

Comprehensive Bridge Engineering 橋梁総合		Updated	
Target Countries : Whole area		18 participants	
Course No. : J1704249		No. : 1784547	
Sector : Transportation/Capacity Development for Transport Sector			
Sub-Sector :			
Language : English			
<b>Outline</b>			
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.			
<b>Objective/Outcome</b>		<b>Target Organization / Group</b>	
<p><b>【Objective】</b> Improved action plans which include construction or maintenance work for bridges made by central governments in developing countries are to be proposed by the section which trainees belong to.</p> <p><b>【Outcome】</b> 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</p>		<p><b>【Target Organization】</b> Competent government agencies or governmental organizations responsible for bridge engineering (design, construction, maintenance, repair of bridges)</p> <p><b>【Target Group】</b> 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).</p>	
<b>Contents</b>			
<p>[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</p> <ol style="list-style-type: none"> <li>1. Bridge Planning in Japan</li> <li>2. Design and Construction of Substructures</li> <li>3. Design and Construction of Concrete Bridges (PC and RC Bridges)</li> <li>4. Design and Construction of Steel Bridges</li> <li>5. Bridge Accessories</li> <li>6. Bridge Maintenance and Repair</li> <li>7. Preparation and presentation of Training Reports</li> </ol> <p>[Finalization phase in a participant' s home country] Participants and their organizations revise and implement the action plan for improving construction, maintenance and repair of bridges.</p>		<b>Course Period</b>	2017/10/02~2017/12/02
		<b>Department in Charge</b>	Infrastructure and Peacebuilding Department
		<b>JICA Center</b>	JICA Kansai (II)
		<b>Cooperation Period</b>	2017~2019
<b>Implementing Partner</b>	Honshu-Shikoku Bridge Expressway Company Limited		
<b>Remarks and Website</b>			