, Newcastle upon Tyne NE1 7RU.** What3words location ///humble.flown.stars
4. Limited on street parking is available is available on Park Terrace and can be used for Drop-Off – NE1 7RX. The nearest Car Park is Claremont Rd Car Park – NE2 4AA, 3 minutes walk away. The nearest **METRO** station is Haymarket, 9 minutes walk. **STAGECOACH** number 10/11 are also a couple of minutes walk.

**COMMAND AND CONTROL**

1. Plt Off H Milburn RAFAC has overall responsibility, as Course Director (CD), for the conduct and discipline of all staff and cadets.
2. Directing Staff (DS) will consist of members of the Wing STEM Team which includes Staff and Cadet NCOs. Regardless of rank, Cadet NCOs are to be treat with the respect they are due as DS on a Wing Course.

**COMMUNICATIONS**

1. **Transport**. Cadets are to make their own transport arrangements to attend the course with the support of their parent Sqn.
2. **Eligibility.** To be eligible for this course, cadets must be a minimum of 14 years of age and be at least Leading Classification.
3. **Equipment.** Cadets are to bring with them suitable note-taking equipment for this course.

**CATERING**

1. **Food**. Cadet students and directing staff will be required to bring a packed lunch – **there will be no option to venture into Town**

**DRESS**

1. **Directing Staff**. Dress for directing staff during the course will be No. 2b or equivalent dress, with waterproof clothing where required.
2. **Cadets**. Dress for cadet students will be Dark Blues (No.2c).

All uniform must be worn in accordance with ACP1358.

**COST**

1. The cost of this event is FREE. HQ RAFAC will cover the registration fee for the Bronze Level CREST Award. Further information on this can be found at the CREST Website: <https://www.crestawards.org/>

**CONSENT**

1. TG21 Consent Forms are not required for this event.
2. TG23 Medical Consent forms are to be completed and handed in to DS upon arrival on Saturday 13th July where required.

***Harrison Milburn***

Plt Off (RAFAC)

H I L Milburn

Course Director