

Unmanned Air Vehicle (UAV) Design and Development Course

This two weeks course aims to introduce to the participants, conceptual approach and development of the complete unmanned air vehicles (UAV) design.

The course consist of about 60 hours of lectures, including an overview of existing UAVs and their capabilities, covering the aspects of structures, aerodynamics, weight & balance, flight performance, stability and control, UAV systems and systems integration (propulsion, fuel, etc.) , landing gear, UAV sensors (EO/IR) and integration, design aspects of stealth, and aspects of operating & mission, as well as visit to local industry involved with UAV manufacturing.

A presentation of future developments, approaches and technologies in the area of UAV will summarize the course.

The course lecturers are highly experienced engineers and UAV pilots which combine practical and academic experience.

It is recommended that the participants in the course will have some general background in aircraft design, so this course will enhance their know-how and capabilities in the field of UAV design.

The Course was held recently in Haifa – Israel for 11 scientists from abroad, in cooperation with the **Technion** – Israel institute of technology. The whole course was organised by Mr. Dror Artzi of **Aerospace Consulting** and was presented by him & a team of very experience engineers. The Course was highly appreciated by all the participants as being very practical as well as academic and theoretical.

* **Aerospace Consulting** is also offering other courses according to customer specifications

* The availability of the courses is subjects to the approval of the Israeli authorities.

