

Supported by:



Baden-Württemberg Chamber
of Engineers

The courses are financed by funds provided by GIZ. Apart from travel costs to and from the training location, there are therefore no costs for the course participants or for possible cooperating partners.

Full catering is provided to the participants for the duration of each course. For lunch, there is a choice of a vegetarian, meat or fish dish. Snacks, coffee, tea and cold beverages will also be provided.

New opportunities in the old homeland

Further training for civil engineers
who are willing to return home
voluntarily

Seminar location

The courses take place in the training centre of the Baden-Württemberg Chamber of Engineers, Zellerstr. 24, 70180 Stuttgart. It is very easy to get to by public transport.

Participation requirements

For participation in a course, a participant must have completed a civil engineering degree or equivalent in his/her native country, must be willing to return there voluntarily and must be able to speak English.

Registration

Ingenieurkammer Baden-Württemberg
Körperschaft des öffentlichen Rechts
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Engineers – trailblazers of the future

When a country destroyed by war is being reconstructed, a decisive role is played by civil engineers. If a country needs to be modernised and brought forward economically, engineers are pioneers and, at the same time, the spearhead of civilisation. Without technical engineering knowledge, it is impossible to establish a functioning water- and energy-supply system, a viable transportation infrastructure or comfortable housing for millions of people. This why the hope of many people in Africa, the Near East or South Asia of finally having prospects for the future in their countries rests on engineers with their ideas and skills.

Knowledge in line with the times

Anyone who had to leave her/his native country many years ago has lost not only her/his old homeland but also a connection to the latest technical developments in her/his profession. For this reason, the Baden-Württemberg Chamber of Engineers is offering a 4-week further-training course to foreign civil engineers who fled their native countries and now want to return home. The course is free of charge and will bring the participants up to date with the latest developments in the most important areas of civil engineering.

Overview of course details

The further-training course consists of 160 teaching units of 45 minutes each, including 32 week hours for home-work. The lecture times are from 9 a.m. to 4:30 p.m., Monday to Thursday.

The lecturers are professors, contract teachers from Baden-Württemberg higher-education institutions and experienced engineers from engineering offices.

Course contents:

Day 1	Welcoming remarks and introduction Presentation of contents and goals	2 hrs
	Business administration for engineers Determination of office costs, controlling	6 hrs
Day 2	Project management Execution of building projects	8 hrs
Day 3	Building materials science Recycling of building materials/building rubble, innovative building materials	8 hrs
Day 4	Basics of urban planning Urban districts	8 hrs
Days 6–8	Water supply Water treatment, water distribution networks	12 hrs
	Wastewater disposal Wastewater purification, canal networks	12 hrs
Days 9, 11, 12	Structural planning, statics Solid construction, brickwork construction	12 hrs
	Structural planning, statics Steel construction and wood construction	12 hrs
Days 13, 14, 16	Transportation Road planning, inner-city roads, outer-city roads	12 hrs
	Transportation Engineering structures, bridges, support walls, tunnels	12 hrs
Days 17–19	Building physics Climate control in buildings	12 hrs
	Renewable forms of energy Photovoltaics, solar energy	12 hrs
Days 5, 10, 15, 20	Homework (8 hrs on each day)	32 hrs