Comprehensive Bridge Engineering
橋梁総合

Target Countries : Whole area

Course No. : J1804317	**No.** : 1884547

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language : English

Outline

This course will provide comprehensive bridge engineering such as design of bridges, construction/construction supervision and maintenance/repair of various types of bridges through case study and site visit in Japan.

Objective/Outcome	Target Organization / Group
【Objective】 To formalate action plans about construction or maintenance work for birdges. 【Outcome】 1. Design of bridges (acquisition of design technique using software is NOT included in the course objectives) 2. Construction and construction supervision of various types of bridges (RC, PC and steel bridges) 3. Maintenance and repair of various types of bridges	【Target Organization】 Competent government agencies or governmental organizations responsible for bridge engineering (design, construction, maintenance, repair of bridges) 【Target Group】 Engineer currently engaged in bridge engineering (design, construction/construction supervision, maintenance and repair of bridges).Preferably with 5 - 15 years of work experience (3 years or more in bridge engineering desirable).

Contents		
[Preliminary Phase in Participants' home countries] Formulation and submission of Country Report Collection of data and preparation for report presentation [Core Phase in Japan]Lectures, practices, site visits and discussion on the following subjects 1. Bridge Planning in Japan 2. Design and Construction of Substructures 3. Design and Construction of Concrete Bridges (PC and RC Bridges) 4. Design and Construction of Steel Bridges 5. Bridge Accessories 6. Bridge Maintenance and Repair 7. Preparation and presentation of Training Reports	**Course Period**	2018/9～2018/10
	Department in Charge	Infrastructure and Peacebuilding Department
	JICA Center	JICA Kansai（I）
	Cooperation Period	2017～2019

Implementing Partner	Honshu-Shikoku Bridge Expressway Company Limited
Remarks and Website	