

別添3 インドネシア中央銀行から要望のあった研修コース

- (1) 計量経済と統計
- (2) 資産負債管理 (ALMA)
- (3) 国際貿易と金融
- (4) 情報システムとリスク管理にかかる新技術
- (5) 金融危機下の金融、為替オペレーション
- (6) 支払い・決算システム
- (7) サイバーバンキングに関する規制
- (8) 中央銀行における人材育成
- (9) 国際的な金融の安定に向けた金融市場データ
- (10) 経済モデルと予測
- (11) 金融政策の実務
- (12) 金融安定化のための中央銀行の役割
- (13) シンジケート・ローン・セミナー
- (14) リスク管理
- (15) 資本市場について
- (16) 外貨準備の管理
- (17) 金融分析・オペレーション
- (18) 中央銀行の会計と監査
- (19) 信託について
- (20) 公債の管理

Econometric and Statistics

Objective : To equip the personnel who involve in the monetary sector with knowledge relevant with their tasks

Target participant : assistant economics researcher

Duration : 4 weeks

Course contents :

- Parametric & Non-parametric Statistics
- Time series Econometrics & analysis
- Simultaneous Equation, New Approach to Save the model
- Neural Network
- Economic Modelling
- Applied Statistics & Econometrics
- Cross section analysis

Asset and Liability Management (ALMA)

Objective : To equip the personnel who involve in the banking sector with knowledge relevant with their tasks in order to supervise/examine the banks

Target participant : bank supervisor/examiner

Duration : 2 weeks

Course contents :

- Financial management
- Risk management
- Liabilities management
- Debt management
- Capital Flows Policy & regulation
- Portfolio management
- Cost of Fund
- Foreign Exchange management & hedging
- Analysing Debt offering
- Market analysis

Training needs

International Trade and Finance

Objective : To equip the personnel who involve in the international department with knowledge relevant with their tasks

Target participant : forex dealer, economics researcher

Duration : 3 weeks

Course contents :

- International finance & treasury management
- Exchange rate policy
- Trade policy
- Exchange rate choice
- Exchange rate targeting
- Forex liberalization and implication
- Interest rate mechanism
- Exchange rate mechanism
- Capital flows

INFORMATION SYSTEMS AND EMERGING TECHNOLOGY RISK MANAGEMENT FOR BANK EXAMINERS

Objective

The course is designed to provide examiners with the basic knowledge and tools to conduct initial risk assessments of IS and emerging technologies, primarily from a safety and soundness perspective. The course provides an overview of IS terminology and concepts; advances in banking technology, risk factors, assessment tools, and mitigating controls; and risk situations that require additional expertise. Familiarity with these IS concepts, terminology, and emerging technologies will facilitate the design of risk focused examinations and an integrated examination approach with IS technology specialists.

Target participant : bank examiners

Duration : 1 week

Content

1. Banking Technology and Risk Concepts;
2. Information Systems (Terminology, Concepts, Risks, Controls);
3. Emerging Technologies (Branching Alternatives, Telephone Banking, Internet Banking, Smart Cards, electronic Commerce);
4. Risk Management Processes (Information System Risk Identification and Profiles, Risk Framework, Risk Evaluation Tools, Integrated Risk Management);

MONETARY AND EXCHANGE OPERATIONS (MEO) IN THE TURBULANCE ERA

Objective

The course is designed to focus on implementation of monetary and exchange policies in the turbulence era while also covering formulation of policies and provide an integrated view of the structural and institutional underpinnings of the implementation framework. It aims to broaden participants' understanding of the linkages between monetary programming and the conduct of policy at the central bank and focuses specifically on analytical and technical aspects of policy formulation and implementation. Candidates for the course should be mid level officials, normally from the central banks who have a degree in economics and are directly involved in analytical/operational aspects of monetary and foreign exchange management.

Target participant : middle manager

Duration : 4 weeks

Content :

1. Instruments of monetary and exchange rate policies (including open market operations)
2. Exchange regimes (encompassing exchange rate systems as well as exchange arrangements) and their relationship with monetary policy.
3. The regulatory and operational aspects of monetary and foreign exchange operations and domestic debt management.
4. The linkages between the conduct of monetary policy and the regulation and supervision of banking and the payments system, and operational relationships between the central bank, government and the banking system.

PAYMENT & SETTLEMENT SYSTEMS

Objective

This workshop will examine key issues in the development of payment and settlement systems; the risks, linkage and interdependencies that exist and between such systems; and how their operation will impinge upon central bank policy and operations more generally. Participants will discuss progress in their own countries and be encouraged to consider future development of their own systems in the light of the workshop.

Target participant : middle manager

Duration : 1 week

Content

1. The implementation of real-time gross settlement for domestic "high-value" payment systems;
2. Collateral management and the implementation of "delivery versus payment" in securities settlement;
3. Cross-border payment and securities settlement arrangements and foreign exchange settlement;
4. The influence of payment system design on commercial banks' liquidity management, including payment system float;
5. "Electronic money": its future role and the issues it raises for central banks;
6. The technical infrastructure and legal environment for payment and settlement systems.

Cyberbanking - Regulatory Implications

Type of Participant Targeted

Cyberbanking - Regulatory Implications is intended for review examiners and policy makers. The conference may also be beneficial for regulatory attorneys.

Course Overview

The Cyberbanking - Regulatory Implications conference will introduce higher level regulators to the latest advancements in electronic banking. The conference will emphasize the risks associated with each of several new cyberbanking technologies. Methods to control or reduce risks will be discussed. Consideration will also be given to the adequacy of present regulations and policies. The conference will feature industry executives who are pushing the technology/product envelope.

Course Objectives

At the end of this 1 week course, the participant, will be better able to:

- describe smart cards, and explain their attendant risks,
- provide an in-depth description of the Internet, its attendant risks, and how its expanded usage may impact commercial banking,
- define e-cash and its implications,
- describe the regulatory framework in place which addresses the new technologies, and
- discuss appropriate industry and regulatory controls to govern the electronic banking environment.

Topics

Topics likely to be included are:

- Trends in Electronic Banking
- Security Measures and Risk Controls for New Delivery Systems
- Risks Associated with Smart Cards
- Risks Associated with Internet Banking
- Legal and Regulatory Considerations of Electronic Banking
- The Pros and Cons of Industry Regulation
- Partnership and Alliance Reviews
- E-cash Implications
- Application Considerations
- Latest Products on the New Delivery Channels

CHALLENGES FACING HUMAN RESOURCE FUNCTIONS IN CENTRAL BANKS

Workshop: 1 week

Objective

Central banks are constantly having to evolve to respond to the changing demands placed upon them by economic and political circumstances. The Human Resource function plays a central role in ensuring that the organisation attracts, retains and motivates the calibre of staff required to meet its mandated functions. This workshop will offer participating experts from HR departments of central banks the opportunity to discuss; compare and contrast policy and practice in specific areas of interest. Expert speakers in the specific fields selected (see below) will also provide an insight into current developments and/or research.

Content

The intention is to tailor the workshop programme to meet the specific areas of interest to the HR personnel attending the workshop. Views about topics which are of particular concern to the institutions nominating will be sought at an early stage. Possible specialised areas might include:

- *personnel strategies and policies;*
- *using competencies in human resource management;*
- *job evaluation systems and pay structures;*
- *performance management systems;*
- *recruitment and selection processes;*
- *facilitating 'release' from the central bank;*
- *employee reward systems;*
- *benefits and the remuneration package;*
- *employee relations;*
- *the communications function;*
- *welfare of the staff (including employee assistance, counselling etc);*
- *health and safety issues.*

As part of the process, individuals from certain central banks will be invited to prepare a short presentation relating to their institution's recent experience and/or forthcoming challenges. Extensive use of syndicated discussions will be made in addition to hearing from experts in the specific fields.

Qualification

Candidates either should have some direct responsibility for aspects of internal administration or are likely to be in such a position in the near future. It is important that your candidate has a good understanding of personnel strategy within your organisation. The likely age range is 25-40, and participants should have the assessed potential to reach a senior position. A high professional standard of English is required.

FINANCIAL MARKET DATA FOR INTERNATIONAL FINANCIAL STABILITY

Workshop: 2 weeks

Objective

Following both the Mexican and Asian financial crises, the international community has stressed the need for good quality economic and financial data. This academic workshop will bring together users and producers of data to discuss both users' needs and in particular the challenges – both conceptual and practical – facing producers, and to identify issues for further work. Particular focus will be placed on financial market-related data such as money supply; the financial account of the balance of payments, including reserves; and security market information. Issues raised during the workshop will feed into the related academic project.

Content

The topics to be covered by this workshop will include:

- *What data series are required by users, and to what extent are the required data available?*
- *the problems faced in their production;*
- *whether the analytical usefulness of traditional data measures is being undermined by the ability of market participants to decompose risk attributes of financial instruments through financial derivatives?*
- *how developments in markets and instruments can undermine statistical collection, and what steps are being taken by central banks to meet this challenge.*

Participants will be expected actively to debate these and other topics within the context of the requirements and challenges facing their own central banks.

Qualification

This workshop is targeted at managers either involved in the analysis or development of economic data. A high professional standard of English is required.

Participants

Central bankers and officials from statistical agencies.

ECONOMIC MODELLING AND FORECASTING

Seminar: 2 weeks

Objectives

Feedback from previous years has led us to double the length of this seminar to two weeks. The seminar will provide a thorough insight into how models and forecasts are used in the context of the monetary frameworks. Participants will investigate how models and forecasts might be used to the benefit of policy in the context of developing and transitional economies.

Content

The seminar will provide a highly practical insight into using econometrics, modelling and forecasting in a central bank. We will teach econometric techniques which will be used to develop equations forming the basis of a small macro-model (of around six core equations). The data we use will be from a developing or transitional economy, enabling us to illustrate possible solutions to the many data problems that we face. Everyone will then produce model-based forecasts that can be used to simulate policy decisions taken by a monetary committee.

The subjects include:

- *Using econometrics in a central bank (note that we will use EViews software);*
- *Granger Causality; unit roots and cointegration; simultaneous Equations and VARs;*
- *using econometrics, theory and judgement to tackle data problems;*
- *modelling different sectors of the economy (money, the real sector, balance of payments);*
- *building a model on user-friendly software;*
- *integrating model based forecasts into a monetary framework.*

Computer-based syndicate exercises will be mixed in with lectures from experts. There will be plenty of scope for discussion: seminar participants should come prepared to share their experiences. We particularly welcome offers from those willing to make short presentations.

Qualification

Candidates should have some experience of econometrics, a background in economics and a strong understanding of English. They should ideally be working in a position where they will find quick benefits from developing their econometric, modelling and forecasting skills. Those working in the monetary policy, analysis and research departments of their central bank would be particularly suitable. We may ask some participants to bring their own data to the Workshop. Candidates should have a good grasp of Ordinary Least Squares. Knowledge of other techniques is not essential but may be an advantage in parts of the seminar; such skills will be taught and reinforced during the two weeks.

MONETARY OPERATIONS

Workshop: 2 weeks

Objective

This workshop provides a forum for those involved in the markets to discuss their experience in money market management and address common issues. It is aimed at helping countries which have already introduced open market operations to improve and update their understanding of monetary instruments and their interaction. Participants will enhance their effectiveness in the practical implementation of monetary policy, and the development and stabilisation of domestic markets.

Content

Topics covered will include:

- *theory of monetary policy;*
- *open market operations by the central bank - techniques and instruments;*
- *development of secondary markets;*
- *prioritisation of conflicting problems and solutions;*
- *the interbank market;*
- *analysis of market data.*

Qualification

The workshop is aimed at experienced central bankers involved in money market operations. Participants will need to be fluent in English to a standard enabling them not only to understand the discussion but also to contribute actively to it. Participants will be invited to prepare in advance a short paper on one or more aspects of the subject and present it during the week.

CENTRAL BANK RESPONSIBILITY FOR FINANCIAL STABILITY

Workshop: 2 weeks

Objective

Ensuring financial stability is an essential function of all central banks, and there are a variety of approaches. This academic workshop will share cross-country views on the conceptual framework underpinning central bank action and on practical experience, and will provide ideas to be developed in the academic project which will follow on from the workshop. The meaning of financial stability and the role of central banks in promoting it will be examined.

Content

The focus of the workshop will be on risk and regulation in financial markets and will include discussions on:

- *the risks in financial markets that require monitoring by central banks;*
- *the appropriate degree of intervention required of central banks, if any, to ensure financial stability;*
- *the role of the market in promoting financial stability;*
- *cross-border co-operation;*
- *the different approaches of central banks to the question of financial stability.*

The workshop will provide central bankers with a forum to discuss the theory and practice of financial stability issues with other central bank colleagues. Participants will be expected to prepare a paper beforehand which will be presented at the workshop, and should actively contribute to discussions. Visiting speakers will be from both the public and private sector.

Qualification

The workshop is targeted at managers involved in financial stability issues in their central bank. A high professional standard of English is expected.

Syndicated Loan Seminar

Type of Participant Targeted

Each participant should be a senior field examiner with substantial experience analyzing public and other large syndicated credit lines.

Course Overview

The Syndicated Loan Seminar is targeted at the senior level safety and soundness examiner responsible for the review of large public company syndicated credits. The setting is classroom with up to 30 students in order to maximize discussion and cross-pollination. Topics change and evolve constantly in order to encompass timely and contemporary advanced credit analysis issues.

Course Objectives

After completing this 1 week seminar, the participant, will be able to accomplish the following objectives:

- Understand bank financing as it relates to the financing of corporate merger and acquisition transactions,
- Understand some of the balance sheets of specialized credits (hotels, casinos, healthcare companies, telecommunications companies, etc.), and
- Understand implications of the global market-place and international participants.

Topics

Material is presented mainly in case study format along with guest speakers for some of the specialized lending and cross-border topics.

- Discussion of the underwriting and pricing processes and related issues for the syndicated credits
- Thorough review of issues pertaining to the financing of corporate merger and acquisition transactions including special considerations regarding leveraged buyouts
- Discussion of highlighted issues involved in cross-border lending for large corporate credits
- Discussion of selected advanced specialized lending topics such as mezzanine financing, subprime markets, debtor-in-possession financing and other emerging and current topics as deemed appropriate
- Discussion of the uses of credit scoring models for both the industry and the regulators.

Risk Management Planning *(Banker's Only)*

Type of Participant Targeted

Risk Management Planning is intended for executives or outside directors of insured financial institutions (emphasis on the CEO), regulatory officers, and senior examiners with at least ten years of experience. Formerly offered exclusively for executive management of financial institutions, the audience of the Risk Management Planning seminar has been expanded to include senior examiners and other senior regulatory staff. This is an opportunity for regulatory staff to learn more about the field of bank-wide risk management and to meet financial institution executives in a venue other than the examination.

Course Overview

The conference presents concepts and management techniques that are the foundation of good risk management systems. Break-out discussion will provide useful feedback from industry executives regarding the new emphasis on examination by risk management policies and systems.

Course Objectives

After completing this 1 week course, the participant will be able to:

- Evaluate risk management policies for important areas of activity in a bank;
- Evaluate the risk management systems in an institution and determine whether improvement is needed;
- Evaluate new products and the risks they may pose to institutions
- Explain bank-wide risk management; and,
- Develop relationships with other regulators and bankers dealing with such issues.

Topics

Topics may change from session to session but the following subjects are likely to be addressed:

- Risk Terminology and the Various Categories of Risk
- The Elements of a Sound Risk Management System—Controlling Risk
- Understanding the Role of Internal Controls in Risk Management
- Structuring an Overall Risk Management Plan in an Institution
- Planning for and Monitoring Future Risks (Emerging Technologies)

Capital Markets Conference

Type of Participant Targeted

The Capital Markets conference is designed for "seasoned" examiners, examiners-in-charge, review examiners, and surveillance examiners who need to develop more knowledge in the capital markets area. Participants should have basic skills in evaluating asset/liability management techniques. Capital market specialists and examiners who have had extensive advanced capital markets training should not attend this conference.

Prerequisites

A pre-course reading will be assigned. Attendees should bring a calculator capable of solving present value problems to the conference.

Course Overview

The Capital Markets conference is intended for those examiners who must integrate the risks inherent in capital market activities into the overall risk profile of an institution (e.g., examiners-in-charge, review examiners), and who need to develop greater familiarity with attendant products, risks, and issues.

Course Objectives

At the end of this 1 week course, the participant, should be able to:

- identify the characteristics, uses, and risks of capital markets activities currently in widespread use,
- analyze the impact on individual financial institutions of accounting rules and capital requirements,
- articulate earnings and market risk exposure for interest rate risk positions,
- discuss key elements in interest rate risk models, and
- describe the fundamental principles of hedging.

Topics

Topics are likely to change in order to address the most current issues in the marketplace. The following topics and their related accounting issues are likely to be addressed:

- Measuring and Managing Interest Rate Risk

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- Asset-backed Securities - Credit, Interest Rate, Market, Liquidity Risks
 - Term Structure of Interest Rates
 - Uses of Futures and Options
 - Interagency Policy Statements
 - Recent Market Developments/Products
 - Accounting for Capital Market Products
 - Assessment and Review of Risk Models

MANAGEMENT OF FOREIGN EXCHANGE RESERVES

Seminar: 1 week

Objective

This seminar will consider a wide range of issues relating to the management of foreign exchange and gold reserves including policy, strategy and operations. It will provide the forum for an exchange of views on the analytical tools and operating techniques used by reserves managers, and provide participants with ideas and techniques for improving the management of their institution's reserves.

Content

The seminar will include the following topics:

- *the reasons for holding reserves;*
- *managing a bond market portfolio;*
- *the use of benchmarks;*
- *liquidity management;*
- *derivatives;*
- *market and credit risk;*
- *compliance and control;*
- *accounting, reporting and settlement issues;*
- *the role of gold.*

The seminar will place considerable emphasis on comparing the market view with that of the central monetary institution. The course will include days with specific themes when the mornings will be devoted to presentations and discussions from/with the Bank's experts and the afternoons given over to visits to market practitioners.

Qualification

This seminar will require some prior experience of reserves management. More precise information as to the degree of technical sophistication of the seminar and the expected qualification of participants will be given in the invitation letter. A high professional standard of English is required.

Participants

Central bankers from central banks with significant reserves management operations.

MONETARY ANALYSIS & OPERATIONS

Seminar: 2 weeks.

Objective

This two-week seminar will offer a thorough and practical insight into central bank policies aimed at securing monetary and financial stability. The strength of this seminar is its broad coverage; it will summarise the analysis from the five Academic Projects.

Content

The main topics to be covered are:

- *monetary policy frameworks and intermediate policy targets;*
- *the monetary transmission mechanism;*
- *using econometrics and the role and use of macro-economic models in a central bank;*
- *links between monetary and financial stability;*
- *financial market data for international financial stability;*
- *information content of asset markets, and analysis of asset price bubbles;*
- *payments systems in a monetary policy perspective;*
- *alternative instruments of monetary policy.*

The seminar will give a practical focus on monetary policy, but will also draw heavily on cross-country comparison in developed, transitional and developing economies. It will make frequent use of syndicate exercises and offer wide scope for participation of candidates. We will be happy to receive offers from participants who wish to make short presentations during the seminar.

Qualifications

This has traditionally been a lively seminar. Participants will most enjoy it if they have the enthusiasm to extend their knowledge in some areas and share their analytical or operational skills in others. A good understanding of economics and high level of spoken and written English are essential. Those experienced in working in economic research or monetary policy departments of central banks would be particularly suitable. Econometric skills will help but are not essential: the use of syndicates will ensure that all candidates can develop such skills no matter what their starting level.

ACCOUNTING AND AUDIT IN A CENTRAL BANK

Seminar: 1 week

Objective

The seminar will consider the organisation of accounting in a central bank; the effect of financial constraints; and how financial planning can respond to these constraints. It will also consider the risks run by a central bank, and the role of internal audit in assessing both the degree of risk and the adequacy of the corresponding controls.

Content

The seminar will comprise the following two modules. Central banks which are invited will be asked to specify which module their participants should attend - and to select their nominee(s) accordingly:

Accounting module

- *how central banks are financed;*
- *accounting operations;*
- *accountability and the need to control expenditure;*
- *strategic financial planning in a central bank;*
- *financial control and performance improvement - budgetary control and costing;*
- *project evaluation and control;*

Audit module

- *the concept of risk and the need for control;*
- *the function of internal audit and how to decide what should be audited;*
- *the importance of audit independence;*
- *planning and carrying out internal audits;*
- *the need for audit standards and how to ensure that they are maintained;*
- *specialised computer audit issues.*

The modules will run simultaneously, except at the beginning and end of the seminar when there will be plenary sessions in which to explore issues of interest to both disciplines.

Qualification

This is a practical seminar, designed for those who are in, or who are about to join, the accounting or audit departments of their central bank. A high professional standard of English is required.

Trust Conference

Type of Participant Targeted

The Trust conference is intended for senior trust examiners as identified by each agency.

Course Overview

The Trust conference is designed to update senior trust examiners on current and prospective developments in the area of trust banking. Speakers for this program are nationally recognized industry leaders and, occasionally, senior staff members from the regulatory agencies. Topics may include corporate trust update, the changing roles and responsibilities of trustees, trust cash management issues, portfolio management and new legislation. In addition, regulatory and reporting requirements from the Department of Labor and the Securities and Exchange Commission may also be addressed.

Course Objectives

After completing a week course, the participant will be able to accomplish the following objectives:

- discuss current trends in trust banking,
- evaluate compliance with regulatory agency requirements, and
- identify and evaluate risks associated with offering trust and asset management services.

Requirements

Some evening reading or case studies may be assigned.

At the conclusion of this program, some agencies may conduct individual break-out sessions lasting one to two days.

GOVERNMENT DEBT MANAGEMENT

Seminar: 1 week

Objective

The seminar is intended to provide participants with the opportunity to study a range of issues relating to government debt management and to discuss the different experiences of several countries. Participants will be challenged to consider how their government's debt management might be improved, with a view to reducing costs, and how the securities issuance programme can help in the development of domestic financial markets.

Content

The seminar will cover:

- *primary issuance techniques;*
- *secondary market development, including accessing the retail market;*
- *analysis of market data;*
- *use of specialist intermediaries;*
- *market regulation and supervision;*
- *payment and settlements issues.*

A number of outside speakers will be invited to take seminars as appropriate.

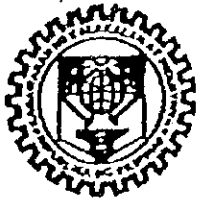
Qualification

The seminar is intended for experienced managers and experts who are directly involved in the design or implementation of some aspect of public debt management in their central bank or finance ministry. A high professional standard of English is required.

Participants

Central bankers and specialists in finance ministries and debt management agencies.

別添4 フィリピン貿易産業省から提出された研修ニーズの詳細



REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG KALAKALAN AT INDUSTRIYA
(DEPARTMENT OF TRADE AND INDUSTRY)



March 24, 1999

HIROSHI GOTO
Resident Representative
Japan International Cooperation Agency
12/F, Pacific Star Building, Sen. Gil J. Puyat Ave.
Ext. cor. Makati Avenue, Makati City

Dear Mr. Goto,

This has reference to the letter given to Undersecretary Salazar, informing the Department of the visit of a four-member Japanese Study Team on Training Program Development for ASEAN Economic Crisis, namely Messrs. KOJI SEKIKAWA, YOSHITAKA TANAKA, NORIYOSHI NAGAMATSU, & MICHIO WATANABE.

We understand that the study aims to review the JICA's training program implemented in fiscal year 1998 and recommend medium and long term training programs necessary for the acceleration of economic recovery and the structural and institutional empowerment.

We are pleased to be given the privilege to participate and share relevant inputs for your study on Training Program Development. We would like to furnish you and the Study Team of some materials containing: (1) DTI's 5 year Manpower Development Program (1997 - 2001) based on Training Needs Analysis, (2) List of JICA Training Programs offered to DTI for fiscal year 1998 and (3) List of Recurring JICA Programs from 1994 - 1998.

We hope that this will serve as a useful reference for the study on training program development.

Thank you for continuously supporting ASEAN countries such as ours in our Economic affairs. Most importantly, for being one with us in further developing and empowering the Human Resource as the organization's most valuable asset.

Sincerely,

MA. LOURDES T. BAUA
Chairperson
Committee on External Staff Training

cc. Undersecretary Melito Salazar
JICA Study Team



DTI's 5 Year Manpower
Development Program
(1997 - 2001)
based on Training
Need Analysis

Macroeconomy and Development Financing Sector

**DTI's 5 Year Manpower Development Program
(1997-2001) based on Training Need Analysis**

This 5 year Manpower Development Program is categorized according to the following sector :

1. Macroeconomy and Development Financing Sector
2. Human Development Sector
3. Infrastructure Development Sector (Science & Technology)
4. Development Administration Sector
5. Agri-Industrial Sector

MACROECONOMY AND DEVELOPMENT FINANCING SECTOR

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Basic Economics Concepts and Tools for Analysis	PPG	OOP, OPR
Basic Marketing/Sales Strategy	TG	ICOCA, PITC, PTTC, BETP, BDTP, PDDCP
Basics of Exporting/Export Laws, Procedures and Incentives	TG, ROG	FTSC, ICOCA, PITC, PSB, PTTC, GTEB
Budgeting	MSSG	FMS
Career Development for Finance and Admin. Management	MSSG	FMS
Cash Management and Control	IIG	SBGFC
Commercial Intelligence Information	TG	FTSC
Comprehensive Industrial/Investment Plan	TG	FTSC, NIMTC
Conceptualization of Investment/Market Promotion Collateral	ROG	
Cost Pricing	TG	PITC, GTEB
Customs Procedure	TG	NIMTC, ICOCA
Developing Ecozones	ROG	
Effective and Proficient Mgt. of Government Resources	MSSG	FMS
Executive Development Programme for Women	TG	ICOCA, PDDCP
Export Trade Promotions.	TG	FTSC, PTTC, ICOCA, BDTP, PTTC
Field Exposure on the Role of Self-Help Organization in Rural Development Undertaking	TG	PDDCP

MACROECONOMY AND DEVELOPMENT FINANCING SECTOR

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Import Procedures and Documentation	TG	PITC, GTEB
International Course in Organization and Management of Micro-Enterprises	TG	
International Course in Community Empowerment Thru Cooperatives	TG	
Knowledge of Similar Development Programs in Other Countries such as ASEAN	PPG	OSC
Knowledge on Third Country Trading/Trading Schemes of Various Countries	TG	PITC
Labor Market Information Systems	TG	NIMTC
Letters of Credit	TG	GTEB
Local and Foreign Trade Fairs, Exhibits and Market Coverage	TG, CWG, ROG	PITC, BTRCP
MA Programme in Economics and Development	TG	
Marketing Management and Physical Distribution Program	TG	BDTP
Merchandizing	TG	GTEB, BDTP, PTTC
Mutual Funds	IIG	SBGFC
National Government Accounting and Auditing	MSSG, IIG, ROG, TG	CITC, FMS, SBGFC
Practical Statistics/Analysis & Interpretation of Statistics	PPG, MSSG	OOP
Productivity Improvement Through Work Study	TG	PDDCP
Promotion of SMI	TG	
Quality Management for the Garments Industry	TG	GTEB
Skills in SME/SMI and Export Consultancy Service	ROG, TG	BDTP, BETP
Small Entrepreneurship Promotion and Industrial Assistance Program	TG	
Small Industry Promotion in Developing Economies	TG	PDDCP
Strategic Marketing Management	TG	BDTP
Training on International Finance	TG	ICOCA
Understanding of Incoterms & Import/Export Documentation	TG	PITC
Venture Capital/Capital Markets	IIG	SBGFC

Human Development Sector

HUMAN DEVELOPMENT SECTOR

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Applied International Management	TG	PDDCP
Basic Consulting	IIG	
Customer Service	TG, CWG, ROG	PTTC
Decision Making	TG	BETP, BDTP
Effective Presentation Skills	CWG, PPG, MSSG, TG	PITC, PSB, PTTC, CITC, GTEB, BETP, BDTP, BPS, BTRCP, IPO
Formation & Facilitation of Consumer Groups/Organization	IIG	
Human Resource Management Techniques	MSSG, IIG, ROG	CIC, FMS
Industrial Training Project and Management Skills	TG	NIMTC
Leadership/Management Skills	TG, MSSG, PPG, CWG, ROG	PITC, PTTC, GTEB, BDTP, FMS, OOP, OPR, BTRCP, IPO
Manpower Policy Monitoring	TG	NIMTC
Masters in Human Resource	MSSG, TG	NIMTC
Modern Management Techniques	IIG	SBGFC
Project/Program Management	TG	BDTP
Public Service Management	TG	PDDCP
Supervisory Skills	TG	PTTC
Training Management	TG	PTTC, PDDCP
Trainer's Training	PPG, TG, CWG	PSB, BPS
Women and Management	TG	ICOCA, PDDCP

Infrastructure and
Development Sector
(*Science & Technology*)

INFRASTRUCTURE DEVELOPMENT SECTOR
(SCIENCE & TECHNOLOGY)

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Advanced Photography	MSSG	PRO
Automotive Troubleshooting	TG	PTTC
Basic-Audio-Visual Production	MSSG, TG	PRO, BETP
Basic Knowledge in IPR	IPO	IPO
Chemical and Electrical Testing	IPO	IPO
Computer Troubleshooting	TG, CWG	PTTC
Conceptualization of Information Materials for Tri-Media Release	CWG, TG	BTRCP, GTEB, BDTP
Designing, Editing & Managing Internal Publications	MSSG, TG	PRO, BETP
Effective Media Relations	MSSG, PPG, ROG	PRO
Fine Jewelry Making	TG	GTEB
Footwear and Leather Goods Technology	TG	CITC
Furniture and Builders Woodwork	TG	CITC
Gifts and Houseware Item Skills	TG	CITC
Graphics Design & Artworks	TG	GTEB
Informix/Unix Programming & Administration	PPG, IIG, TG	GTEB
Intelligent System for Management	TG	FTSC
International Patent Classification	IPO	IPO
IT Systems Analysis & Design	TG IIG, PPG, CWG, ROG, MSSG	PTTC, GTEB, OOP
Knowledge of Patent Laws	IPO	IPO
Knowledge of the Industrial Patent Application, 7 th Ed.	IPO	IPO
LAN & WAN Administration	IPO	IPO
Lay-out of Info-Materials	TG	PSB, GTEB
New Trends in the field of Biotechnology	IPO	IPO
Novel Networking & Computer Programming	TG, PPG	ICOCA, PITC, PSB, PTTC, OOP
Patent Information	IPO	IPO
Promotion of Technological/Innovation/Invention	IPO	IPO
Quality and Environmental Accreditation	IPO	IPO
SIS Maintenance & Operation	TG	NIMTC
Technology Brokering/Technology Matching	IPO	IPO
Technology Valuation	IPO	IPO
Updated Skill for Chemical Patent Application Substantive Examination Procedures	IPO	IPO

Development and Administration Sector

DEVELOPMENT AND ADMINISTRATION SECTOR

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Automotive Troubleshooting	TG, PPG	PTTC, OPR
Brand Management	TG	
Building Management		
Coordination with Legislative, Executive Agencies and the Private Sector	PPG	OPR
Creative Writing	TG, CWG	GTEB
Development Container Terminal	TG	PSB
Exhibition Facilities Management	TG	GTEB
Feasibility Study Preparation	TG	PSB
Freight Rate Determination	TG	PSB
ISO Guide 25	CWG	BPS
ISO-9000	ROG	
ISO-9002	TG	PSB
Metrology and Calibration	CWG	BPS
Multi-Modal Transport Management	TG	PSB
Negotiation and Development Policy	MSSG, TG	NIMTC, PITC
New Monitoring and Evaluation Techniques	PPG	OOP
News and Technical Writing	PPG, IIG, TG, ROG, CWG	GTEB, BDTP, BTRCP
Organizational Audit/Analysis	PPG	OOP
Port & Shipping Informatics	TG	PSB
Port, Shipping & Transpo Management	TG	PSB
Post Graduate Diploma Programme on Rural Policy & Project Planning	TG	
Preventive Maintenance, Engineering, Value analysis		
Product Development, Project Finance and Management Project Identification and Conceptualization	ROG, TG, CWG	PTTC, BDTP
Production Management for Industrial Extension Officers and Promoters	TG	
Project Development	TG, IIG, PPG	PSB
Records Management	TG, IIG, CWG, ROG	GTEB, SBCFC, OPR
Research Skills	TG, IIG, CWG, ROG	BTRCP
Scriptwriting Skills and Techniques	TG, PPG	PTTC
Shipbreaking/Ship Repair/Ship Building	TG	PSB
Standardization Management and Techniques	TG, CWG	BPS
Survey Design	PPG	OOP
TQM	TG, PPG, CWG, MSSG	PRO
Trade Laws, Rules and Regulations	CWG	BPTTT

Agri-Industrial Sector


AGRI-INDUSTRIAL SECTOR

COMPETENCIES FOR BUILD-UP THROUGH TRAINING	TARGET GROUP/S	BUREAUS
Coffee Technology & Agri-Related Training	TG	ICOCA

JICA TRAINING PROGRAM OFFERED TO DTI LAST 1998

1. GTC (SP): Investment Promotion Seminar (1) Asian Countries
2. GTC: Fine Ceramics Allocation
3. GTC: Productivity Management
4. GTC: Heat Treatment Technology
5. GTC: Intellectual Property Rights In Technology Transfer
6. GTC (SP): Ceramics Development Technology II
7. GTC (SP): Plant Maintenance Engineering (Asia)
8. GTC: Production of Audio Visual Communications Media (A)
9. GTC: Seminar on Small and Medium Enterprises Development Policies
10. GTC: Polymer Materials and Technology
11. GTC: Maintenance of Construction Machinery II
12. GTC (SP): Heavy Metal Pollution Control
13. GTC (SP): Technology for Industrial Exhaust Gas Treatment and Energy Saving
14. GTC: Seminar on Advanced Technology of Construction
15. GTC (SP) Environmental and Safety Technology in Petro and Chemical Industries
16. GTC (SP): Mechanical Spareparts for Plant Maintenance
17. GTC: Steel Properties and its Applications
18. GTC: Industrial Pollution Control Engineering
19. GTC: Implementation of Total Quality Control and Standardization Activities
20. GTC (SP): Seminar on Improvement of the status of Women for Government officers
21. GTC (SP): Seminar on Industrial Safety and Health
22. Corporate Management for Asian Region
23. GTC: Seminar on Improvement of the Status of Women II
24. GTC: Inspection and Testing Techniques for Household Electrical Appliances
25. GTC: Seminar on Shiftbuilding Management
26. GTC: High Technology of Metal Works II
27. GTC: Intellectual Property Rights for APEC Countries
28. GTC: Production Management (Theory and Practice on Work Improvement)
29. GTC (SP): Top Management Seminar on Sustainable Industrial Development

30. GTC: Senior Seminar on Industrial Standardization and Quality Control
31. GTC (SP): Energy Conservation and Recycling Techniques in Steel-making (Arc furnace and Continuous Cast. Control)
32. GTC (SP): Seminar on Industrial Statistics
33. GTC (SP): Management of Chambers of Commerce and Industry
34. GTC: Waste Management Technique
35. GTC (SP): Industrial Solid Waste Recycling Technology
36. GTC: Conformity Assessment Systems for Industry
37. GTC: Inspection and Testing Techniques for Textile Products
38. GTC (SP): Tanker Safety and Operation
39. GTC (SP): Application Methods of Standardization and Quality Inspection
40. GTC: Consultancy Service for Small Industries
41. GTC: Import and Export Food Inspection
42. GTC: Foreign Trade Development for Leaders

 training program availed by DTI

LIST OF RECURRING JICA PROGRAMS
1994-1998

PROGRAM TITLE	DATES COVERED	ENDORSED	GRANTEE
GTC : Administration of Industrial Property	6.4-29.96		Marilyn Retutal, TPE II, IPO
	6.4-6.29.97	Herminia Maniquez, SPVG. TIDS, IPO	
GTC: Advanced Industrial Technology	8.29.94-7.17.95	None	None
	8.28-7.8.95	None	None
GTC: Application for Standardization & Quality System	3.20-4.21.95	None	None
	2.19-3.24.96	Carlos Somera, BPS	None
	2.16-3.22.98	None	None
GTC: Arc Furnace & Continuous Casting Control Technology	10.31.94-3.3.95	None	None
	10.30.95-3.196	Amella Caballero, BOI	None
GTC: Consultancy Service for Small Industries	10.24.94-3.3.95	None	None
	10.23.95-3.1.96		Elenita Ordonio, Reg. 3 Daria Mingatacal, CTIDS, Reg. 1
	9.1-12.22.97	Nenita Ungriano, STIDS, RO8	
	9.3-12.3.98	Crisostomo Sicat, TIDS, NCR	
GTC: Development Economics	6.6-8.12.94	None	None
	6.6-8.12.95	Lourdes Yaptinchay, OPR	None
	5.22-6.30.96	Leila Cabrerros, RO4	None

PROGRAM TITLE	DATES COVERED	ENDORSED	GRANTEE
GTC: Distribution System In the Japanese Market	10.16-11.18.95		Nelia Navarro, PD, Reg. 7
	10.13-11.16.97	Evelyn Mae Buaron, STIDS, Reg. 6	None
GTC: Factory Management for Production Managers in Machinery Industry	5.9-9.15.94	None	None
	5.9-9.15.95	None	None
GTC: Financial Industry Information Systems	1.28-2.97	None	None
	11.18-12.10.97	Estela Jimenez, Chief, BOI	None
GTC: General Management Seminar for Regional Development & Planning	9.20-11.13.94	None	None
	10.2-11.25.95		Eleanore Pastor-Erille, Reg. 8
GTC: Heat Treatment Technology	9.12-12.8.94	None	None
	9.11-12.7.95	None	None
	April-July '98	None	None
GTC: High Technology Material Application	5.9-8.1.95	None	None
	5.8-7.30.96	None	None
GTC: Implementation of TQC and Standardization Activities II	6.22-9.3.95	None	None
	6.17-8.29.97		Elvin Demasuay, TIDS, CITC
	June-Sept. 1998		Juanita Felipe, CTIDS, RO2
GTC: Industrial Biotechnology	5.22.95-7.17.96	None	None
	5.22-7.30.96	None	None
GTC: Industrial Property System	8.8-11.9.94	None	None
	8.7-11.9.95		Epitacio J. Cajegas, Ro7
GTC: Information Processing Personnel (Unix Database System Designer) (Network Engineer)	11.5.95-3.31.96	None	None
	5.9-8.24.97		Romulo Henson

PROGRAM TITLE	DATES COVERED	ENDORSED	GRANTEE
GTC: Inspection and Testing Techniques for Household Electrical Appliances	9.21-11.30.94	None	None
	10.1-12.1.96	None	None
	9.30-11.30.97	Isagani Erna, TIDS, BPS	None
	9.24-11.21.98	Gerardo Panopio, SPVG, TIDS, BPS	None
GTC: Intellectual Property Rights in Technology Transfer	5.6-8.3.96		Luzviminda Fontanilla, TIDS, IPO
	5.6-6.30.97		Rolando Saquilabon, CPE, IPO
GTC: Investment Promotion Seminar for Asian Countries	6.25-7.28.96		Ma. Estela C. Dela Cruz, STIDS, RO2
	6.25-7.28.97		Ruel Gonzales, CTIDS, RO4
GTC: Management of Chamber Commerce and Industry	11.20-12.21.95	Ana Maria Bernardo, BOI	None
	11.18-12.18.97		Mario A. Tajanlangit, PD, Reg. 6
	11.17-12.17.98		Agnes Ramirez, PD, Reg. 3
Management of Industrial Effluent and waste	1.20-3.3.97	None	None
	1.19-3.9.98	None	None
GTC: National Government Administration II	5.17-7.8.95	Corazon Abella, GAS	
	5.14-6.30.97		Janet Avestruz, AO V, Reg 8

PROGRAM TITLE	DATES COVERED	ENDORSED	GRANTEE
GTC: Packaging Engineering	8.29-10.3.94	None	None
	8.26-10.19.97	Gloria Salvedo, IPO Linda Bonaño, ROI2	None
GTC: Private Sector Middle Management for the Pacific Corporation	1994	None	None
	6.14-7.23.95	None	None
GTC: Production Management (Theory and Practices of Work Improvement)	10.16.95-3.2.96	None	None
	4.10-6.11.96	None	None
GTC: Promotion of Direct Investment	1.9-3.26.95	None	None
	1.8-3.24.96		Bobby Fondevilla, Atty III, BOI
	10.19-11.28.98		Isagani Erna, STIDS, BPS
GTC: Seminar for Training Specialist for Supervisor II	5.23-7.17.94	None	None
	5.23-7.17.95	None	None
GTC: Seminar on Economic Development Policies	6.4-7.21.96		Alfonso Alamban, PD, Reg. 10
GTC: Seminar on Industrial Safety and Health	9.19-10.9.94	Mario Jusi, CIC	None
	9.26-11.5.95	Climaco Otarra, STIDS	None
	10.24-12.5.96	None	None
	Aug-Oct. 98	None	None
GTC: Seminar on Industrial Standardization & Quality Control	10.28-11.19.94	None	None
	10.24-11.18.95	None	None
	10.22-11.16.96		Dominic Abad, RD, Reg. 6
GTC: Seminar on Industry and Trade Policies of Japan	5.14-6.28.96		Lorna Pingol, TIDS, BITR
	5.14-6.28.97	Rebecca Rascon, Reg. 6	None

PROGRAM TITLE	DATES COVERED	ENDORSED,	GRANTEE
GTC: Seminar on Policies for Promotion of Small and Medium Scale Industries	1.16-2.10.96	Dennis Ping	None
	1.13-2.18.97	Daniel Gonzales	None
	1.19-2.14.98		Marison Loreta, PD,RO3
GTC: Seminar on Small and Medium Enterprises Development Policies	5.6-7.14.96	Elpidio Doropan, STIDS,BETP	None
	5.6-6.30.97	Salvador Mate, PD, RO8	None
GTC: Surface Modification Technology for Materials II	5.9-9.15.94	None	None
	5.9-9.15.95	None	None
GTC: Trade Promotion Seminar (Asian & Pacific Countries)	4.11-5.25.96		Luis Manalang, ADC.PDDCP
	4.11-5.25.97	Filipinas Mantilla, STIDS, BETP	
GTC: WordBased Materials Technology/Application	8.15-12.8.94	Rex Rasgo	None
	8.14-12.7.95	None	None

JICA