

Institutes and Faculties offering Traineeships at DLR Köln

(in alphabetical order)

Institute or Facility	Traineeship Examples	Field	Comments	Internal Abbreviation
Astronaut training	Training technologies, management systems (ISO 9001), training methodologies, systematics, immersion basin	Natural sciences, technology		RB-AT
Biomedical information technology	Systems development; applications development; Web development; networks; assisting at ground facilities for satellite tests	Information technology, aeronautics and aerospace		ME-BC BIT KP
DLR_School_Lab Köln	Helping to further develop and supervise the DLR_School_Lab experiments in Köln	Physics, biology, medicine, chemistry		LS-SL KP
DLR_School_Lab Köln, Behavioral Lab	Behavioral studies with protozoans: Perception of light or gravity – can protozoans learn? Image processing and statistical methods	Biology		LS-SL KP
Finances and corporate controlling	Office organization; use of Word, Excel, Powerpoint; various rehearsals for recruitment tests and job interviews; supply requests; placing orders; simple SAP exercises; processing emails; file systems	Commercial fields		AD-F AD-PM AD-EK AD-WO
Image Center, Centralized Services	Digital and analog photography, scanning and printing systems, photo-finishing, lab technologies	Photography, printing		ZD-FO KP
Institute of Aerodynamics and Flow Technology, Supersonic and Hypersonic Technology Department	Wind tunnel experiments with spacecraft; measurement technologies (calibration of sensors, installation, programming measuring regimes, analysis); mechanical and electrical groundwork for models; CAD construction; flow simulation	Physics, mathematics		AS-HY
Institute of Propulsion Technology	See the institute's Web site for more information: http://www.dlr.de/at/			AT-LT
Institute of Air Transport and Airport Research	Basic data analysis, traffic analysis, research projects	Mathematics, computer science, geography, economics		FW KP

Institute of Aviation and Space Medicine	See the institute's Web site for more information: http://www.dlr.de/me/			ME
Institute of Aviation and Space Medicine, Flight Physiology Department	Assisting to plan, conduct and assess human physiology experiments; acquaintance with and maintenance of the department's literature database	Medicine, physiology, psychology, physics, medical technology		ME-FP
Institute of Materials Physics in Space	See the institute's Web site for more information: http://www.dlr.de/mp/			MP-LT
Institute of Technical Thermodynamics, solar research	Thermal experiments, optical experiments, solar technology experiments, support for the experiments, support for the experiments carried out at the solar oven and outdoor solar thermal facilities	Physics, chemistry, technology		TT-SF KP
Institute of Materials Research	A look at the careers of techno-scientists specializing in mechanical and precision engineering and electrical engineering/physics: designing and constructing machines, instruments and equipment; aspects of quality assurance; organizing the planning and implementation of manufacturing and testing procedures in the area of materials science	Engineering, machine construction		WF-LT
Interdisciplinary Microgravity Research	Planning biological experiments in space; gravity perception in biological systems	Biology		ME-BC KP
Media Supply Köln-Porz	Practical technical foundations for the maintenance of gas turbine components and assisting in testing them for industry	Mechanical and electrical engineering		LS-MV KP
Simulation and Software Technologies	Component-based software development for distributed systems; integration of complex numerical applications; software environments for virtual product	Computer science, mathematics, physics	Only grade 12 and above	SC-VK KP
Systems House Technology, Engineering	Drafting with a drawing board (basic geometric constructions, construction of views of diverse components 3D assignments), possibly CAD	Technical drafting / construction		SY-EN

Systems House Technology, Manufacturing	Introduction to manufacturing; milling, lathe turning, electrical discharge machining; CNC technology; model construction; instrumentation of wind tunnel models; constructing small work pieces; manufacturing inspection; measuring equipment	Industrial mechanics		SY-FE KP
Systems House Technology, Training workshop	Aspects of basic training (filing, inscribing, indentation marking, etc.)	Industrial mechanics specializing in equipment and precision engineering		AU-TE KP