

**OUTLINE OF  
GROUP TRAINING COURSES  
IN  
JAPANESE FISCAL YEAR 2003**

**COURSES STARTING BETWEEN APRIL 2003 AND MARCH 2004**

JICA LIBRARY



1176171(5)

**JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)**

DPT
JR

### **NOTE**

This catalog gives the outline (not all detailed explanation) of each of the "Group Training Courses" conducted by JICA in Japan.

It is intended to describe particular points of the respective courses in the limited space of this catalog, and thus some of the common facts and conditions such as follows are not mentioned under each course.

**- common points not mentioned on each page -**

**(applicable to all courses)**

- 1) **PURPOSE:** to contribute to promotion of mutual understanding
- 2) **CURRICULUM:** briefing/orientation session, country report, observation/study visit, and wrap-up/evaluation session are basic elements of curriculum.
- 3) **QUALIFICATION OF APPLICANT**
  - (a) to be nominated by his/her government in accordance with the relevant procedures
  - (b) to have sufficient command of the English (as for some courses, French) language
  - (c) to be in good health, both physically and mentally, to undergo the training
  - (d) not to be serving in the military

## CONTENTS

## 目次

## EDUCATION 教 育

<b>Basic/Primary/Secondary Education 基礎初中等教育</b>		
J-03-00759	Training of Environmental Education Development for Primary and Secondary Education .....	2
	初等・中等教育における環境教育開発トレーニング	
J-03-03517	Science Experiment in Primary Education (South Asian Countries) II .....	2
	小学校における理科実験教育（南西アジア諸国）II	
J-03-03444	Practice of Science Education for Secondary School .....	2
	中等科学教育実技	
J-03-03433	Secondary Education Development .....	3
	中等教育開発	
<b>Occupational Training 技術訓練</b>		
J-03-00313	Robot Technology Course for Vocational Training Instructors .....	3
	ハイテクロボット制御技術（職業訓練指導員）	
J-03-00571	Mechatronics .....	3
	メカトロニクス訓練	
J-03-00345	Seminar on Training Management in Vocational Training Institutions .....	4
	職業訓練管理セミナー	
J-03-00632	Seminar on Enhancing Vocational Training .....	4
	職業訓練向上セミナー	
J-03-00785	Vocational Training Instructors (Mechanical Engineering for Instructors and Engineers) .....	4
	職業訓練指導員（機械専門技術）	
J-03-00784	Vocational Training Instructors (Information Technology and Computer for Instructors and Engineers) .....	5
	職業訓練指導員（情報技術）	
J-03-00346	Seminar on Human Resources Development Administration .....	5
	職業能力開発行政セミナー	
<b>Other Education その他教育</b>		
J-03-03436	Industrial Technology Education .....	5
	産業技術教育	
J-03-03484	Publishing: Production of Educational Materials in Print for Children and Youth .....	6
	出版技術研修（青少年向け教材の制作）	
J-03-03487	Environmental Education focused on Fresh Water Environment ~for Tertiary Level Teaching Staff~ .....	6
	水環境を主題とする環境教育	

J-03-00721	Seminar on Local Educational Administration (Sub-Saharan African Countries) II .....	6
	地方教育行政セミナー (サブ・サハラアフリカ諸国) II	
J-03-00617	Museum Management Technology (Museology) .....	7
	博物館技術 (収集、保存、展示)	
J-03-03367	Cultural Asset Preservation and Restoration Technology .....	7
	文化財修復整備技術	

**HEALTH AND MEDICAL CARE/POPULATION 保健医療・人口**

**Infectious Diseases 感染症対策**

J-03-00820	Seminar on Blood and Sexinfectious Diseases, Control of AIDS and ATL .....	10
	A I D S / A T L の疫学及び対策セミナー	
J-03-00787	Advanced Laboratory Technology for Care and Management of HIV-1 Infected Individuals .....	10
	H I V 感染者のケアとマネジメントのための高度診断技術	
J-03-03402	Echinococcosis Control Measures .....	10
	エキノコックス症対策	
J-03-00740	Practice Course of Therapy Prevention of Leprosy .....	11
	ハンセン病の治療及び予防の実践	
J-03-00367	Vaccine Quality Control Technology .....	11
	ワクチン品質管理技術	
J-03-00604	Seminar on Eradication of Vaccine Preventable Disease .....	11
	ワクチン予防可能疾患の根絶セミナー	
J-03-00773	Training Course for the Specialist of Infection Control and Prevention .....	12
	感染管理指導者養成研修	
J-03-00819	Seminar on Infectious Hepatitis, its Epidemiology and Prevention .....	12
	肝炎の疫学とその予防対策セミナー	
J-03-00642	Tuberculosis Control Laboratory Management .....	12
	結核対策細菌検査マネージメント	
J-03-03507	National Tuberculosis Programme Management .....	13
	国家結核プログラム管理	
J-03-00739	Improvement of Virological Techniques for the Global Polio Eradication program .....	13
	地球規模ポリオ根絶のためのウイルス検査技術の質的向上	
J-03-00638	Managing Tuberculosis at Intermediate-Level .....	13
	中間レベル結核管理	
J-03-00813	Research for Tropical Medicine II .....	14
	熱帯医学研究 II	
J-03-00619	Development of Laboratory Diagnosis of Drug Resistant Microbes .....	14
	薬剤耐性病原体の実験室診断	

**Maternal and Child Health/Reproductive Health 母子保健・リプロダクティブヘルス**

J-03-00707	Reproductive Health Seminar for Senior Officers	
	~Capacity Building of NGO towards Community-based RH~ .....	14
	リプロダクティブ・ヘルス指導者セミナー	
	~地域に根ざしたNGOの能力強化 (キャパシティー・ビルディング) ~	

J-03-00614	Seminar on Adolescent Sexual and Reproductive Health ..... 15 思春期リプロダクティブ・ヘルス・セミナー	15
J-03-00717	Counter-measure for Improvement of Maternal&Child-Health Indices II ..... 15 母子保健指標改善対策II	15
J-03-00757	Human Resources Development in the field of Maternal and Child-Health ..... 15 母子保健人材育成	15
<b>Other Health and Medical Care その他保健医療</b>		
J-03-00794	Community-based Cancer Prevention for the Asian Pacific Countries ..... 16 アジア太平洋諸国地域がん予防対策	16
J-03-00670	Practice Course of the Latest Cancer Treatment ..... 16 がん治療普及対策	16
J-03-03464	Medical Staff Training Course (Radiological Technology, Rehabilitation) ..... 16 医療技術スタッフ練成	16
J-03-00823	Health and Environmental Technologists II ..... 17 衛生環境分析技術者II	17
J-03-00825	Clinical Course in Urology for General Surgeons II ..... 17 外科医のための泌尿器科臨床研修II	17
J-03-00255	Nursing Management ..... 17 看護指導者育成	17
J-03-00796	Seminar on Emergency/Disaster Medicine II ..... 18 救急・大災害医療セミナーII	18
J-03-00641	Seminar on Health Systems Management ..... 18 公衆衛生行政管理	18
J-03-00621	Seminar on Parasite Control Administration for Senior Officers -a Step towards Primary Health Care- ..... 18 国際寄生虫予防指導者セミナー	18
J-03-03435	Comprehensive Health and Medical Care in Disaster ..... 19 災害総合保健医療	19
J-03-00305	Occupational Health ..... 19 産業医学	19
J-03-00816	Dental Education ..... 19 歯学教育	19
J-03-00738	Cardiovascular Diseases II ..... 20 循環器病対策II	20
J-03-03519	Nutrition and Diet Improvement for Woman Leaders II ..... 20 女性指導者のための食物栄養改善II	20
J-03-00678	Neonatal Screening for Congenital Hypothyroidism and Phenylketonuria ..... 20 新生児マススクリーニング(クレチン症・フェニルケトン尿症)	20
J-03-03492	Lifestyle Related Diseases Prevention ..... 21 生活習慣病予防対策	21
J-03-00786	Seminar for Senior Officers in Psychiatric Team-Care ..... 21 精神科チーム医療指導者研修(アジア)	21

J-03-03458	Detection of Early Gastrointestinal Cancer and Related Digestive Tumors .....	21
	早期胃癌診断 (アジア、中南米、中近東)	
J-03-00753	Histopathological Diagnosis of Early Esophagogastric and Colorectal Carcinomas (Latin America) .....	22
	早期食道・胃・大腸癌の病理組織診断 (中南米)	
J-03-00676	Community Health Services .....	22
	地域保健指導者	
J-03-03460	Prevention of Health Hazards resulting from Agricultural Work .....	22
	農作業に伴う健康障害予防対策セミナー	
J-03-00694	Hospital Administration and Health Services Management .....	23
	病院管理技術とヘルスサービスマネージメント	
J-03-00677	Hospital Management (with special reference to Financial Capacity Building) .....	23
	病院経営・財務管理	
J-03-00618	Hospital Pharmacy .....	23
	病院薬学	
J-03-00741	Seminar for Health Policy Development .....	24
	保健衛生政策向上セミナー	
no executed	Radiation Protection: from Sources to Effects .....	24
	放射線防護：線源から影響まで	
J-03-03470	Drug Abuse Prevention Activities (Asian Region-in collaboration with U.S. Government) .....	24
	薬物乱用防止啓発活動 (日米協力)	
J-03-00341	Clinical Nursing .....	25
	臨床看護実務	
J-03-00675	Clinical Laboratory Technology .....	25
	臨床検査技術	

<b>WATER RESOURCE 水資源</b>
---------------------------

**Water Resource Development 水資源開発**

J-03-00766	River & Dam Engineering III .....	28
	河川及びダム工学Ⅲ	
J-03-03430	Water Resources and Environmental Management in Arid Region .....	28
	乾燥地域における水資源・環境管理	
J-03-00620	Irrigation Water Resources in Arid and Semi-Arid Region and Eia for Sustainable Development .....	28
	乾燥地水資源の開発と環境評価	
J-03-00639	Engineering on Water Supply Systems .....	29
	上水道施設技術	
J-03-03529	Non-Revenue Water Management .....	29
	上水道無収水量管理対策Ⅱ	
J-03-00763	Waterworks Engineering II .....	29
	水道技術者養成Ⅱ	
J-03-00597	Operation and Maintenance of Urban Water Supply Systems .....	30
	都市上水道維持管理	

**Disaster Management 災害対策**

J-03-03504	Global Seismological Observation II .....	30
	グローバル地震観測II	
J-03-00696	Fire Prevention Techniques .....	30
	火災予防技術	
J-03-00630	Volcanology and Sabo Engineering .....	31
	火山学・砂防工学	
J-03-00780	Meteorology .....	31
	気象学	
J-03-03423	Natural Disaster Mitigation .....	31
	自然災害防災研究	
J-03-03521	Disaster Mitigation and Restoration System for Infrastructure (for Civil Engineer) .....	32
	社会基盤施設の災害に対する危機管理	
J-03-00814	Fire Fighting Techniques II .....	32
	消火技術II	
J-03-00634	Seismology and Earthquake Engineering .....	32
	地震・耐震工学	
J-03-00695	Seminar on Disaster Management .....	33
	防災行政管理者セミナー	

**GOVERNMENT ガバナンス****Administration 行政**

J-03-03224	ASOSAI Workshop .....	36
	ASOSAI ワークショップ	
J-03-00830	Top Managers' Seminar (Cambodia) .....	36
	トップマネージャーセミナー (カンボジア) 地方行政	
J-03-00829	Top Managers' Seminar (Vietnam) Fire Control Administration .....	36
	トップマネージャーセミナー (ベトナム) 消防行政	
J-03-00828	Top Managers' Seminar (Vietnam) .....	37
	ベトナム地方行政に携わる幹部との交流セミナー	
J-03-00171	Development Policies .....	37
	開発政策	
no executed	International Forensic Seminar on Counterfeit Currency .....	37
	偽造通貨に関する国際法科学セミナー	
J-03-00342	Rescue Techniques .....	38
	救急救助技術	
J-03-00668	Seminar on Economic Development Policies .....	38
	経済政策セミナー	
J-03-00737	Seminar on Police Info-Communications .....	38
	警察情報通信セミナー	
J-03-00079	Traffic Police Administration (Seminar) .....	39
	交通警察行政研修	

J-03-00709	Seminar on Audit of Public Works .....	39
	公共事業会計検査セミナー	
J-03-00777	Seminar on International Terrorism Investigation II .....	39
	国際テロ事件捜査セミナー II	
J-03-00596	Seminar on Criminal Identification .....	40
	国際鑑識セミナー	
J-03-03283	Seminar for Senior Police Managers .....	40
	国際警察トップリーダーズセミナー	
J-03-00626	International Seminar on Taxation (General Course) .....	40
	国際税務行政セミナー (一般コース)	
J-03-00115	International Seminar on Taxation (Senior Course) II .....	41
	国際税務行政セミナー (上級コース) II	
J-03-03453	Seminar on Criminal Investigation II .....	41
	国際捜査セミナー II	
J-03-03477	Immigration Control Administration (Asian Countries) .....	41
	出入国管理行政 (アジア諸国)	
J-03-00320	Seminar on National Government Administration (Senior Class Officials) .....	42
	上級国家行政セミナー	
J-03-00569	Seminar on Government Human Resource Management (Senior Class Officials) .....	42
	上級人事管理セミナー	
J-03-03424	Government Human Resource Management .....	42
	人事行政研修	
J-03-00646	Customs Administration .....	43
	税関行政	
J-03-03440	Local Government Policy and Programme .....	43
	地方自治研修	
J-03-03485	Administration Management for Environmental Restoration & Conservation by Minamata City Gov't .....	43
	地方自治体による環境再生・保全行政 (水俣病の経験と教訓)	
J-03-00593	Local Government Administration & Public Services .....	44
	地方自治体行政	
J-03-00706	Seminar on Control of Drug Offences III .....	44
	薬物犯罪取締セミナー III	
<b>Judicial Administration 司法</b>		
J-03-00804	Corruption Control in Criminal Justice II .....	44
	汚職防止刑事司法支援 II	
J-03-00778	Copyright Systems Development II .....	45
	著作権制度整備 II	
J-03-00649	Crime Prevention (Treatment of Offenders) .....	45
	犯罪防止 (矯正保護)	
J-03-00658	Crime Prevention (the Administration of Criminal Justice) .....	45
	犯罪防止 (刑事司法)	



J-03-00701	Crime Prevention (Senior Seminar) ..... 46 犯罪防止（上級）セミナー	46
<b>Statistics 統計</b>		
J-03-00567	Analysis and Interpretation of Official Statistics ..... 46 官庁統計の解析及び解釈	46
J-03-03472	Industrial and Commercial Statistics (for ASEAN Countries) ..... 46 産業統計（アセアン諸国）	46
J-03-00645	Modules on Core Official Statistics ..... 47 統計モジュール	47
J-03-00697	Application of Information and Communications Technology to Statistical Processes ..... 47 統計業務における情報通信技術の適用	47
J-03-00750	Agricultural Statistics Course for Senior Statistical Officers ..... 47 農業統計指導者	47

**SOCIAL WELFARE 社会保障**

<b>Welfare for Disabled Person 障害者支援</b>		
J-03-00760	Support for Visually Impaired Persons with Therapeutic Massage (Asia Pacific) ..... 50 アジア・太平洋視覚障害者支援（マッサージ業）	50
J-03-00725	Independent Living for Disabled Persons ..... 50 セルフ事業による障害者自立	50
J-03-00429	Rehabilitation of Persons with Disabilities-Vocational Rehabilitation & Workshop Management ..... 50 リハビリテーション専門家コース	50
J-03-03397	Instructors' Training of Esophageal Vocalization (for Asian Countries) ..... 51 喉頭摘出者のための食道発声指導員養成（アジア）	51
J-03-03503	Technical Aid for Visually Disabled Persons ..... 51 視覚障害者用支援技術	51
J-03-00693	Sports Instructor for Persons with Disabilities ..... 51 障害者スポーツ指導者	51
J-03-00430	Leaders of Persons with Disabilities ..... 52 障害者リーダーコース	52
J-03-00640	Intellectual Disabilities ..... 52 知的障害福祉	52
J-03-00321	Prosthetic and Orthotic Technicians ..... 52 補装具製作技術	52
J-03-03469	Leadership Training of Asian and Oceanian Deaf Persons ..... 53 聾者のための指導者（アジア・太平洋諸国）	53
<b>Employment 雇用関係</b>		
J-03-00769	Occupational Safety Management in Construction Industry II ..... 53 建設業における労働安全管理Ⅱ	53
J-03-03522	Environmental Risk Management in the Workplace ..... 53 作業環境リスクマネジメント	53

J-03-00812	Ergonomics in the Workplace .....	54
	作業場における人間工学	
J-03-00742	Seminar on Labour-Management Relations Policy Development .....	54
	労使関係政策向上セミナー	
J-03-00718	Seminar on Policy of Industrial Safety and Health .....	54
	労働安全衛生政策セミナー	

<b>TRANSPORT/TRAFFIC 運輸交通</b>
-------------------------------

**Land Transport 陸上運輸交通**

J-03-00781	Regulation and Type Approval System for Safety and Environmental Protection of Motor Vehicle .....	56
	自動車の環境・安全に関する基準・認証制度	
J-03-00788	Motor Vehicle Inspection and Maintenance System .....	56
	自動車検査整備制度	
J-03-00782	Comprehensive Urban Transportation Planning and Project II .....	56
	総合都市交通計画・プロジェクトII	
J-03-00667	Railway Management .....	57
	鉄道経営計画	
J-03-00783	Colloquium on Urban Transport II .....	57
	都市公共交通コロキウムII	
J-03-03516	Road Engineering and Administration .....	57
	道路技術	
J-03-00691	Seminar on Road Administration .....	58
	道路行政セミナー	
J-03-00606	Modernization of Cargo Transport (Physical Distribution) .....	58
	物流近代化	

**Water Transport 水上運輸交通**

J-03-00331	Container Terminal Development .....	58
	コンテナ埠頭整備計画	
J-03-00791	Shipping Administration .....	59
	海運行政	
J-03-00809	Maritime Education and Training for Safety Management (Engineering) .....	59
	海事安全教育訓練(機関)	
J-03-00636	International Maritime Conventions and Ship Safety Inspection .....	59
	海事国際条約及び船舶安全検査	
J-03-00807	Maritime Search and Rescue and Disaster Prevention Course for Policy Planners .....	60
	海難救助・海上防災	
J-03-00684	Seminar on Port Administration and Management .....	60
	港湾管理運営セミナー(上級)	
J-03-00635	Port and Harbour Engineering .....	60
	港湾工学	
J-03-00743	Maritime Education of Advanced Information Technology (Navigation) .....	61
	情報技術応用海事教育(航海)	

J-03-00713	Hydrographic Survey (Internationally Accredited Category B Course) II .....	61
	水路測量 (国際認定B級) II	
J-03-00685	Shipbuilding and Quality Management System .....	61
	造船と品質保証制度	
<b>Air Transport 航空運輸交通</b>		
J-03-03408	Seminar on Airport Engineering .....	62
	空港技術セミナー	
J-03-00400	Seminar on Air Traffic Management .....	62
	航空交通管理セミナー	
no executed	Seminar on CNS Technology .....	62
	航空通信・航法・監視 (CNS) 技術セミナー	
J-03-00318	Seminar on Aviation Security .....	63
	航空保安セミナー	

**INFORMATION TECHNOLOGY 情報通信技術****Information Technology 情報通信技術**

J-03-00651	ICT Executives' Seminar (Broadcasting) .....	66
	ICT幹部セミナー (放送)	
J-03-00710	Public Telecommunications Network Engineering using IP & Multimedia Applications .....	66
	IP & マルチメディア公衆通信ネットワーク構築技術	
J-03-00746	IP Network Access Technologies .....	66
	IPネットワークアクセス技術	
J-03-00747	IP Network Server Design Administration Practice .....	67
	IPネットワークサーバー設計管理者養成	
J-03-03531	TCP/IP Network Designing and Routing Techniques .....	67
	TCP/IPネットワーク設計技術	
J-03-03497	Internet Application Technology .....	67
	インターネット応用技術	
J-03-00607	Electronics Engineering (Computer Interface) .....	68
	エレクトロニクス技術 (コンピュータ・インターフェイス)	
J-03-00566	Computer (PC Application Designer) .....	68
	コンピュータ (PCアプリケーション設計者)	
J-03-00560	Computer (Web Application Server System Designer (A)) .....	68
	コンピュータ (Webアプリケーションサーバシステム設計者 (A))	
J-03-00558	Computer (Web Application Server System Designer (B)) .....	69
	コンピュータ (Webアプリケーションサーバシステム設計者 (B))	
J-03-00557	Computer (Client/Server System Designer (PC)) .....	69
	コンピュータ (クライアントサーバシステム設計者 (PC))	
J-03-00561	Computer (Client Server System Designer (UNIX)) .....	69
	コンピュータ (クライアントサーバシステム設計者 (UNIX))	
J-03-00562	Computer (System Analyst (A)) .....	70
	コンピュータ (システム・アナリスト (A))	

J-03-00563	Computer (System Analyst (B)) ..... コンピュータ (システムアナリスト (B))	70
J-03-00559	Computer (Database Engineer) ..... コンピュータ (データベース技術者)	70
J-03-00564	Computer (Network Engineer (A)) ..... コンピュータ (ネットワーク技術者 (A))	71
J-03-00565	Computer (Network Engineer (B)) ..... コンピュータ (ネットワーク技術者 (B))	71
J-03-00556	Computer (IT Instructor) ..... コンピュータ (情報処理技術インストラクタ)	71
J-03-00555	Computer (IT Division Manager) ..... コンピュータ (情報処理部門管理者)	72
J-03-00473	Digital Video Production ..... デジタルビデオ制作	72
J-03-00821	Broad-Band Telecommunication Network Maintenance Techniques ..... ブロードバンドネットワーク保守技術	72
J-03-00437	Multimedia Production for Education (A) ..... マルチメディア教材制作 (A)	73
J-03-00491	Multimedia Production for Education (B) ..... マルチメディア教材制作 (B)	73
J-03-00776	Remote Sensing Technology III ..... リモートセンシング技術III	73
J-03-00703	Rural Telecommunication Planning ..... ルーラル通信計画	74
J-03-00652	Satellite Communication Engineering and Applications ..... 衛星通信応用技術	74
J-03-00806	Rapid Mail Service II ..... 急送郵便業務II	74
J-03-03501	Information Technology for School Teachers and Staffs ..... 教育関係者のためのIT研修	75
J-03-03478	Fiber Optics Backbone Network (Land & Submarine Cable) Engineering ..... 光基幹伝送路網 (陸上及び海底ケーブル) 技術	75
J-03-00333	Fiber Optics Outside Plant Engineering ..... 光線路技術	75
J-03-00650	International Telecommunication Services ..... 国際通信業務サービス	76
J-03-00674	International ISDN Telecommunication Engineering and Applications ..... 国際通信総合サービスデジタル網応用技術	76
J-03-00680	Information Systems Promoting Course ..... 情報化推進	76
J-03-00817	Telecommunication Network Planning and Designing ..... 総合通信網計画設計	77

J-03-00616	Telecommunication Outside Plant Engineering Techniques .....	77
	通信線路技術者育成	
J-03-00344	Transmission Technology for Telecommunications .....	77
	伝送通信技術	
J-03-03481	Telecommunications Policy and Regulations .....	78
	電気通信政策	
J-03-03479	Telecommunications Standardization .....	78
	電気通信標準化	
J-03-00180	Radio Frequency Monitoring II .....	78
	電波監視 II	
J-03-00702	Seminar on Postal Service Management .....	79
	郵便事業経営セミナー	
<b>Broadcasting 放送</b>		
J-03-00715	Television Programme Production (Basic) .....	79
	テレビジョン番組制作の基礎	
J-03-00775	Television Engineering III .....	79
	テレビジョン放送技術 III	
J-03-00609	Audio Broadcasting Engineering II .....	80
	音声放送技術 II	
J-03-00716	Advanced Television Programme Production .....	80
	上級テレビジョン番組制作	

**ENERGY/MINERAL エネルギー・鉱業**

<b>Energy Supply エネルギー供給</b>		
J-03-03457	Plant Engineering and Technical Standard for Energy Related Facilities .....	82
	エネルギー関連設備の管理と技術基準	
J-03-00578	Thermal-Electric Power Engineering for Gas Turbine & Coal Fired Power Generation .....	82
	ガスタービン・蒸気タービン（石炭）火力発電	
J-03-00647	Hydro-Electric Power Engineering (for Sustainable Development) .....	82
	環境調和型水力発電	
J-03-00730	Nuclear Power Generation Basic Course .....	83
	原子力発電基礎	
J-03-00728	Electric Power Management by Benchmarking .....	83
	指標管理型電気事業経営	
J-03-03432	Small Scale Hydropower Engineering .....	83
	小水力発電技術	
J-03-00827	Economical Planning and Operation for Electric Power Transmission .....	84
	電力輸送効率化	
J-03-00797	The Improvement for Electric Power Distribution Grid .....	84
	配電網整備	

<b>Energy Conservation 省エネルギー</b>		
J-03-00315	Energy Efficiency and Conservation .....	84
	省エネルギー	
<b>Renewable Energy 再生可能エネルギー</b>		
J-03-00758	Zero Emission-Type Agriculture & Environmental System for Rural Area .....	85
	ゼロ・エミッション型農業・農村環境システム	
<b>Mining 鉱業</b>		
J-03-00602	Sustainable Mineral Development .....	85
	環境調和型鉱業開発	
J-03-00601	Coal Mine Technology .....	85
	石炭鉱山技術	
J-03-03495	Safety and Environment Management for Offshore Petroleum Gas Development .....	86
	石油・ガス開発における海洋環境汚染防止	

**ECONOMIC POLICY 経済政策**

<b>Transition to Market Economy 市場経済化</b>		
J-03-00704	Seminar on Small & Medium Enterprises Development Policies .....	88
	中小企業政策セミナー	
J-03-00624	Anti-Monopoly Act and Competition Policy .....	88
	独占禁止法と競争政策	
<b>Finance 金融</b>		
J-03-00612	Financial Industry Information Systems .....	88
	金融情報システム	
J-03-03471	Stock Exchange Seminar for Asian Countries .....	89
	証券取引所セミナー (アジア地域)	

**PRIVATE SECTOR DEVELOPMENT 民間セクター開発**

<b>Small and Medium Enterprises Promotion 中小企業育成・裾野産業育成</b>		
J-03-03419	Enterprise Networking Regional Development .....	92
	企業ネットワークによる中小企業振興	
J-03-03528	Seminar on Project Appraisal for Industry and SME's Development .....	92
	工業プロジェクト評価と中小企業育成セミナー	
J-03-03456	Consultancy Service for Small & Medium Enterprises .....	92
	中小企業診断Ⅱ	
<b>Industrial Foundation System 産業基盤制度</b>		
J-03-00736	Intellectual Property for APEC Economies .....	93
	A P E C 知的財産権	
J-03-03417	Seminar on Standardization and Quality System for ASEAN Countries .....	93
	A S E A N 標準化・品質システム	
J-03-00767	Asia Pacific Legal Metrology System .....	93
	アジア太平洋法定計量システム	

J-03-00722	Business Management Cooperation in the Asia-Pacific .....	94
	アジア太平洋民間協力	
J-03-00719	Research on Standards, Material Reference and Evaluation for Industry .....	94
	産業標準・評価技術	
J-03-03409	Management of Chambers of Commerce and Industry .....	94
	商工会議所マネジメント (アジア・西太平洋)	
J-03-00340	Practical Production Management (Theory & Practice on Productivity Improvement) .....	95
	生産性向上実践技術	
J-03-00623	Implementation of Conformity Assessment for Industry .....	95
	適合性評価実践 (工業分野)	
J-03-00803	Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment II .....	95
	投資環境法整備 II	
<b>Industrial Technology 産業技術</b>		
J-03-00792	Bioindustry II .....	96
	バイオインダストリー II	
J-03-03505	Improvement and Manufacture of Essential Machine Parts for Plant .....	96
	プラント用必須予備品の改善と製作	
J-03-03399	Advanced Microbial Enzyme Technology .....	96
	応用微生物酵素工学	
J-03-03442	Environmental Management Technology in Chemical Industries .....	97
	化学産業における環境管理技術	
J-03-03406	Functional Organic Materials Technology .....	97
	機能性有機材料工学	
J-03-00790	Maintenance of Construction Machinery III .....	97
	建設機械整備 III	
J-03-03447	Quality Management of Steel Fabrication .....	98
	鋼材加工の品質管理	
J-03-03400	High Performance Polymer Technology .....	98
	高性能高分子工学	
J-03-03446	Heat Treatment and Metal Finishing Technology for Improving Metal Property .....	98
	材料性質改善処理技術	
J-03-03483	Seminar on Evaluation of National R&D Projects .....	99
	産業技術に係る研究開発プロジェクト評価セミナー	
J-03-03441	Automobile and Environment .....	99
	自動車と環境	
J-03-00818	Nondestructive Inspection Technique for Quality Management & Plant Asset Management .....	99
	非破壊検査技術 III	
J-03-03454	Processing and Characterization of Inorganic Materials and Metals .....	100
	無機・金属材料	
J-03-00600	Welding Engineer .....	100
	溶接技術者研修	

**Export and Investment Promotion 貿易／投資促進**

J-03-03496	Operation of Understanding on Rules and Procedures governing the DSU, WTO Agreement .....	100
	WTO協定・紛争解決了解の運用	
J-03-03525	Sustainable Tourism Development II .....	101
	観光開発と環境保全II	
J-03-03455	Tourism Promotion & Marketing .....	101
	観光振興とマーケティング	
J-03-00705	Intellectual Property Rights .....	101
	国際知的財産権	
J-03-00732	Trade and Investment Promotion Seminar (Asian Countries) .....	102
	貿易・投資促進実務(アジア)	
J-03-00733	Trade and Investment Promotion Seminar (African and Middle Eastern Countries) .....	102
	貿易・投資促進実務(アフリカ・中近東)	
J-03-00731	Trade and Investment Promotion Seminar (Latin American Countries) .....	102
	貿易・投資促進実務(中南米)	
J-03-00208	Foreign Trade Development .....	103
	貿易促進	
J-03-00734	Management on Trade and Investment Insurance .....	103
	貿易保険制度運用	
J-03-03425	Administration of Security Export Controls .....	103
	輸出管理実務(アジア諸国)	

**AGRICULTURAL/RURAL DEVELOPMENT 農業開発／農村開発**

**Post Harvest/Distribution/Market ポスト・ハーベスト／流通／市場**

J-03-00683	Mycotoxin Inspection in Food .....	106
	マイコトキシン検査技術	
J-03-03410	Assurance of Food Safety and Quality Control .....	106
	食品の安全性確保	
J-03-03527	Food Processing and Preservation Technology II .....	106
	食品加工・保全技術II	
J-03-00808	Microbial Inspection for Food Safety II .....	107
	食品微生物検査技術II	
J-03-03514	Food Sanitation Administration (African Countries) .....	107
	食品保健行政(アフリカ諸国)	
J-03-03518	Utilization and Preservation Techniques for Agricultural and Animal Products .....	107
	農畜産物の利用とその保蔵技術	
J-03-03486	Food Safety Control System in Sub-Saharan African Countries .....	108
	農畜水産食品の安全管理(サブサハラアフリカ諸国)	
J-03-00772	Post-Harvest Rice Processing II .....	108
	米の収穫後処理技術II	



**Agricultural Policy/System 農業政策・制度**

J-03-03491	Management of Natural Resources and Agricultural Production by GIS (Geographic Information System) .....	108
	G I S (地理情報システム) による天然資源・農業生産物の管理	
J-03-03493	Plant Variety Protection (Plant Breeder's Rights) .....	109
	植物育成者権保護	
J-03-03520	Agricultural Information System Techniques .....	109
	農業情報システム	
J-03-00648	Agricultural Extension Planning and Management .....	109
	農業普及企画管理者	
J-03-00656	The Role of Agricultural Cooperatives to be played in Activation of Rural Economy .....	110
	農村経済活性化に果たす農協の役割	

**Agricultural Development 農業開発**

J-03-00700	Agrobiotechnology .....	110
	アグロバイオテクノロジー	
J-03-00724	OISCA Farmers Development Training Course .....	110
	オイスカ農業者育成研修	
J-03-00682	Irrigation and Drainage for Rural Development .....	111
	かんがい排水・農村開発	
J-03-03500	Operation and Management of Irrigation Canal Systems .....	111
	かんがい用水システム運営管理	
J-03-00771	Rice Research Techniques II .....	111
	稲研究 II	
J-03-00751	Embryo Transfer Technology for Domestic Animal .....	112
	家畜受精卵移植技術	
J-03-00714	Breeding and Artificial Insemination Technology for Cattle .....	112
	牛育種・人工授精技術	
J-03-00761	Technical Training Course for Diagnosis of Bovine Spongiform Encephalopathy .....	112
	牛海綿状脳症 (B S E) 診断技術研修	
J-03-00826	Poultry Production and Management Technology .....	113
	鶏飼養管理・生産技術	
J-03-03513	Veterinary Technology for Farm Animals .....	113
	産業動物の獣医技術	
J-03-03475	Forage Crops Production and Utilization .....	113
	飼料作物生産・利用技術	
J-03-03499	Agricultural Mechanization for Sustainable Farming System .....	114
	持続型営農機械化システム	
J-03-00681	Implemental Technology for Horticulture in Protected Environment .....	114
	実践施設園芸技術	
J-03-03431	Research on Veterinary Technology .....	114
	獣医技術研究	
J-03-00334	Sustainable Dairy Farming System and Related Techniques .....	115
	循環型酪農システム	



**CONTENTS**  
目次

J-03-03476	Advanced Studies on Protozoan Diseases .....	115
	上級原虫病研究	
J-03-00770	Sustainable Use of Plant Genetic Resources .....	115
	植物遺伝資源の持続的利用	
J-03-00824	Plant Quarantine (Thermal Treatment for the Disinfestation of Fruit Flies) II .....	116
	植物検疫 (ミバエ類殺虫技術) II	
J-03-00810	Integrated Pest Management for Plant Protection II .....	116
	植物保護のための総合防除 II	
J-03-00800	At Farm-Level Detection of Pathogens for Food Animals .....	116
	畜水産生産現場における病原体検査技術	
J-03-00595	Soil Diagnosis and Environmental Conservation .....	117
	土壌診断環境保全	
J-03-00326	Sustainable Utilization of Tropical Agriculture and Forestry Resources (Production and Postharvest) .....	117
	熱帯農林資源の持続的利用 (熱帯・亜熱帯の植物生産とポストハーベスト)	
J-03-03473	Farm Machinery Testing for Farm Mechanization .....	117
	農業機械評価試験	
J-03-00799	Introduce Gene Manipulation and Bioinformatics for Agriculture .....	118
	農業生産のための遺伝子操作技術とバイオインフォマティクスコース	
J-03-00755	Sustainable Water Resources Development on Agricultural and Rural Area .....	118
	農業農村における持続的な水資源開発	
J-03-03450	Application of New Technology to Farm Mechanization .....	118
	畑作機械化手法	
J-03-00605	Agricultural Infrastructure Improvement in Upland Crops Area .....	119
	畑地帯における農業開発	
J-03-00726	Upland Farming Management .....	119
	畑地帯農業管理	
J-03-00631	Vegetable Cultivation Technology .....	119
	野菜栽培技術	
J-03-00805	JICA-NGO Partnership Training Course for Participatory Rural Development .....	120
	NGOとの連携による参加型村落開発	
J-03-03511	Integrated Agri. & Rural Dev't through the Participation of Local Farmers II .....	120
	農民参加による農業農村開発 II	

**ECOMANAGEMENT 自然環境保全**

**Ecomanagement 自然環境保全**

J-03-00669	Conservation & Sustainable Management of Coral Reefs .....	122
	サンゴ礁保全	
J-03-00822	Marine Environment Protection II .....	122
	海洋環境保全 II	
J-03-00756	Management of Ecotourism and Sustainable Use of Natural Parks .....	122
	自然公園の管理・運営と利用 (エコツアー)	

J-03-00622	Conservation of Wetland Ecosystems and their Biological Diversity .....	123
	湿地環境及び生物多様性保全	
J-03-00688	Water Environmental Monitoring .....	123
	水環境モニタリング	
J-03-00765	Environmental Management of Regional Drainage Basin .....	123
	地域流域環境管理Ⅱ	
J-03-00735	Conservation and Sustainable Use of Tropical Marine Biological Diversity .....	124
	熱帯海洋生物多様性の保全と持続的利用技術	
J-03-00673	System of Environment Management of Enclosed Coastal Seas .....	124
	閉鎖性海域の水環境管理技術	
<b>Forestry Management/Afforestation 森林資源管理／植林</b>		
J-03-00662	Sustainable Management of Mangrove Ecosystems .....	124
	持続可能なマングローブ生態系管理技術	
J-03-00699	Practical Case Studies on Sustainable Forest Management .....	125
	持続可能な森林経営の実践活動促進	
J-03-00749	Forest Research II .....	125
	森林研究Ⅱ	
J-03-00657	Forest Management Technique .....	125
	森林造成技術者育成	
J-03-00335	Forest Soils .....	126
	森林土壌	
J-03-00627	Sustainable Forest Management in Conservation Area .....	126
	森林保護地域等の管理・経営	
J-03-00789	Biodiversity Information System .....	126
	生物多様性情報システム	

<b>FISHERIES 水産開発</b>
-----------------------

<b>Fisheries 水産</b>		
J-03-00664	Seminar on Coastal Fisheries Management .....	128
	沿岸漁業の管理行政	
J-03-00752	Integrated Management for Coastal Fisheries .....	128
	沿岸漁業の総合的な管理手法	
J-03-00518	Seminar on Fisheries Development and Environment .....	128
	環境と水産開発	
J-03-00515	Handling and Primary Processing of Fishery Products .....	129
	漁獲物処理	
J-03-00351	Fish Pathology and Environmental Management of Aquaculture .....	129
	魚類防疫・環境管理	
J-03-00336	Marine Farming for Stock Enhancement .....	129
	資源培養のための栽培漁業	
J-03-00679	Coastal Fishing Technique for Sustainable Resource Use .....	130
	持続可能な沿岸漁業	

J-03-00594	Sustainable Aquaculture Development .....	130
	持続的増養殖開発	
J-03-00517	Quality Assurance of Marine Food .....	130
	水産食品品質保証	
J-03-00661	Distribution of Fisheries Products .....	131
	生鮮食料品流通（水産物）	
J-03-00720	Maintenance of Refrigeration System .....	131
	冷凍機保守	
J-03-00520	Development Framework for Artisanal Fisheries .....	131
	零細漁業振興	

**GENDER MAINSTREAMING/WOMAN IN DEVELOPMENT** ジェンダー主流化/WID

**Gender and Development** ジェンダーと開発

J-03-03461	Seminar on Women in Environment and Development .....	134
	「環境と開発と女性」セミナー	
J-03-03429	OISCA Rural Life Improvement and Community Development for Women .....	134
	オイスカ農村女性のための生活改善と地域開発	
J-03-00723	Seminar on Gender Mainstreaming for Government Officers .....	134
	ジェンダー主流化政策のための行政官セミナー	
J-03-03480	Seminar on Gender Understanding in Fishing Community Development .....	135
	漁村開発におけるジェンダーセミナー	
J-03-03509	Seminar for Promotion of Education for Girls and Women .....	135
	女性の教育推進セミナー	
J-03-03482	Seminar on Women's Entrepreneurship Development-Training for Program Managers .....	135
	女性起業家育成のためのセミナー（プログラム・マネージャー養成研修）	
J-03-00748	Seminar for Promotion of Gender Equality II .....	136
	男女共同参画推進セミナーII	
J-03-00625	Empowerment of Rural Women .....	136
	農村女性能力向上	

**URBAN/REGIONAL DEVELOPMENT** 都市開発・地域開発

**Urban Development** 都市開発

J-03-03465	Technology for Prevention of Premature Deterioration of Concrete Structures .....	138
	コンクリート構造物耐久性向上技術	
J-03-00690	Comprehensive Bridge Engineering .....	138
	橋梁総合コース	
J-03-00637	Seminar on Practical Application of Construction Technology .....	138
	建設技術活用・応用セミナー	
J-03-00708	Construction Management (Civil Works) .....	139
	建設施工監理	

J-03-00798	Environmental Conservation Measure in Construction Project .....	139
	建設事業における環境保全対策	
J-03-00711	Building Administration and Technology .....	139
	建築行政	
J-03-00692	Planning and Management of National Mapping and Surveying .....	140
	国家測量事業計画・管理	
J-03-00584	Seminar on Improvement of Housing and Living Environments .....	140
	住宅・住環境改善	
J-03-03405	Global Mapping: Application of GIS for Sustainable Development .....	140
	地球環境地図作成技術；持続可能な開発のための地理情報システム	
J-03-00795	Practical Land Readjustment for Urban Development II .....	141
	都市開発における土地区画整理事業実務 II	
J-03-00689	Comprehensive City Planning .....	141
	都市計画総合	
J-03-00325	Urban Development (focused on Land Readjustment Measures) .....	141
	都市整備	
J-03-00801	Urban Greenery and Park Administration II .....	142
	都市緑化行政 II	
<b>Regional Development 地域開発</b>		
J-03-00643	National and Regional Development Policy .....	142
	国土・地域開発政策	
J-03-00768	Excutives' Seminar on Public Works and Management .....	142
	国土技術マネジメント幹部セミナー	
J-03-03489	Project Planning and Management in Participatory Local Social Development .....	143
	参加型地域社会開発のプロジェクト計画・管理	
J-03-00727	Participatory Local Social Development Theories and Practice .....	143
	参加型地域社会開発の理論と実践	
J-03-03530	Infrastructure Dev't & Planning (for Civil Engineer) II .....	143
	社会資本整備計画 II	
J-03-00633	The Advanced Course of Practical Construction Management (for Civil Engineer) .....	144
	総合建設プロジェクトマネジメント	
J-03-00764	General Management for Regional Development and Planning .....	144
	地域開発計画管理 II	
J-03-03512	Seminar on Public Works Administration in Regional Government II .....	144
	地域土木行政セミナー II	

<b>POLLUTION CONTROL 公害対策</b>
-------------------------------

**Air Pollution/Acid Rain 大気汚染・酸性雨**

J-03-00698	Seminar on Policy Implementation and Alternative Technologies concerning Ozone Layer Protection .....	146
	オゾン層保護対策・代替技術セミナー	
J-03-00660	Air Pollution Source Monitoring Management .....	146
	大気汚染源モニタリング管理	

J-03-00613	Air Pollution Control .....	146
	大気汚染対策	
J-03-00329	Air Quality Management Policy .....	147
	大気保全政策	
J-03-00793	Capacity Building for Policy Maker regarding Global Warming (Kyoto Mechanism) .....	147
	地球温暖化対策（京都メカニズム）担当者養成	
J-03-00572	Strategies on Climate Change and Development of National Inventories .....	147
	地球温暖化対策コース	
<b>Water Pollution 水質汚濁</b>		
J-03-00762	Operation & Maintenance of Sewerage Facilities II .....	148
	下水道維持管理II	
J-03-00779	Sewage Works Engineering III .....	148
	下水道技術III	
J-03-00687	Lake Water Quality Management .....	148
	湖沼水質保全	
J-03-00815	Industrial Wastewater Treatment Techniques II .....	149
	産業廃水処理技術II	
J-03-00655	Domestic Wastewater Treatment Technique .....	149
	生活排水対策	
J-03-03515	Technology for Inspection of Water Pollution in Urban Areas II .....	149
	都市型水質汚濁検査技術II	
J-03-00745	Stormwater Drainage Technology With Sewerage System II .....	150
	都市排水II	
J-03-03074	Saving And Re-use of Waste Water .....	150
	廃水の再生利用	
<b>Industrial Waste Management 産業廃棄物</b>		
no executed	Industrial Solid Waste Recycling Technology .....	150
	産業廃棄物の再資源化	
<b>General Waste Management 一般廃棄物</b>		
J-03-00802	Urban Solid Waste Management II .....	151
	都市廃棄物処理II	
J-03-03526	Comprehensive Waste Management Technique .....	151
	廃棄物管理総合技術	
J-03-00671	Seminar on Comprehensive Solid Waste Management .....	151
	廃棄物総合管理セミナー	
<b>Cleaner Production クリーナー・プロダクション</b>		
J-03-03449	Plant Maintenance Engineering for Cleaner Production .....	152
	クリーナープロダクションのためのプラントメンテナンス技術	
J-03-03459	Renovation of Industrial Plant for Cleaner Production .....	152
	クリーナープロダクションのための工業設備のリノベーション	
J-03-00629	Plant Maintenance Management for Cleaner Production .....	152
	クリーナープロダクションのための保全管理	

J-03-03414	Computerized Machine Control -Systematization of Industrial Plant Equipment for Cleaner Production .....	153
	コンピューターによる機械制御-クリーナープロダクションのための高度設備システムの構築-	
J-03-00310	Automatic Control (Basic)-Automation of Industrial Plant Equipment for Cleaner Production .....	153
	自動制御(基礎)-クリーナープロダクションのための設備システムの構築-	
<b>Other Pollution Control その他公害対策</b>		
J-03-00672	Environmental Impact Assessment .....	153
	環境影響評価実務	
J-03-00774	Environmental Administration .....	154
	環境行政	
J-03-00663	Environment Policy and Environmental Management System .....	154
	環境政策・環境マネジメントシステム	
J-03-00729	Research on Environmental Technology .....	154
	環境調和技術	
J-03-00811	Risk Assessment and Monitoring for Environmental Chemicals .....	155
	環境負荷化学物質の分析技術及びリスク評価	
J-03-00686	Environmental Radioactivity Analysis and Measurement .....	155
	環境放射能分析	
J-03-00311	Industrial Pollution Control Engineering .....	155
	産業環境対策	
J-03-03510	Top Management Seminar on Sustainable Industrial Development II .....	156
	持続可能な産業開発トップマネジメントセミナーII	
J-03-03462	Engineering for Regional Environmental Preservation .....	156
	地域環境保全技術	
J-03-03524	Heavy Metal and other Hazardous Substance Pollution Control .....	156
	有害金属等汚染対策	

### DEVELOPMENT ASSISTANCE STRATEGY 援助アプローチ/戦略

#### Development Assistance Strategy 援助アプローチ/戦略

J-03-00833	Seminar for Evaluation of ODA Projects .....	158
	ODAプロジェクト評価セミナー	
J-03-00834	Seminar on External Debt Management Practice .....	158
	公的債務管理能力強化セミナー	

### JAPANESE LANGUAGE EDUCATION 日本語教育

#### Japanese Language Education 日本語教育

J-03-00421	Basic Japanese Language for Technical Cooperation .....	160
	技術協力のための基礎日本語	
J-03-00422	Intermediate and Advanced Japanese Language for Technical Cooperation .....	160
	技術協力のための中上級日本語	





***Education***

〈教育〉

TRAINING OF ENVIRONMENTAL EDUCATION DEVELOPMENT FOR PRIMARY AND SECONDARY EDUCATION 初等・中等教育における環境教育開発トレーニング	
Oct.13, 2003 ~ Nov.23, 2003 10 participants J0300759	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
In order to contribute to the environmental conservation, providing opportunities for general public, especially younger generations to experience the diversity and importance of the natural resources is essential. This course aims to develop human resources in this field.	Administrative officers closely related to environmental education in central and/or local government.
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
1) Concept of environmental education - Role of nature school - Observation of environmental education program at primary and secondary school	
2) Environmental education program - Interpreter training - Risk management - Observation of child camp	<b>JICA CENTER</b>
3) Collaboration between administration, residents and NPO - Introduction of the project implemented by Shizuoka prefecture	Chubu International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>

SCIENCE EXPERIMENT IN PRIMARY EDUCATION(SOUTH ASIAN COUNTRIES) II 小学校における理科実験教育(南アジア諸国)II	
TARGET REGION: South Asian countries Oct.5, 2003 ~ Dec.20, 2003 8 participants J0303517	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The course is designed for teachers' trainers for primary education in South Asian countries. The course introduces science practices utilizing simple and low-cost experiment equipment and materials at the Obihiro Youth Science Museum. The purpose of this course is to acquire knowledge and techniques by developing science experiments with low cost materials based on curriculum of primary education in their countries.	(1) a teacher's trainer for primary education or holder of certificate for teaching primary education with more than five years experience in this field (2) being in a position of developing and extending this programme of science education (3) at least high school graduate or equivalent (4) between 25 and 45 years of age
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
The following major subjects will be covers in the course; (1) overview of Japanese education (2) introduction of primary science education and its extension (3) education taking place in science-activity facilities for children (4) international cooperation in the field of education	OBIIHIRO BOARD OF EDUCATION
	<b>JICA CENTER</b>
	Hokkaido International Centre, Obihiro
	<b>COOPERATION PERIOD</b>
	2001 ~ 2005
	<b>REMARKS</b>
	Applicants without Job Report & Questionnaire to the Nomination Forms will not be duly considered. URL: <a href="http://www.jica.go.jp/branch/hico/index.html">http://www.jica.go.jp/branch/hico/index.html</a>

PRACTICE OF SCIENCE EDUCATION FOR SECONDARY SCHOOL 中等科学教育実技	
TARGET REGION: English speaking African countries Aug.18, 2003 ~ Oct.19, 2003 6 participants J0303444	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This course aims to deepen capability of secondary school science teachers for developing experiment tools using low-cost, natural materials, and effective teaching methods utilizing those tools. The course objective is to (1) Understand the system and teaching methodology of science education in Japan (2) Acquire experimental and observational skills in physics, chemistry, biology and earth science (3) Develop low-cost materials for science experiments (4) Design a teaching plan	(1) Be currently engaged in teaching science at a secondary school or in-service training for teachers (2) Have a university degree or the equivalent with more than 3 years of work experience (3) be under 35 years of age
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
(1) Outline (2) Science Experiments and Observations (3) Individual Training (4) School Visit (5) Study Tour	FACULTY OF EDUCATION, HIROSHIMA UNIVERSITY
In (2), participants experience 4 major fields of science education in Japan - physics, chemistry, biology and earth science-. In (3), according to the preferences of participants, training will be provided in the 6 branches of physics, chemistry, biology, earth science, science education and science education methodology. The content of the training will be decided after discussion with instructors.	<b>JICA CENTER</b>
	Chugoku International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2004
	<b>REMARKS</b>

SECONDARY EDUCATION DEVELOPMENT 中等教育開発	
Oct.20, 2003 ~ Nov.24, 2003 6 participants J0303433	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The participants are expected to have acquired knowledge of the following: 1. Basic concepts in secondary education 2. Secondary education development in Japan and developing countries 3. Necessary changes to the secondary education system in each participants' country 4. Others	1. be engaged in secondary educational administration or curriculum planning in secondary school with over 5 years experiences 2. be a university graduate or equivalent
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This training course will be conducted in the form of lectures, observations and reporting. 1: Lectures on Basic Concepts in Secondary Education History and Principles, Curriculum, Evaluation Methods, Training of Teachers and so on. 2: Seminars Comparative Studies of Secondary Education Reforms in Japan, European and American Countries and Developing Countries. 3: Excursions to the Education Chamber of Local Government and a Japanese Junior High School and High School.	English
	<b>TRAINING INSTITUTIONS</b>
	NAGOYA UNIVERSITY, SCHOOL OF EDUCATION
	<b>JICA CENTER</b>
	Chubu International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

ROBOT TECHNOLOGY COURSE FOR VOCATIONAL TRAINING INSTRUCTORS ハイテックロボット制御技術(職業訓練指導員)	
Sep.2, 2003 ~ Feb.22, 2004 5 participants J0300313	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to provide senior instructors of vocational training institutes with an opportunity to acquire up-to-date robot technology and related knowledge.	(1) be university graduates or have equivalent educational background, and have occupational experience for more than 3 years to 8 years, (2) be engaged in vocational training/education in relevant areas, (3) be not less than 25 years and not more than 35 years of age, (4) be not a Doctor-Degree holder.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
(1) Robotics and automation (2) Sensor technology (3) Measuring and controls (4) Small motor technology (5) Speed control of induction motor (6) Sequence control (7) Computer application (8) Practices and report making (9) Seminar and report making (10) Factory observation (11) Field trip	English
	<b>TRAINING INSTITUTIONS</b>
	POLYTECHNIC UNIVERSITY (PTU), EHDO
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	1986 ~ 2003
	<b>REMARKS</b>
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 75 hours.

MECHATRONICS メカトロニクス訓練	
Apr.14, 2003 ~ Dec.20, 2003 8 participants J0300571	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to offer skill improving training to personnel who are currently involved in mechatronics as an instructor. The course further aims to impart to them an understanding of the present situation of mechatronics in Japanese industry. With this knowledge it is hoped participants will be in a position to contribute to the human resources development of their home countries.	(1) instructor at technical high school or vocational training school in mechanical or technology (2) those who have completed basic mechanical subjects, the person of the electrical fields will be excluded from its application (3) university graduate or equivalent (4) between 25 and 35 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
In this course, the emphasis is put on practice. The main themes are: (1) CAD designing (2) Operation of NC machine tools (3) Sequence Control (4) Control systems (5) Automated Machine Manufacturing	English
	<b>TRAINING INSTITUTIONS</b>
	CHIBA POLYTECHNIC CENTER, EHDO
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1997 ~ 2006
	<b>REMARKS</b>

### SEMINAR ON TRAINING MANAGEMENT IN VOCATIONAL TRAINING INSTITUTIONS

職業訓練管理セミナー

Jun.10, 2003 ~ Jul.27, 2003 10 participants J0300345

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purposes of this seminar are to introduce to the participants the current situation of the human resources development administration and the vocational training management in Japan, to provide them with an opportunity for making a comparative study on management and programming of vocational training between Japan and their countries as well as among the participating countries, and thereby to contribute to the improvement of vocational training in each country.	(1) heads presently engaged in management of a vocational training institution, with the expectation to continue to work in the same field (2) between 30 and 50 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
To achieve the above purposes, the following major subjects have been carefully selected so that the participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of vocational training institutions in their countries; (1) lectures on the economic, social and historical background and the present situation of the human resources development administration in Japan (2) lectures on the management of vocational training institutions and facilities, such as human management, operation management and physical management (3) observations of public and private vocational training institutions (4) discussions on country reports and presentations of action plans by participants.	English
	<b>TRAINING INSTITUTIONS</b>
	Overseas Vocational Training Association
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	1986 ~ 2006
	<b>REMARKS</b>

### SEMINAR ON ENHANCING VOCATIONAL TRAINING

職業訓練向上セミナー

Oct.7, 2003 ~ Nov.21, 2003 11 participants J0300632

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purposes of this course are to introduce the outline of vocational training in Japan to vocational training instructors and to increase their knowledge of planning, management and evaluation of vocational training courses through practical exercises, as well as to enhance the techniques of teaching methodology and know-how in the development of teaching materials. The course includes comprehensive discussion.	(1) Active vocational training instructor in industrial field with five or more years experience in public vocational training institution, and be expected to work in the same field in future, (2) Between thirty (30) and forty-five (45) years of age.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
(1) Outline of Human Resources Development Administration in Japan (2) Methodology of Vocational Training: a) Vocational Training and Training Needs b) Course Planning c) Training Method (Lectures) d) Training Method (Practices) e) Training Evaluation (3) Development of Teaching Materials for Vocational Training a) Preparation of Teaching Materials with the Use of PC b) Presentation Method by the Use of PC	English
	<b>TRAINING INSTITUTIONS</b>
	Overseas Vocational Training Association
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

### VOCATIONAL TRAINING INSTRUCTORS(MECHANICAL ENGINEERING FOR INSTRUCTORS AND ENGINEERS)

職業訓練指導員(機械専門技術)

Jun.17, 2003 ~ Feb.22, 2004 11 participants J0300785

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries.	(1)be vocational training instructor and engineer A) in mechanical engineering B)in automotive mechanical engineering (2)be university graduates with at least 5 to 10 years experience (3) the age between 25 to 35 (4)pregnancy is regarded as a disqualifying condition (5)except doctor & master degree holders
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This course consists of 2 sub courses; A) Mechanical Engineering for Production and B) Automotive Mechanical Engineering. A: (1) Machining Technology (2) Precision Measurement (3) Machine Design and Technical Drawing (4) Metallic Materials and Material Testing (5) Control Engineering (6) Quality Control (7) Numerical Control Equipment (8) CAD/CAM/CAE/CAT (9) Pneumatic Equipment (10) Preparation of Training Materials B: (1) Materials for Automobile (2) Automotive Engineering (3) Internal Combustion Engines (4) Mechanism of Automobile (5) Air-Conditioning of Automobile (6) Coating for Automobile Repair (7) Computer Programming (8) Welding (9)CAD	English
	<b>TRAINING INSTITUTIONS</b>
	POLYTECHNIC UNIVERSITY(PTU),EHDO
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>
	Japanese language course(125 hours). Number of participants;5-6(Mechanical Engineering for Production),5-6(Automotive Mechanical Engineering)

**VOCATIONAL TRAINING INSTRUCTORS (INFORMATION TECHNOLOGY AND COMPUTER FOR INSTRUCTORS AND ENGINEERS)**

職業訓練指導員(情報技術)

Jun.17, 2003 ~ Feb.22, 2004 8 participants J0300784

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The course aims to provide participants engaged in vocational/technical profession with requisite technology and information available in Japan, in order to share the outcomes of the training to enhance technical standard and productivity in their respective countries.	(1) be vocational training instructor or engineer in information and computer engineering (2) university graduates with at least 3 years of occupational experience in this field (3) the age between 25 to 35 (4) pregnancy is regarded as a disqualifying condition (5) except doctor & master degree holders
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This course comprised of lectures and practices, mainly covers: (1) Computer Network (2) Optical Fiber Communication System (3) Communication Engineering (4) One-chip Microcomputer Control (5) HTML language (6) Database (7) Unix (8) Computer Programming I~III (9) In plant training	English
	<b>TRAINING INSTITUTIONS</b>
	POLYTECHNIC UNIVERSITY(PTU),EHDO
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>
	A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125 hours).

**SEMINAR ON HUMAN RESOURCES DEVELOPMENT ADMINISTRATION**

職業能力開発行政セミナー

Nov.11, 2003 ~ Dec.19, 2003 13 participants J0300348

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purposes of the seminar are to introduce to the participants the current situation of human resources development administration in Japan specially placing emphasis on vocational training, and to provide them with an opportunity of making comparative study on this field between Japan and the participating countries as well as among their countries, and thereby to contribute to the improvement of the human resources development administration in the respective countries.	(1) at least a director of the department in the central government who is presently engaged in the human resources development administration (2) between 35 and 50 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
To achieve the above purposes, the following major subjects have been carefully selected, so that the participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of human resources administration in their countries. (1) the economic, social and historical background and the present situation concerning the human resources development administration in Japan (2) establishment of training policy and strategy for human resources development administration in Japan (3) general methods of management and operation of various types of vocational training institutions in Japan (4) present situation of human resources development in enterprises	English
	<b>TRAINING INSTITUTIONS</b>
	JAPAN VOCATIONAL ABILITY DEVELOPMENT ASSOCIATION
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	1986 ~ 2006
	<b>REMARKS</b>

**INDUSTRIAL TECHNOLOGY EDUCATION**

産業技術教育

Jun.2, 2003 ~ Jul.21, 2003 10 participants J0303436

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This training course is intended to help development of industrial technology education in developing countries in Africa, Asia, Oceania, and the Middle East by offering the following opportunities to leaders of such countries: 1) overview of industrial technology education in Japan, 2) study of the curriculum and methods in six areas of Japanese technology education, and 3) opportunities to experience Japanese industrial technology.	1. be officials in policy making for educational administration of Central or Local Government in industrial technology with over 5 years' experiences; 2. be between 25 and 45 years old;
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
1. Educational Administration in Japan (•Overall Educational System •Educational System for Industrial Technology) 2. Industrial Technology Education in Japan (•How Industrial Technology is taught (purposes, curriculum, methods, evaluation) •How Industrial Technology Education is evaluated) 3. Teachers' Training in Japan (•Overall Teachers' Training System • Training System for Industrial Technology Teachers) 4. Detailed Curriculum and Methods of Industrial Technology Education at Secondary Schools in Japan (•Metalworking and Woodworking •General Knowledge of Machines and Electricity •Scientific Approach to Plant Cultivation •Information Technology) 5. Visits and Observations (•Visits to a junior high school, a technical high school, a technical college, and in-company training schools in Aichi Prefecture for observing technology classes)	English
	<b>TRAINING INSTITUTIONS</b>
	AICHI UNIVERSITY OF EDUCATION
	<b>JICA CENTER</b>
	Chubu International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

PUBLISHING: PRODUCTION OF EDUCATIONAL MATERIALS IN PRINT FOR CHILDREN AND YOUTH 出版技術研修(青少年向け教材の制作)	
Sep.16, 2003 ~ Oct.12, 2003 10 participants J0303484	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The course aims at the improvement in the quality of books and printed educational materials. It offers participants opportunities to 1) deepen knowledge and improve skills in producing books; 2) gain practical skills through workshops; 3) evaluate and discuss their own publications for further improvement; and 4) share information and experiences on publishing and promote networking.	1) be presently engaged in the production of books or printed educational materials for young people. 2) have basic knowledge on editing and book production with professional experience of at least 2 years. 3) be able to do editorial work on a computer. 4) be between 25 and 40 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
	English
1) Lectures and discussions • Planning • Editing • Utilization of visual aspects in publications 2) Practical Workshop • Training on desktop publishing • Production of a sample copy 3) Observation visits to a publishing house, a bookshop, a printer, etc. 4) Exchange of information among participants	<b>TRAINING INSTITUTIONS</b>
	The Asia/Pacific Cultural Centre for UNESCO
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2003
	<b>REMARKS</b>
	A participating experience in the past training courses in Tokyo organized by ACCU is regarded as a disqualifying condition.

ENVIRONMENTAL EDUCATION FOCUSED ON FRESH WATER ENVIRONMENT ~ FOR TERTIARY LEVEL TEACHING STAFF ~ 水環境を主題とする環境教育	
Aug.25, 2003 ~ Oct.19, 2003 8 participants J0303487	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to provide the participants with practical knowledge and method of environmental education (mainly water environment) through typical examples and observations, in order to contribute to the enhancement and development of environmental education.	1) University/College lecturer or equivalent (2) experience over 4 years and under 13 years in this field (3) over 26 years and under 35 years of age (4) university/college graduate or equivalent (5) Teaching staff of environmental education or person expected to be in charge
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
	English
In this course, the following major subjects will be covered through lectures, practices and observation trips: (1) lecture on environmental education (ecology, earth environment, toxic materials etc.) (2) practice on environmental education (document research study, discussions, analysis, observation study etc.) (3) lecture on water quality management and environment (basic concept of lake maintenance management, history of water pollution in Japan, restriction of industrial pollution in Japan, environmental preservation, resident participation, environmental problem in developing countries) (4) observation study of school education and facilities for environmental purification	<b>TRAINING INSTITUTIONS</b>
	SHIGA UNIVERSITY
	<b>JICA CENTER</b>
	Osaka International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2004
	<b>REMARKS</b>

SEMINAR ON LOCAL EDUCATIONAL ADMINISTRATION(SUB-SAHARAN AFRICAN COUNTRIES)II 地方教育行政セミナー(サブ・サハラアフリカ諸国)II	
TARGET REGION: Sub-Saharan African countries Jan.20, 2004 ~ Feb.22, 2004 10 participants J0300721	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This course aims to provide an opportunity for administrators in charge of local education to understand the local educational administration system of Sapporo City, through a curriculum comprised of lectures, discussions and visits/study trips pertaining to educational administration of Sapporo City and thereby to improve local educational administration in developing countries.	(1) be personnel in charge of the administration of local education in the central or local government (2) university graduates, or equivalent (3) under 45 years of age.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
	English
The course consists of lectures and visits/field trips. Each curriculum is organized to provide effective training from the viewpoint of both theory and practice as follows: (1) educational administration of Sapporo City (2) compulsory education (primary education and lower secondary education in Japan) (3) school and social education in Sapporo.	<b>TRAINING INSTITUTIONS</b>
	SAPPORO EDUCATION RESEARCH INSTITUTE
	<b>JICA CENTER</b>
	Hokkaido International Centre, Sapporo
	<b>COOPERATION PERIOD</b>
	2002 ~ 2006
	<b>REMARKS</b>

MUSEUM MANAGEMENT TECHNOLOGY (MUSEOLOGY) 博物館技術(収集、保存、展示)	
Jul.28, 2003 ~ Dec.21, 2003 8participants J0300617	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to provide comprehensive knowledge on the role and function of contemporary museums both in theory and practice, in order to train experts who are expected to take leading roles in administration and management of museums which will contribute to the promotion of tourism and will be the center of educational and cultural activities.	(1) specialist with at least 3 years of experience in the field of management and administration of museums (2) university graduate or person with equivalent technical qualification in the field (3) between 25 and 45 years of age.
	<b>LANGUAGE</b>
<b>COURSE CONTENTS</b>	English
This course includes lectures and practices on the role and function of modern museums by introducing accumulated knowledge and experience in Japan: (1) introduction of museology (2) museum management (3) collection and documentation (4) exhibits (5) conservation, restoration and transportation (6) education and public relations (7) facilities and security	<b>TRAINING INSTITUTIONS</b>
	NATIONAL MUSEUM OF ETHNOLOGY
	<b>JICA CENTER</b>
	Osaka International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

CULTURAL ASSET PRESERVATION AND RESTORATION TECHNOLOGY 文化財修復整備技術	
Feb.9, 2004 ~ Jun.20, 2004 9participants J0303367	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
To contribute to the preservation and restoration of cultural assets in participating countries by introducing technology accumulated in Kyoto, concentrating on restoration of wooden cultural assets. As a rule, stone cultural assets are not focused in this training course.	(1) leading technical experts with at least three years' experience in the field of cultural asset preservation and restoration technology (2) under 40 years of age
	<b>LANGUAGE</b>
<b>COURSE CONTENTS</b>	English
The course consists of a common programme for all participants and a following specialized training programme. This year specialized training programme will focus on wooden buildings and townscapes.	<b>TRAINING INSTITUTIONS</b>
	The University of Shiga Prefecture
	<b>JICA CENTER</b>
	Osaka International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>





***Health and Medical Care/  
Population***

〈保健医療・人口〉

### SEMINAR ON BLOOD AND SEXINFECTIOUS DISEASES, CONTROL OF AIDS AND ATL

AIDS/ATLの疫学及び対策セミナー

Nov.10, 2003 ~ Dec.8, 2003 10 participants J0300820

#### OVERALL GOAL / PURPOSE

Through the lectures and practices of AIDS/ATL epidemiology, surveillance, laboratory diagnosis, as well as sociological approach, this course is designed to provide the skills on how to construct measures for prevention from the infectious diseases, how to innovate the method of treatment. After their return to home countries, the participants will be able to dedicate themselves to the development of AIDS/ATL research, adapting the acquired knowledge to their own situation.

#### COURSE CONTENTS

Considering various medical situations in developing countries, global AIDS strategy is studied by technology transfer through lectures, group discussions and practices on AIDS epidemiology, preventive measures, diagnosis/treatment skills, and surveillance, as well as visits to laboratories and research institutions.

#### QUALIFICATION OF APPLICANT

(1) middle level administrator or higher rank officials involved in AIDS/ATL-related services, or epidemiologist or clinical specialist with more than 10 years of working experiences. All applicants are required of their MD registered license  
(2) age under 46 years at the time of application

#### LANGUAGE

English

#### TRAINING INSTITUTIONS

KUMAMOTO NATIONAL HOSPITAL

#### JICA CENTER

Kyusyu International Centre

#### COOPERATION PERIOD

2003 ~ 2007

#### REMARKS

### ADVANCED LABORATORY TECHNOLOGY FOR CARE AND MANAGEMENT OF HIV-1 INFECTED INDIVIDUALS

HIV感染者のケアとマネジメントのための高度診断技術

TARGET REGION: West Pacific, Southeast Asia, Africa

Oct.21, 2003 ~ Dec.7, 2003 10 participants J0300787

#### OVERALL GOAL / PURPOSE

Through the survey lectures on several areas of HIV/AIDS study (epidemiology, virology, pathology etc) and practices in small groups, the participants are expected to acquire fundamental knowledge and techniques needed to perform accurate laboratory diagnosis of HIV infection. Promotion of development of human resources and network to facilitate the control of HIV epidemics are also envisaged.

#### COURSE CONTENTS

(Lecture)  
(1) Biosafety issue in handling HIV specimens, (2) HIV/AIDS epidemiology, (3) Retrovirology; (4) Principles of serodiagnosis, (5) Principles of nucleic acid-based diagnosis, (6) Pathology of HIV infection, (6) HIV vaccine, (7) Phylogenetic tree analysis

(Practice)  
(1) Serodiagnostic techniques (ELISA, PA, WB etc.), (2) Nucleic acid based assays (PCR, RT-PCR, Viral load determination, DNA sequencing)

#### QUALIFICATION OF APPLICANT

(1) be engaged in or in a position to supervise actual laboratory diagnosis of HIV infection (2) be willing and able to participate in follow-up and future collaborative work in this field (3) have experience in laboratory diagnosis of infectious diseases (viral or bacterial disease) for 4-10 years

#### LANGUAGE

English

#### TRAINING INSTITUTIONS

NATIONAL INSTITUTE OF INFECTIOUS DISEASES

#### JICA CENTER

Hachioji International Centre

#### COOPERATION PERIOD

2003 ~ 2007

#### REMARKS

### ECHINOCOCCOSIS CONTROL MEASURES

エキノкокクス症対策

Jan.20, 2004 ~ Mar.21, 2004 5 participants J0303402

#### OVERALL GOAL / PURPOSE

The main purpose is gaining comprehensive knowledge of echinococcosis and Echinococcus, to learn techniques on immunoserological diagnosis of echinococcosis and molecular diagnosis of Echinococcus, and to experience special exercises on the public health aspects of echinococcosis control, particularly in relation to food hygiene and environmental hygiene, resulting in learning the importance of health administration which is indispensable to execute control measures against echinococcosis.

#### COURSE CONTENTS

(1) lectures on basic concepts of Echinococcus/echinococcosis (a) Control measures of echinococcosis in the world (b) Control measures of echinococcosis in Hokkaido (c) Biology of Echinococcus (d) Immunoserological diagnosis of echinococcosis (e) Pathology of echinococcosis (f) Clinical aspects, diagnosis and treatment (2) practical exercises on serodiagnosis and molecular diagnosis (a) Enzyme-linked immunosorbent assay (ELISA) (b) Western blotting (WB) (c) Polymerase chain reaction (PCR) (d) Agarose gel electrophoresis-capillary blotting and PAGE-electric blotting with immunodetection (3) Special exercises on the public health aspects of echinococcosis control (4) Special lecture and inspections on the various aspects of hygiene and public health

#### QUALIFICATION OF APPLICANT

(1) a) Public health laboratory staff with MD or DVM and in charge of prevention of echinococcosis b) Senior technical officials in central/provincial government c) medical technologists presently in charge of serodiagnosis of endemic diseases (2) under 40 years of age.

#### LANGUAGE

English

#### TRAINING INSTITUTIONS

HOKKAIDO INSTITUTE OF PUBLIC HEALTH

#### JICA CENTER

Hokkaido International Centre, Sapporo

#### COOPERATION PERIOD

1999 ~ 2003

#### REMARKS

PRACTICE COURSE OF THERAPY PREVENTION OF LEPROSY ハンセン病の治療及び予防の実践	
Apr.1, 2003 ~ Dec.14, 2003 5 participants J0300740	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of the course is to enable participants to pursue further theoretical and experimental studies on leprosy. They will learn up-to-date knowledge and technology indispensable to leprosy control through assigned laboratory research work. The acquired knowledge, technology, and the cultivated research mind will be useful not only for leprosy control but will also contribute to the development of biomedical sciences in participating countries.	(1) be a medical doctor or a graduate from a faculty of science, pharmacy, medical technology or have equivalent academic background, (2) be presently engaged in research or clinical work on leprosy in an organization, (3) be less than forty (40) years of age.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
1. Development of new therapeutic tools against disease induced by Mycobacterium leprae infection. 2. Development of vaccine against Mycobacterium leprae. 3. Molecular biological detection of drug resistant Mycobacterium leprae. 4. Studies on the development of antileprosy chemotherapeutics. 5. Typing of Mycobacterium leprae isolates. 6. Studies on macrophage-Mycobacterium leprae interaction. 7. Molecular biological studies on host genetic factor(s) against Mycobacterium leprae infection. 8. Analysis of immune responses to Mycobacterium leprae infection. 9. Mechanisms of infection, disease progression and neural injury against leprosy. 10. Study to overcome drug resistance in mycobacteria. 11. Molecular cloning of mycobacterial genes using PCR amplification.	English
	<b>TRAINING INSTITUTIONS</b>
	LEPROSY RESEARCH CENTER
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2002 ~ 2006
	<b>REMARKS</b>
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 100 hours.

VACCINE QUALITY CONTROL TECHNOLOGY ワクチン品質管理技術	
Aug.18, 2003 ~ Dec.21, 2003 4 participants J0300367	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The participants are expected to acquire quality control technology for an acceptance inspection of their domestically produced or imported vaccines and techniques for preserving, transporting, or using vaccine correctly in their countries.	(1) university/college graduate or equivalent with occupational experience of more than 3 years in developing, manufacturing and quality control of biological products (2) under 35 years of age (3) working at a national control authority or other forms of vaccine quality control institutions approved by WHO
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This course consists of common subjects for all participants and group work at laboratory. Common subjects are: (1) quality control technology for DPT vaccine. (2) effect of transportation and preservation conditions on the vaccine quality (3) good manufacturing practice. Participants will be focusing on "diphtheria pertussis-tetanus combined vaccine," and will be engaged in the same field after returning to their country	English
	<b>TRAINING INSTITUTIONS</b>
	RESEARCH FOUND. FOR MICROBIAL DISEASES, OSAKA UNIV.
	<b>JICA CENTER</b>
	Osaka International Centre
	<b>COOPERATION PERIOD</b>
	1987 ~ 2006
	<b>REMARKS</b>
	Collaboation programme with WHO Participants are expected to be engaged in the same field after returning to their country

SEMINAR ON ERADICATION OF VACCINE PREVENTABLE DISEASE ワクチン予防可能疾患の根絶セミナー	
Jun.2, 2003 ~ Jul.14, 2003 7 participants J0300604	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to provide middle level managers of the health services with information on : (1) analysis of the history of past polio eradication programmes and elements needed for eradication of vaccine preventable diseases such as measles and diphtheria, (2) setting-up of practical eradication methodology and management of field programme based on beforementioned (surveillance, diagnosis, vaccination, etc.), and (3) review of global eradication programmes, especially the programmes of WHO Western Pacific Region.	(1) medical doctor (2) person of equivalent position manager responsible for the national EPI and/or the polio eradication programme. (3) 50 years of age or less
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
In this seminar, the emphasis is put on report presentation of polio eradication plan in each participants' country through discussions, lectures and field survey practice. The subjects covered in the seminar are : (1) basic lectures (a) virology and epidemiology of poliomyelitis and other vaccine preventable diseases (b) pathology poliomyelitis (c) clinical features of poliomyelitis, measles and diphtheria (d) production of oral polio vaccine (e) maintenance of cold chain (f) laboratory diagnosis management specimens (g) laboratory diagnosis management of diagnostic technique and feedback to field (h) relationship between EPI and polio eradication efforts (2) special lectures (a) introduction to poliomyelitis eradication strategy (b) international health and medical cooperation (3) programme management (4) case study (5) field trips	English
	<b>TRAINING INSTITUTIONS</b>
	AGENCY FOR COOPERATION IN INTERNATIONAL HEALTH
	<b>JICA CENTER</b>
	Kyusyu International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

## TRAINING COURSE FOR THE SPECIALIST OF INFECTION CONTROL AND PREVENTION

感染管理指導者養成研修

Jan.10, 2004 ~ Feb.28, 2004 6 participants J0300773

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
Through technical transfer in the field of infectious diseases, the course organizers have aimed at upgrading infection control measures and diagnostic capabilities of those serving in the above said field.	Applicants should be medical doctors involved in infection control programs.
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
This course will be conducted in the form of two components; group training program and individual training programs. The group training program is composed of lectures and observation tour. Individual training programs are designated to provide participants with practical training at laboratories and clinical wards of hospitals in accordance with specified interested areas for about two weeks. Through the training programme, the participants are expected to: (1) understand basic strategies against infectious diseases, (2) advance knowledge on infectious diseases, (3) be able to diagnose infectious disease accurately, (4) be able to examine patients with infectious diseases in their own countries adequately, (5) improve their diagnostic capabilities, (6) be able to apply the knowledge to medical practice after returning to their respective countries.	INTERNATIONAL MEDICAL CENTER OF JAPAN
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1998 ~ 2002
	<b>REMARKS</b>

## SEMINAR ON INFECTIOUS HEPATITIS, ITS EPIDEMIOLOGY AND PREVENTION

肝炎の疫学とその予防対策セミナー

Aug.25, 2003 ~ Sep.22, 2003 10 participants J0300819

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
Through learning the latest information on various virus hepatitis, this course is designed to provide the participants with the skills on how to establish the strategic policies in local and international level for diagnosis, treatment, and prevention of horizontal/maternal infection, how to execute preventive measures, and how to promote health education in each country.	(1) public administrator, epidemiologist or clinical researcher with MD registered license (2) age under 46 years at time of application (3) good health both in physical and mental terms should be proven in official documents
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
This course comprises three components; lectures, are held at Kumamoto National Hospital to cover virology, epidemiology, traces of hepatitis, hepatitis and its clinical treatment, blood safety assesment, vaccine production, pathology and surveillance measures. Laboratory practice is mainly designed to provide knowledge of and experience in detection, identification and differentiation of antigens through microbiological diagnosis. NIID is a research institution entrusted with research and laboratory service of referred hepatitis-infected cases.	KUMAMOTO NATIONAL HOSPITAL
	<b>JICA CENTER</b>
	Kyusyu International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>

## TUBERCULOSIS CONTROL LABORATORY MANAGEMENT

結核対策細菌検査マネージメント

Sep.23, 2003 ~ Nov.30, 2003 5 participants J0300642

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of the course is to educate the leaders of laboratory works on training methods and to promote nationwide tuberculosis control programmes in participating countries.	(1) A senior technician or a medical doctor responsible for the management of laboratory works in TB control programme in the region/country and the training of health personnel in laboratory works for tuberculosis control (2) Age between 26 and 50 (3) Pregnancy is regarded as a disqualifying condition
	<b>LANGUAGE</b>
	English
<b>COURSE CONTENTS</b>	<b>TRAINING INSTITUTIONS</b>
In this training course, the emphasis is placed on the management and evaluation of TB laboratory system, importance of bacteriological examination such as case-finding in tuberculosis control programmes, how to evaluate staining method of mycobacteria, the way to isolate culture from specimens of tuberculosis patients, the sensitivity test for anti-tuberculosis drugs, the identification of mycobacterium tuberculosis from other mycobacteria, etc.	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2004
	<b>REMARKS</b>
	If tuberculin test is negative, it is advised to have BCG vaccination before departure.

NATIONAL TUBERCULOSIS PROGRAMME MANAGEMENT 国家結核プログラム管理	
Jan.13, 2004 ~ Feb.29, 2004 12 participants J0303507	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to enhance the ability of the participants to manage a national tuberculosis programme and to evaluate the programme through lectures, discussions and observation tours, and also by exchange of experiences and views with the participants from other countries, to contribute to the strengthening of the programmes of the countries concerned.	(1) a medical officer who is in charge of tuberculosis control programme at national level (2) not more than 55 and not less than 35 years of age (3) fluent in communication in English (4) pregnancy is regarded as a disqualifying condition
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
Methods of training consists of lectures, workshop, and field observations. Subjects are (1) Epidemiological analysis of TB problems (2) Social aspect of TB programme (3) Integration of TB programme into PHC system (4) Operational problem of TB programme (5) Preparation of Action plan.	English
	<b>TRAINING INSTITUTIONS</b>
	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2001 ~ 2005
	<b>REMARKS</b>

IMPROVEMENT OF VIROLOGICAL TECHNIQUES FOR THE GLOBAL POLIO ERADICATION PROGRAM 地球規模ポリオ根絶のためのウイルス検査技術の質的向上	
Feb.17, 2004 ~ Mar.14, 2004 7 participants J0300739	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to provide the participants with; (1) standard technique of cell culture, (2) standard technique of isolation and typing of poliovirus, (3) introduction to molecular epidemiology of poliomyelitis, and (4) information on the outline of polio vaccine control.	(1) be presently engaged in laboratory diagnosis of polioviruses at national or provincial organization and be expected to work in the same field in the future, (2) be in a position to write a progress report about six month after resuming office in the home country.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
(1) Lecture - Overview on global polio eradication - Polioviruses - Pathology of poliomyelitis - Data collected in RRL - Molecular Epidemiology of polio and enteroviruses - Polio Surveillance in Western Pacific Region - Isolation and identification of poliovirus - Laboratory diagnosis of enterovirus - Polio eradication in China - Active research for AFP - Laboratory containment (2) Practical Training - Cell culture - Virus isolation from fecal samples - Titration of polioviruses - Identification of polioviruses - Determining neutralizing antibodies to polioviruses - Intratypic differentiation by using PCR-RFLP	English
	<b>TRAINING INSTITUTIONS</b>
	NATIONAL INSTITUTE OF INFECTIOUS DISEASES
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2002 ~ 2006
	<b>REMARKS</b>

MANAGING TUBERCULOSIS AT INTERMEDIATE-LEVEL 中間レベル結核管理	
May.13, 2003 ~ Aug.10, 2003 16 participants J0300638	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of the course is to provide training to key organizers of the national tuberculosis programme in the effective methods of tuberculosis control, in order to prepare them for developing or implementing the programme in a rational, realistic, and efficient manner under their own country's socio-economic conditions.	(1) Medical officers or public health officers who are involved in the national tuberculosis control programme, preferably having, or going to have, a leading role in the programme. (2) The age between 30 and 45. (3) Pregnancy is regarded as a disqualifying condition.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
The teaching methods include lectures with discussion, practical training, workshop and field visits. Main subjects are (1) Basics of TB: Epidemiology, Immunology, Bacteriology, Statistics, HIV/TB, Management, Socioeconomic aspects, Health education (2) Epidemiological Analysis (3) National TB program: Essential components, Research activity, WHO module (4) Development of Action plan.	English
	<b>TRAINING INSTITUTIONS</b>
	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA
	<b>JICA CENTER</b>
	Hachioji International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2004
	<b>REMARKS</b>

RESEARCH FOR TROPICAL MEDICINE II 熱帯医学研究II	
Jan.5, 2004 ~ Dec.13, 2004 8 participants J0300813	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to invite junior or senior scientists to Japan and give them the specialized research training in the area of tropical medicine.	(1) presently employed either at the Ministry of Health or medical research laboratory (2) medical doctor or graduate from a faculty of biology, pharmacy or agriculture or have at least three years of occupational experience in medical field (3) 24 to 40 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
The institute of Tropical Medicine, Nagasaki University offers some research subjects in collaboration with ten (10) departments: (1) pathology (2) molecular immunogenetics (3) parasitology (4) virology (5) bacteriology (6) protozoology (7) medical entomology (8) biochemistry (9) internal medicine (10) social environment. Although the course consists of those lectures, the basic research through experimental works is provided to the participants.	English
	<b>TRAINING INSTITUTIONS</b>
	INSTITUTE OF TROPICAL MEDICINE, NAGASAKI, UNIV.
	<b>JICA CENTER</b>
	Kyusyu International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>

DEVELOPMENT OF LABORATORY DIAGNOSIS OF DRUG RESISTANT MICROBES 薬剤耐性病原体の実験室診断	
Nov.10, 2003 ~ Apr.4, 2004 8 participants J0300619	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to provide participants with knowledge and techniques required for the management of laboratory activities, and production, evaluation and quality control of agents and media in their laboratories.	(1) medical doctor or specialist in pharmacology, agriculture, or biology, and at the same time, manager of middle level or above, in fields related to the course (2) 45 years of age or less
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
In this course, the emphasis is put on practical exercise in the laboratory. The subjects covered in the course are: (1) basic lectures (a) host-microbe interaction (b) quality control of biological products, especially of vaccines (c) pathogenic vibrios (d) serological diagnosis of toxic diseases (e) antimicrobials susceptibility testings-principle and practice (f) bacteria toxin (g) quality control of blood products (h) drug distribution system and quality control (i) Mechanism of drug resistance in bacteria (j) recent topics of viral infections (k) recent topics of bacteria infections (l) laboratory biosafety control (m) bacteria toxin and intestinal colonization (n) control of infectious diseases in developing countries (o) bacteriology (2) special lectures (a) surveillance of nosocomial infections (b) epidemiology and control nosocomial pneumonia (c) nosocomial infection and laboratory	English
	<b>TRAINING INSTITUTIONS</b>
	KUMAMOTO NATIONAL HOSPITAL
	<b>JICA CENTER</b>
	Kyusyu International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

REPRODUCTIVE HEALTH SEMINAR FOR SENIOR OFFICERS ~ CAPACITY BUILDING OF NGO TOWARDS COMMUNITY-BASED リプロダクティブ・ヘルス指導者セミナー～地域に根ざしたNGOの能力強化(キャンパシティー・ビルディング)～	
Aug.19, 2003 ~ Sep.14, 2003 12 participants J0300707	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this seminar is to understand the concept and strategy of non-governmental organization (NGO)'s capacity building aimed towards better coordination between governmental organization (GO) and NGO in the field of reproductive health (RH)/ family planning (FP) programmes. 1) Community-based RH/FP strategy 2) GO-NGO partnership strategy 3) Sustainable RH/FP strategy	1) be an executive official/manager in administration, planning and implementation of the RH/FP programmes in NGO 2) have a competent command of spoken and written English
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
1. Lecture 1) Global overview in reproductive health 2) Situation of sustainable strategy by NGOs in Japan 3) Coordination and collaboration among GO and NGO in Japan 4) Community-based RH/FP strategy in Japan 2. Presentation and discussion for sharing experience and knowledge among participants 1) Case presentation on community participatory RH/FP programmes 2) RH/FP programmes-strategies towards self-reliance 3) Collaboration and coordination between GO and NGO in RH/FP 3. Study trip to observe case studies 4. Action plan development based on the training experience	English
	<b>TRAINING INSTITUTIONS</b>
	JAPANESE ORG. FOR INT'L COOPERATION IN FAMILY PLN.
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	2001 ~ 2005
	<b>REMARKS</b>



SEMINAR ON ADOLESCENT SEXUAL AND REPRODUCTIVE HEALTH 思春期プロダクティブ・ヘルス・セミナー	
Jun.17, 2003 ~ Jul.13, 2003 10 participants J0300614	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of the course is: (1) to have a better understanding on the concept and develop the effective strategy of reproductive and sexual health approach for adolescents (2) to develop and utilize appropriate IEC for community-based adolescent health activities.	Applicants should be program administrators or program implementers in the field of reproductive and sexual health of adolescents from GO or NGO (with at least three years of experience).
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
(1) Lecture (2) Research (exchange of information on situations of participants' countries) (3) Work-Shop (planning, developing appropriate IEC) (4) Observation	English
	<b>TRAINING INSTITUTIONS</b>
	JAPANESE ORG. FOR INT'L COOPERATION IN FAMILY PLN.
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>

COUNTER-MEASURE FOR IMPROVEMENT OF MATERNAL & CHILD HEALTH INDICES II 母子保健指標改善対策II	
Apr.28, 2003 ~ Jun.15, 2003 8 participants J0300717	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this course is to have participants develop the managerial and planning skill toward improvement of mother and child health care services through acquiring knowledge of reducing infant mortality rate (IMR) and maternal mortality rate (MMR) in their own countries by means of (1) identifying the factors of reducing the IMR and MMR in the assigned area (2) discussing with fellow participants on their observations (3) developing their own solution for the improvement for themselves.	(1) be medical doctors or medical strategy officers of senior position who are responsible for national formation of maternity and child health strategy and its execution, preferably for Integrated Management of Childhood Illness (IMCI) (2) not be older than 50 years old
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
The course is designed for the participants to review the policies and execution of work related to the IMR and MMR reducing factors through visiting hospitals, public health center and policy making office and discussing among participants and/or with their staff. The following basic subjects are covered through lectures; (1) Japan's health policy (2) maternal health (3) child health (4) health staff service.	English
	<b>TRAINING INSTITUTIONS</b>
	AGENCY FOR COOPERATION IN INTERNATIONAL HEALTH
	<b>JICA CENTER</b>
	Kyusyu International Centre
	<b>COOPERATION PERIOD</b>
	2001 ~ 2005
	<b>REMARKS</b>

HUMAN RESOURCES DEVELOPMENT IN THE FIELD OF MATERNAL AND CHILD HEALTH 母子保健人材育成	
Jun.17, 2003 ~ Jul.25, 2003 8 participants J0300757	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
1) Understand in-service training and pre-service training system and policies of Japan including Asahikawa city. 2) Acquire knowledge about Japanese human resource development on maternal and health care system. 3) Derive useful ideas for human resource development on maternal and child health care system in each country.	1) be certified nurse or midwife with more than five years' experience. 2) be more than 25 years of age, not more than 45 years of age. 3) be a professor in charge of nurse or midwife training in university or equivalent, or be a head nurse in charge of nurse and midwife training in hospital or equivalent.
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
1) Overview of Medical Administration in Japan. 2) Public Health and Nursing System in Japan. 3) Mother and Child Healthcare System in Japan. 4) Pre-service Training for Nursing in College. 5) In-service Training for Nursing in Hospital. 6) Education about Nutritional Advice and Prevention of Infection from Mother to Infants.	English
	<b>TRAINING INSTITUTIONS</b>
	<b>JICA CENTER</b>
	Hokkaido International Centre, Sapporo
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>

**COMMUNITY-BASED CANCER PREVENTION FOR THE ASIAN PACIFIC COUNTRIES**

アジア太平洋諸国地域がん予防対策

TARGET REGION: Asian Pacific countries

Feb.16, 2004 ~ Mar.22, 2004 10 participants J0300794

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This course is aimed to enhance cancer prevention counteractions in the countries with limited medical resources of cancer prevention, through the training on primary cancer prevention, secondary cancer prevention, and cancer diagnosis and treatment. After acquiring cancer prevention counterplans and knowledge through the course, the participants are required to diffuse these latest epidemiological knowledge and techniques, and grow medical people.	(1)be doctor or person engaged in public health service, and also be responsible for the community-based cancer prevention (2)be under forty years of age (3)have basic skill for using computer
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
The course is consited from lectures, practices, discussions and field trip. Training Subjects are; 1.Outline of Epidemiology :Definition and History , Indicator, Overview of Epidemiological Studies, etc 2.Details of Epidemiology :Demographic Epidemiology, Analytical Epidemiology (Case-control Studies, Cohort Studies), etc •Molecular Epidemiology •Utilization of Clinical Test Result, •Data Processing and Analysis Methods 3.Cancer Prevention :Primary Prevention, Secondary Prevention, Planning and Designing of Cancer Prevention Scheme	<b>TRAINING INSTITUTIONS</b> AICHI CANCER CENTER RESEARCH INSTITUTE  <b>JICA CENTER</b> Chubu International Centre <b>COOPERATION PERIOD</b> 2003 ~ 2007 <b>REMARKS</b> 1998-2002:Community-Based Cancer Prevention

**PRACTICE COURSE OF THE LATEST CANCER TREATMENT**

がん治療普及対策

Aug.12, 2003 ~ Oct.19, 2003 8 participants J0300870

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to provide the participants with an opportunity to acquire the latest knowledge and technique of cancer diagnosis and treatment established in Japan.	(1) licensed physician authorized by their governments and specialized in cancer diagnosis and its treatment (2) strictly be between 30 and 40 years of age and have clinical experience of more than 7 years in cancer diagnosis and its treatment
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This training course mainly consists of two parts, i.e., lecture session which all the participants are expected to attend, and individual programme to be conducted in accordance with the participants respective specialities. Through the training programme, the participants are expected to create a better understanding on various aspects of cancer diagnosis and treatment, and acquire the latest knowledge and technique in their respective field. The methods of the training will be mainly based on observations, not clinical training (practical training of surgeries, etc.).	<b>TRAINING INSTITUTIONS</b> NATIONAL CANCER CENTER  <b>JICA CENTER</b> Tokyo International Centre <b>COOPERATION PERIOD</b> 2000 ~ 2004 <b>REMARKS</b>

**MEDICAL STAFF TRAINING COURSE (RADIOLOGICAL TECHNOLOGY, REHABILITATION)**

医療技術スタッフ養成

Jan.5, 2004 ~ Mar.20, 2004 15 participants J0303464

<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of the training is to train the medical staff including radiographers, physical therapists and occupational therapists who will apply the appropriate skills to the local society.	(1)recommendation by the President of the institution or the Radiological Technologist/ Therapists association(2)work experience of more than 5 years in their profession(3)presently engaged in the practical service of the field (4) not be a doctor,nurse,researcher, teacher(5)under 45 years of age,; younger (under 40) applicants preferred
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
1. Joint Programme for A Group and B Group Medical Situation and Insurance System in Japan/ Public Health/ Outline of Team Medical Care/ Concept of Data Processing/ Risk Management 2. A Group (Radiological Technology) Protection Against Radiation/ Quality Control of Images/ Equipment and Maintenance of Imaging Equipment/ Basis and Outline of Photosensitive Materials, and Factors of Image Processing 3. B Group (Rehabilitation) Introduction of Rehabilitation/ Management of CBR/ International Classification of Functioning and Disability (ICIDH) /Physical and Therapy for Disabled Children / What CBR is and its workshop/ Home Excise and Programme for Disabled Children/ Appropriate Technology (Wheel Chair, Splint, Brace, Device etc.)/ Classification of Disability through Case Presentation	<b>TRAINING INSTITUTIONS</b> JAPAN INTERNATIONAL MEDICAL TECHNOLOGY FOUNDATION  <b>JICA CENTER</b> Hyogo International Centre <b>COOPERATION PERIOD</b> 2000 ~ 2004 <b>REMARKS</b>



HEALTH AND ENVIRONMENTAL TECHNOLOGISTS II 衛生環境分析技術者II	
Jul.22, 2003 ~ Oct.26, 2003 6 participants J0300823	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to provide participants, who are presently engaged as laboratory technologists in the field of public health and environment matters, with fundamental and practical knowledge of sampling, data analysis and so on through lectures, laboratory work and observations.	(1) presently engaged in research work as a laboratory technologist in the field of public health and environment matters (2) university graduate or equivalent (3) having occupational experience of more than three years (4) 25-40 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
This course consists of common subjects for all participants and individual laboratory work. Each participant is to take one of the following subjects for their individual research: (1) Infectious Disease (Bacteriology / Parasitology), (2) Infectious Disease (Virology), (3) Medical Zoology, (4) Food Chemistry (Residual Pesticides), (5) Food Chemistry (Chemical Food Poisoning), (6) Air Pollution, (7) Water Pollution, (8) Water Pollution (Pesticides, PCB Analysis), (9) Soil Run-off Monitoring The main themes are sampling, methods of analysis & techniques in the field of sub-course.	English
	<b>TRAINING INSTITUTIONS</b>
	OKINAWA PREFECTURAL, INS. OF HEALTH AND ENVIRONMENT
	<b>JICA CENTER</b>
	Okinawa International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>
	6 among 9 sub-courses/year could be implemented by applicants' choice. Note: 1 of 2 courses/year: Infection Disease, Water Pollution, Food Chemistry

CLINICAL COURSE IN UROLOGY FOR GENERAL SURGEONS II 外科医のための泌尿器科臨床研修II	
Nov.11, 2003 ~ Dec.14, 2003 4 participants J0300825	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This course provides participants a glimpse of the urology upon completion of the course, participants are expected; (1) to deepen their knowledge of classical urology (2) to have a better understanding of the state of the art urology including minimally invasive surgery (3) to learn to know how to get access to more details in urology (4) to promote mutual exchange of ideas in urology	(1) presently engaged in clinical medicine as a general surgeon (2) licensed medical doctor authorized by their government (3) have a clinical experience of more than 3 years (4) not more than 40 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
In this course, you will attend clinical conference, make a round to see inpatients with our staff, and see outpatient clinic, hemodialysis and surgery. (1) Urological Examination: (a) Endoscopic examination (b) Urodynamic study (c) Ultrasonography (2) Surgery: (a) Minimally invasive surgery (b) Open surgery (3) Experimental Practice in Laparoscopy	English
	<b>TRAINING INSTITUTIONS</b>
	FACULTY OF MEDICINE, UNIVERSITY OF THE RYUKYUS
	<b>JICA CENTER</b>
	Okinawa International Centre
	<b>COOPERATION PERIOD</b>
	2003 ~ 2007
	<b>REMARKS</b>

NURSING MANAGEMENT 看護指導者養成	
May.19, 2003 ~ Sep.20, 2003 8 participants J0300255	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The purpose of this training course is to provide nursing supervisors, head nurses and experienced nurses working in the clinical fields, with an opportunity to strengthen their managerial ability. Consequently, the course aims to contribute to improve and enhance the quality of nursing management and nursing services at their institutions/hospitals in their respective countries.	(1) be a nursing manager in clinical fields with three-five(3-5) years of experience as nursing director, vice-nursing director, head nurse and chief nurse(vice-head nurse), or nurses who have more than 7 years experience (2) be under 45 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
By the end of the course, participants are expected to have: (1) understood the principles of nursing management, (2) learnt the practical aspects of the nursing management in Japan and grasped the essential points applicable to their own situation, (3) comprehended the roles, functions, coordination and leadership of the nursing management in the hospital (4) acknowledged the points to be improved in their daily work of nursing services, and (5) prepared an action plan with keeping in mind the points to be improved in their work.	English
	<b>TRAINING INSTITUTIONS</b>
	INT'L NURSING FOUNDATION OF JAPAN
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1991 ~ 2005
	<b>REMARKS</b>

SEMINAR ON EMERGENCY/DISASTER MEDICINE II	
救急・大災害医療セミナーII	
Aug.25, 2003 ~ Sep.19, 2003 9 participants J0300796	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
This seminar is designed for senior physicians and/or administrators who are in charge of emergency and disaster medicine in emergency medical facilities and medical administrations in participating countries. Participants are encouraged to discuss the conditions and problems of their countries on emergency/disaster medicine as comparative study, thus contribute to the further development of emergency/medical services system in each country and to the development of international cooperation in the event of a disaster.	(1) a senior doctor, or an administrator engaged in measures for emergency/disaster medicine and taking leadership in emergency medical institution or medical administrative organization (2) be familiar with the current situation of emergency medical research activities or disaster preparedness
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
In this course, the emphasis is put on report presentation and discussions by participants, introduction of Japanese experience, and basic theories of emergency/disaster medicine. The main themes are: (1) introduction (a) medical care system in Japan (b) history of emergency medical care in Japan (2) visits (observation) (a) emergency medical system in Japan (b) disaster preparedness (c) cooperation of governmental organization and private organization (d) cooperation among hospitals/clinics in EMS (e) education on emergency medicine.	English
	<b>TRAINING INSTITUTIONS</b>
	SENRI EMERGENCY MEDICAL CENTRE
	<b>JICA CENTER</b>
	Osaka International Centre
	<b>COOPERATION PERIOD</b>
	1998 ~ 2002
	<b>REMARKS</b>
	be under 50 years of age

SEMINAR ON HEALTH SYSTEMS MANAGEMENT	
公衆衛生行政管理	
May.6, 2003 ~ Jul.13, 2003 10 participants J0300641	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The seminar aims to improve the administrative management ability of those who are engaged in public health at developing countries. Through the seminar, participants are expected: (1) to understand some methodologies of administration/management of public health, (2) to become able to make a rational plan on the basis of the above methodologies, (3) to gain the ability of running efficient and effective administration, (4) to have the capacity for leadership.	(1) be technical experts who are in charge of public health administration; the middle level managers of Provincial Health Offices and of Central Ministry, (2) be engaged in the field of public health and working at educational institutions, private sectors, or NGO, etc., (3) not be less than 35 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
(1) Outline of Public Health Administration (a) Public Health and Welfare Administration in Japan, (b) Health Sector Reform, (c) Outline of Administration and Management, (d) Case Method, (e) Personal Computer; (2) Leadership (a) Leadership; (3) Policy Planning (a) Policy and Planning of Health Medicine, (b) Preceed-Proceed Model, (c) PCM (Project Cycle Management) Exercise, (d) Case Study, (e) Field Study; (4) Evaluation for Execution (a) Evaluation & Monitoring, (b) Case Study, (c) Field Study; (5) Management of Resources (a) Management of Resources, (b) Comprehensive Management of Resources, (c) Case Study, (d) Field Study; (6) Field Study; (7) Action Plan; (8) Orientation and Evaluation	English
	<b>TRAINING INSTITUTIONS</b>
	NATIONAL INSTITUTE OF PUBLIC HEALTH
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	2000 ~ 2004
	<b>REMARKS</b>

SEMINAR ON PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS-A STEP TOWARDS PRIMARY HEALTH CARE-	
国際寄生虫予防指導者セミナー	
Jan.20, 2004 ~ Feb.15, 2004 10 participants J0300621	
<b>OVERALL GOAL / PURPOSE</b>	<b>QUALIFICATION OF APPLICANT</b>
The seminar provides the participants with an opportunity (1) to create a better understanding on tripartite activities in Japan for parasite control conducted by administrative authorities of the government, medical experts and citizens' community, (2) to broaden knowledge on Japanese method or technique and its effectiveness of PC programme, considered as a step to integrated primary health care programme, and (3) to promote public appreciation of PC programme and their voluntary participation in their countries.	(1) senior-level administrator or expert from government or private sector in charge of parasite control at national or local level (2) have medical or other related profession (3) under 55 years of age
<b>COURSE CONTENTS</b>	<b>LANGUAGE</b>
The following major subjects will be covered in the seminar. (1) parasite control program and public health activities in Japan (a) relations between central prefectural and municipal governments/authorities (b) medical experts (c) community/voluntary institutions (2) parasitology (a) soil-transmitted helminths such as ascaris and hookworm (b) examination methods and techniques (c) deworming and treatment (d) training of medical personnel and volunteers (3) integrated parasite control program and community/family health activities	English
	<b>TRAINING INSTITUTIONS</b>
	JAPAN ASSOCIATION OF PARASITE CONTROL
	<b>JICA CENTER</b>
	Tokyo International Centre
	<b>COOPERATION PERIOD</b>
	1999 ~ 2003
	<b>REMARKS</b>