

Training Opportunity for Luxembourgish Trainees

Reference	Title	Duty Station
LU-2021-DG-PET2)	Engineering Support to ESA Academy's Training and Learning Programme	ESEC
<p><u>Overview of the mission:</u></p> <p>The ESA Education Office has the objective to use space as a theme to enhance the literacy of young people in science and technology and to motivate students from ESA Member and Associate States to prepare to pursue a space related career. In support of achieving its educational objectives, the Office offers to university students, in the frame of the ESA Academy programme:</p> <ul style="list-style-type: none"> • <input type="checkbox"/> a number of opportunities to gain hands-on involvement in space-related projects, including satellite projects, and experiments to be conducted on dedicated platforms reproducing special environmental conditions (such as sounding rockets, stratospheric balloons, drop tower facility, hyper-gravity centrifuge, and parabolic flights). These activities enable a transfer of knowledge, offer an insight into professional processes and promote the development of relevant scientific and technical skills and competences. • <input type="checkbox"/> a portfolio of training sessions, in all areas of ESA's expertise, delivered at the ESA Academy's Training and Learning Facility, to complement what they are learning at university and to better prepare them for a space-related career. <p>The Office works in close cooperation with ESA specialists from different directorates, industry experts, university institutions and other research organisations.</p>		
<p><u>Overview of the field of activity proposed:</u></p> <p>You will support the development and delivery of training sessions online and on-site at the ESA Academy's Training and Learning Facility in ESEC-Galaxia (Belgium) under the supervision of the ESA Academy Administrator. In particular, you will support:</p> <ul style="list-style-type: none"> • the development of training sessions in different space-related engineering fields, • the preparation of equipment and hardware for hands-on workshops, • the interface with ESA, academic and industrial experts, • the calls for applications and selection process of the university students, • the organisation & delivery of the training sessions, with the possibility to attend most of the lectures and workshops, • the improvement of the ESA Academy's Concurrent Engineering Facility (CDF), • the use and maintenance of the training material database. <p>You may also contribute to other educational opportunities created by the ESA Education Office, in the framework of ESA Academy Training and Learning Programme.</p>		
<p><u>Required education and skills:</u></p> <ul style="list-style-type: none"> • Master's degree in a technical discipline, preferably with a strong background in aerospace engineering • Good interpersonal and communication skills 		

- Ability to work in a multi-cultural environment, both independently and as part of a team
- Fluency in English and/or French, the working languages of the Agency