

Training 2024.

Over the past three years I have developed microlight training material for the Moodle environment. This is a modern, state of the art, and free learning management system widely used for e-learning delivery.

Achievements:

- Seven microlight certificate topics completed
- Pool of 741 exam questions generated and peer reviewed
- Introduced robust and auditable exam process and documentation
- Completed 227 exam passes for 88 different students

The courses/topics TECH, LAW, FRTO, MET, NAV, HF, and GYRO now have clearly defined syllabuses and useable learning material. This is not complete yet but is adequate to guide students towards an exam pass. Each topic has a set of exam questions testing knowledge to an acceptable standard. Exam questions are randomly selected from the question pool. The exam process prevents unjustified and ad-hoc acceptance of credits. A student's achievement is entered into their RAANZ profile only if it is confirmed by their supervising instructor in the prescribed form. A badge of achievement is then issued to the student.

In addition to the above, an introductory course was set up that focuses on basic flying concepts. There are other topics/courses under development like ratings, weight shift, and instructor training.

Following up on suggestions that there is interest in on-line courses, I offered a Zoom-based FRTO training course. There were, on/off, up to 20 participants. Those who responded indicated that they enjoyed/appreciated the course. However, the low number is not encouraging. Overall, the interest in training material is poor. Only non-certificated students look at it until they pass an exam. Certificated pilots and instructors do not access the material, nor do they contribute constructively.

The current user experience is poor as the RAANZ web server is either inadequate or misconfigured. For example, about 270 serious server errors occur every month where users do not get the webpage they expect. This is annoying and a concern during an exam. The issue has not been addressed or solved.

The current training material is a vast improvement on what was there before. However, it is still far from a comprehensive and professional training environment. The training system requires maintenance for day-to-day operation as well as continuous development and maintenance of content. This is a substantial effort, and RAANZ needs to address whether and how it wants to continue this in the future.

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