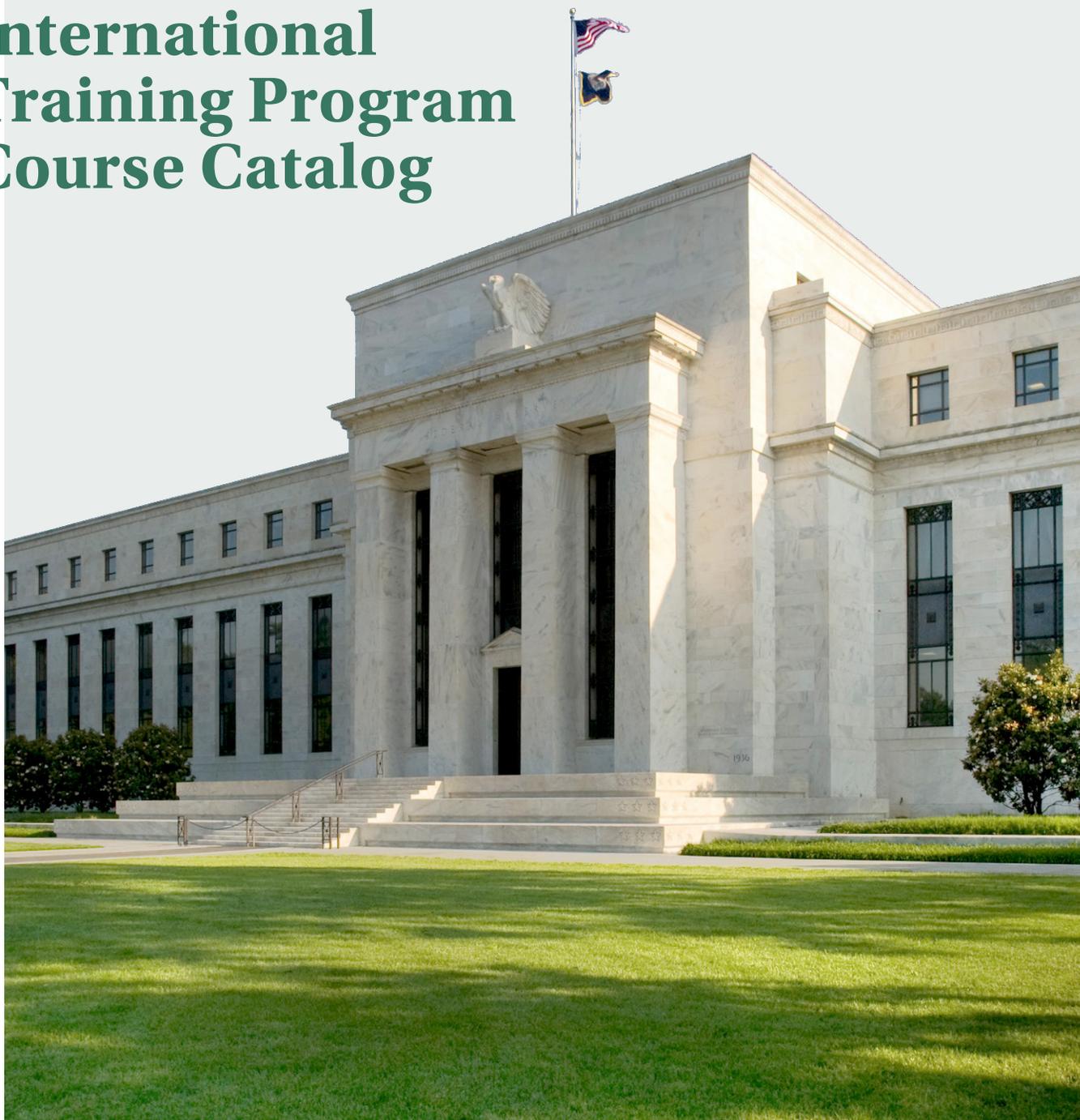


2018

International Training Program Course Catalog



FEDERAL RESERVE SYSTEM





International Training and Assistance (ITA) programs were created in order to promote sound supervisory practices abroad and to foster strong bilateral and multilateral relationships with the central banks and bank supervisory authorities of other countries.



Welcome Message

Dear Colleagues:

I am pleased to provide you with this catalog of supervisory capacity building programs offered by the Federal Reserve System in 2018.

As demands on supervision and regulation evolve through new market activity and technological and financial innovation, we have designed and offer programs exclusively to supervisory staff and officials from central banks and regulatory authorities around the globe. These seminars provide a forum for participants to exchange views and draw lessons learned from practical experiences.

The Federal Reserve remains steadfast in its commitment to supervisory capacity development in the fundamental elements of examination and supervision techniques. All of our programs are instructed by seasoned subject-matter experts, who share their practical experience and knowledge on the most pressing supervisory issues by incorporating case studies, exercises, and group work. The use of highly experienced instructors and practical training approaches have been the hallmarks of our international training program since its inception over 25 years ago.

To the more than 160 countries that have participated in our international programs over the years, I thank you for being wonderful partners and look forward to welcoming you in the United States.



AMOL B. VAIDYA
Program Director
International Training and Assistance



For the full schedule of courses,
registration procedures, and course
descriptions please visit our website at:

www.federalreserve.gov/bankinfo/ita/about_ita.htm

CONTENTS

1. Overview

Introduction	2
What's New	3

2. Course Information

Course Schedule	9
Course Descriptions	11
Course Locations and Accommodations	21



1.

Overview

Introduction

It is our pleasure to provide you with this catalog of examiner training courses the Federal Reserve System will offer in 2018. The Federal Reserve's 2018 examiner training programs will be held in training facilities in Washington, D.C., as well as in the training facilities of the Federal Reserve Banks of Atlanta, Chicago, Los Angeles, New York, Philadelphia, and San Francisco.

For general information about registration procedures, lodging, and other relevant information, please access the International Training and Assistance (ITA) website, which includes a link to this complete catalog, online at www.federalreserve.gov/bankinfo/ita/about_ita.htm. *Please note, English proficiency is a requirement for all courses outlined in this catalog.*

The Federal Reserve is pleased to accommodate colleagues from supervisory authorities and central banks in its training programs on a space-available basis. As most seminars fill up quickly, it is recommended that you submit an application or a request to enroll your staff as early as possible. We must ask that all enrollments be made at least six weeks before the start date of the class. **Enrollment for all classes closes 2 weeks before the start of a class.**

Prior to the start of the program, every participant registered in a Federal Reserve course will receive a participant letter that provides course details. Many courses contain some background reading material or pre-course work, which must be completed by the participant prior to the first day of class. Pre-course work is designed to bring each participant to a base level of knowledge, thereby enabling instructors to deliver information effectively and use class time efficiently. Registered participants will receive an e-mail containing the participant letter and local area information approximately six weeks before the start of a class.

What's New

We are very pleased to announce two newly available programs for our international participants in 2018.

Seminar on Technology Operations and Risk Management

The Seminar on Technology Operations and Risk Management is designed to provide participants with a high-level overview of technology risks present in today's financial institutions as well as related risk management practices and supervisory expectations.

Principles of Fiduciary Supervision

This course will introduce fiduciary concepts and risk management practices common to the fiduciary industry by focusing on particular fiduciary business activities.

Also, in addition to Washington, D.C., courses will be held in six major U.S. cities. See "Course Locations and Accommodations" on page 21 for more information.

New Course Locations

In 2018, the Federal Reserve is offering examiner training classes at Reserve Banks in several U.S. cities. Venues include the training facilities of the Federal Reserve Banks of Atlanta, Chicago, Los Angeles, New York, Philadelphia, and San Francisco.

Meet the Staff



AMOL B. VAIDYA

*Program Director
International Training and Assistance*



JOSE PIGNANO

*Senior Supervisory
Financial Analyst*



ROBERT WALKER

*Senior Supervisory
Financial Analyst*



JUAN MELENDEZ

Financial Analyst



MARIBETH SERAJ

International Course Registrar



TERRY MUCKLEROY

*Senior Supervisory
Financial Analyst*



All inquiries concerning the
Federal Reserve's International
Training and Assistance program
may be submitted to Ms. Maribeth Seraj:

BSRInternationaltraining@frb.gov

Mail Stop K-1800
Board of Governors of the
Federal Reserve System
Washington, D.C. 20551

International Training

Bank Analysis and Examination

Capital Planning and Stress Testing

Supervision

Technology Operations and Risk Management

Bank Operations

Real Estate Lending

Supervisory Practices

Trading Risk Management

Central Banks

Financial Crimes

Principles of Fiduciary Supervision

Anti-Money Laundering Examination

Payment Systems and Risks

Fraud

Emerging Economies

Advanced Credit Risk Measurement and Management

Banking Analysis

Bilateral and Multilateral Relationships

2.

**Course
Information**

THE FOLLOWING is a list of courses offered by the Federal Reserve System and other collaborating agencies, each accompanied by a brief description.

Additional course information about prerequisites and objectives, as well as registration procedures can be found on our website.

www.federalreserve.gov/bankinfo/ita/about_ita.htm

Course Schedule

Dates and locations are subject to change. Please consult the website for the most recent course information.

April 9–12	Real Estate Lending Seminar	San Francisco, CA
April 30–May 3	● Financial Crimes Seminar	Arlington, VA
May 21–24	New York Fed Central Banker Specialized Training Course in Supervision	New York, NY
June 6–8	+ Conference on Policy Challenges for the Financial Sector	Washington, DC
June 11–15	Anti-Money Laundering Examination Seminar	Washington, DC
June 18–21	Seminar on Technology Operations and Risk Management	Washington, DC
June 25–28	● Financial Crimes Seminar	Arlington, VA
June 25–29	Advanced Credit Risk Measurement and Management Seminar	New York, NY
July 9–13	Bank Analysis and Examination School	Los Angeles, CA
July 9–13	◇ Bank Operations Simulation	Chicago, IL
July 23–27	◇ Payments Systems and Risks	Chicago, IL
July 23–27	Principles of Fiduciary Supervision	New York, NY
July 23–27	Liquidity Risk Management Seminar	Washington, DC
July 30–August 3	● Fundamentals of Fraud	Arlington, VA
August 6–10	Capital Planning and Stress Testing Seminar	Washington, DC
August 13–17	Risk-Focused Supervision and Risk Assessment Seminar	Philadelphia, PA
August 20–24	Risk Management and Internal Controls Seminar	Washington, DC

◇ S.T.R.E.A.M. / Technology Lab Courses

● Federal Financial Institutions Examination Council courses

+ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

Course Schedule

August 21–23	● Information Technology (IT) Conference	Arlington, VA
August 27–31	Trading Risk Management	Washington, DC
September 10–14	● Commercial Real Estate Analysis for Financial Institution Examiners	Arlington, VA
September 10–14	Market Risk Analysis Seminar	Washington, DC
September 17–21	● Agricultural Lending	Arlington, VA
September 19–21	Options and Risk Management	Chicago, IL
September 24–27	● Financial Crimes Seminar	Arlington, VA
September 24–27	New York Fed Central Banker Specialized Training Course in Supervision	New York, NY
September 24–28	● International Banking School	Arlington, VA
October 2–4	Securities Broker–Dealer Course	Washington, DC
October 15–19	◇ Bank Operations Simulation	Chicago, IL
October 22–26	✚ Seminar for Senior Bank Supervisors from Emerging Economies	Washington, DC
October 29–November 1	Real Estate Lending Seminar	Atlanta, GA
October 29–November 2	◇ Payments Systems and Risks	Chicago, IL
October 30–November 2	● Payment Systems Risk Conference	Arlington, VA
December 3–7	● Commercial Real Estate Analysis for Financial Institution Examiners	Arlington, VA
December 10–14	● Agricultural Lending	Arlington, VA

◇ S.T.R.E.A.M. /Technology Lab Courses

● Federal Financial Institutions Examination Council courses

✚ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

Course Descriptions

Advanced Credit Risk Measurement and Management Seminar

This one-week seminar consists of a series of lectures and group exercises intended to provide participants with an overview of the advanced risk measurement and management systems banks employ to monitor credit risk. Lectures will address the estimation and calculation of the inputs into advanced credit risk measurement systems such as probability of default and loss-given default, portfolio management techniques, and the governance necessary to employ these advanced systems. Lectures will also focus on basic methods supervisors can employ to understand and evaluate the effectiveness of banks' implementation of these advanced credit risk management systems. Group work will take the form of a case study and give participants an opportunity to practice and reinforce the techniques discussed during the lectures.

● Agricultural Lending

This class will provide an overview of current trends in agricultural sectors and enhance skills in analyzing agricultural credits. Interactive case studies will be used to assist examiners with analyzing agricultural credits, including cash flow, and identifying any risk to the financial institution.

Anti-Money Laundering Examination Seminar

This course is designed to provide banking supervision staff with an understanding of the importance of reviewing the operational, legal, and reputational risks associated with money laundering and terrorist financing and their impact on the overall bank rating assessment. The course provides examiners with guidance on proper customer identification and due diligence procedures, counter-terrorist financing, and suspicious activity reporting. There are also presentations and discussions on assessing the money laundering risks associated with high-risk areas like foreign correspondent banking, wire transfers, private banking and prepaid cards, and other emerging payment systems. This course will also provide an overview of the USA PATRIOT Act, the general U.S. AML/CFT (anti-money laundering/combating the financing of terrorism) regulatory framework, and the FATF (Financial Action Task Force on Money Laundering) recommendations; it will present the U.S. experience and regulatory perspective on these topics. Case studies will be utilized to highlight and analyze key money laundering and terrorist financing risks in a bank's high-risk business areas.

Bank Analysis and Examination School

This is an intensive course based on risk management and analytical concepts that apply to all areas of supervision: examinations, inspections, surveillance, and applications. The program emphasizes risk-focused examination and its products as well as common analytical and supervisory themes and techniques.

◇ Bank Operations Simulation

This course provides participants with a simulated bank operations experience. Using an industry-standard general ledger system, participants receive training on fundamental bank operations and their key risks, risk-management principles, control activities, and red flags. The course includes lectures and hands-on practice with the major operational activities of a community bank, including teller and check operations, back office operations, investment and loan operations, and electronic payments systems (ACH, Remote Deposit Capture, and Wire Transfer). Participants experience bank management's perspective in managing operations, detecting misappropriations, and mitigating operational risk and control weaknesses. The participants also improve their understanding of examiner responsibilities by identifying issues and root causes that contribute to control weaknesses and increase operational risk.

Capital Planning and Stress Testing Seminar

This course will provide an in-depth exposure to a capital planning process, overall capital adequacy, and the ability to sustain capital in various stressed environments. The goal of this course is to provide a foundation to effectively assess an organization's capital adequacy relative to its overall risk and its plan for maintaining appropriate capital levels. This theoretical foundation will be enhanced with a detailed case study that allows participants to apply their knowledge to reviewing the capital planning process, assessing an organization's risk through stress testing, and analyzing measures of ensuring that capital supports the level of risk.

◇ S.T.R.E.A.M. /Technology Lab Courses

● Federal Financial Institutions Examination Council courses

✚ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

● Commercial Real Estate Analysis for Financial Institution Examiners

This course provides in-depth analysis of risk in real estate lending. The course focus includes builder-developer and investor real estate credits, including lot development, residential construction, retail, multi-family, industrial, medical buildings, condo conversions, storage facilities, and office buildings. Emphasis includes various market characteristics, risks often missed by lenders, special issues related to the real estate cycle, proper loan structuring, and collateral evaluation. The class instruction is interactive and based on a facilitation style of teaching centered around case studies and exercises based on actual scenarios.

+ Conference on Policy Challenges for the Financial Sector

The program aims to provide policymakers a forum for identifying, developing, and challenging responses to strategy and policy issues. It explores current policy issues, disseminates research in the financial sector, and creates awareness of financial sector issues discussed in international forums.

Presentations serve as a setting for extensive discussions and exchanges of experiences among the participants. Debates will encompass major economic, legal, and institutional strategies and policies that are necessary to ensure that appropriate regulatory and prudential safeguards are in place to support sound and sustainable economic growth. **Participation in this conference is by invitation only.**

● Financial Crimes Seminar

The Financial Crimes Seminar provides experienced examiners with a higher level of knowledge of fraudulent schemes and insider abuses. The seminar is designed to provide insight and information on a variety of current and emerging financial crime-related topics. Presenters may include staff from the U.S. Federal Bureau of Investigation, the Securities and Exchange Commission, the Financial Crimes Enforcement Network, the Department of Justice, and various regulatory agencies. Industry specialists, accountants, and attorneys may also serve as presenters.

Topics vary from year to year based on feedback from prior participants, regulatory changes, and discussions with an interagency development group.

● Fundamentals of Fraud Workshop

This course is designed to enhance participants' fraud knowledge, analytical skills, and ability to assess operational risk. The course is divided into five modules and centers on a case study involving a one-week, on-site examination of a mythical financial institution. Each module begins with PowerPoint presentations that introduce participants to basic fraud concepts, techniques for detecting fraud, and other knowledge required for completing the case study.

● Information Technology Conference

The Information Technology (IT) Conference is designed to update financial institution examiners on current and prospective developments in the area of IT, systems controls, and security. Speakers for this program are nationally recognized industry leaders and, occasionally, senior staff members from regulatory agencies.

● International Banking School

The FFIEC's International Banking School is a specialized course not intended for all bank examiners. Rather, it is designed for examiners who have supervisory responsibilities for regional or multinational banks that are actively engaged in international banking activities and for U.S. branches and agencies of foreign banks. This course is considered inappropriate for those who do not have international supervisory responsibilities.

Liquidity Risk Management Seminar

This one-week seminar will provide an in-depth exposure to liquidity-risk management concepts and methodologies, such as cash flow modeling, stress testing, and international regulatory requirements. The topics covered will enable participants to identify and assess liquidity-risk issues present at most financial institutions, including funding vulnerabilities, asset liquidity value, roll-over risk, funding liquidity risk, market-based liquidity risk, intraday liquidity risk, and contingent liquidity risk. This program will include case study work to illustrate and reinforce the concepts presented in the lectures.

◇ S.T.R.E.A.M. / Technology Lab Courses

● Federal Financial Institutions Examination Council courses

✚ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

Market Risk Analysis Seminar

The Market Risk Analysis Seminar (MRAS) provides an overview of market risk management with respect to both the trading portfolio and overall balance sheet. The course also covers related topics including counterparty credit risk and liquidity risk management. MRAS introduces market risk metrics, such as value-at-risk (VaR), earnings at risk, and economic value of equity, and illustrates a proper risk-management framework, including policies, limits, and internal controls. The course is a combination of lectures on technical risk management topics and short case studies that apply the concepts studied. Fully qualified participants will not require any pre-course study, although background papers on various subjects are provided if participants wish to review basic concepts.

New York Fed Central Banker Specialized Training Course in Supervision

The Federal Reserve Bank of New York offers a course on supervision for central bankers and international financial supervisory specialists. This four-day course provides an overview of how the Federal Reserve System carries out its supervisory responsibilities with an emphasis on risk-focused supervision and key risk dimensions. This course is offered twice a year in New York and is scheduled for the following dates in 2018:

- May 21–24
- September 24–27

For more information about the Federal Reserve Bank of New York's training programs, including registration guidelines and course application forms, please visit www.newyorkfed.org/banking/trainingprograms.html. **Please note:** The Board of Governor's International Training and Assistance section **does not** register anyone for courses offered by the Federal Reserve Bank of New York.

Options and Risk Management

This Chicago Board Options Exchange (CBOE) course is offered for experienced safety-and-soundness examiners who need a better understanding of how options are used for risk management. The Options Institute is the educational unit within CBOE that offers a 3-day seminar on how to use options for risk management. The seminar explains the role of options in modern portfolio management. The curriculum combines lectures, discussions, strategy workshops, and trading floor experience.

● Payment Systems Risk Conference

This conference offers an overview of wholesale and retail payment systems and identifies associated risks. The conference provides examiners knowledge that may be incorporated into the supervisory process. The conference also includes insight into emerging payment processes and technology and their impact on the financial industry.

◇ Payments Systems and Risks

The goal of this five-day Payments Systems and Risks course is to introduce key components and key players in the payment domain, explain various channels, networks and systems in the electronic payment systems, discuss how to conduct risk-focused exams on these payment systems based on exam guidelines, and share insights on the future of payment evolution. It also gives participants hands-on training on the technology of Remote Deposit Capture (RDC) and demonstrates back office operation of money transfer in a simulated bank environment.

Principles of Fiduciary Supervision

This course will introduce fiduciary concepts and risk management practices common to the fiduciary industry by focusing on particular fiduciary business activities. These activities include personal trust, charitable trusts/foundations/endowments, employee benefit/retirement services, trust operations, asset management, and corporate trust, as well as agency relationships with a focus on non-complex institutions. After completing this course, participants should be able to identify significant fiduciary risks and related supervisory issues.

◇ S.T.R.E.A.M. /Technology Lab Courses

● Federal Financial Institutions Examination Council courses

✚ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

Real Estate Lending Seminar

The Real Estate Lending Seminar (REL) is designed to provide a systematic approach to analyzing real estate acquisition, development, and construction lending facilities. This course reviews various types of real estate projects and the unique risks associated with each. Topics to be addressed include real estate underwriting standards, developer cash flow analysis, appraisals and appraisal policy guidelines, financing different types of real estate, real estate-related accounting issues, problem real estate loan management, classification standards and issues, and local economic conditions affecting real estate lending. REL is an interactive seminar, where participants are encouraged to share relevant experiences and contribute to classroom discussions and case studies.

Risk-Focused Supervision and Risk Assessment Seminar

This course is designed to enhance a participant's analytical and decision-making skills through lectures and group work that simulates actual examination activities. Lectures will cover four primary risk categories: credit, operations, market, and liquidity. Each risk category lecture will focus on the processes and techniques for developing a risk assessment in preparation for creating an examination scope and plan. During the group case study work, participants will use critical thinking skills to review institutional data, financial institution documents, and previous examination work papers and summary findings to identify and prioritize areas of risk and evaluate risk management processes. Participants will develop a written risk assessment that identifies strengths and weaknesses for the functional areas and assess the overall risk of the institution. As part of the functional review, participants will identify examination techniques to employ as part of the on-site examination.

Risk Management and Internal Controls Seminar

The course is designed to provide examiners with an understanding of the importance of internal controls and risk management in banks, and how the review of internal controls and risk management fits into the overall bank rating assessment. The course is also intended to give examiners guidance on assessing the risk management and internal control environment in key functions such as credit administration and investments, including trading operations, deposits, and payment systems risk.

Securities Broker-Dealer Course

This program provides an intensive analysis of the middle and back-office operation functions and requisite controls for U.S. broker-dealers and registered investment advisers (RIA). A detailed overview of these functional building-blocks encompasses the trade lifecycle process from order execution through trade clearance and settlement. Custody and control topics include a description of stock record, margin, stock loan, and asset services.

Participants will gain an understanding of the organizational infrastructure of a broker-dealer. The program content examines the interdependencies of operation functions among entities such as investment managers, broker-dealers, introducing and clearing firms, custodians, clearing houses, and depositories.

Case studies with an operational risk perspective will be used (e.g., MF Global, Peregrine Financial, Madoff, Société Générale, UBS). Participants will learn how these events, if not properly managed and reported, can have a negative impact on the firms, their customers, and counterparties.

+ Seminar for Senior Bank Supervisors from Emerging Economies

Strong and effective bank supervision and prudential regulation are cornerstones of a healthy financial system. Agencies, such as the World Bank, the International Monetary Fund, and the Federal Reserve System, have strengthened bank supervision and prudential regulations by enacting changes based on experiences realized during different economic conditions. Traditionally, in most countries, highly specialized bank supervision and examination skills have been learned on the job, with only the largest, most developed countries having the resources to establish training departments and courses. Training, to the extent that it has been conducted in emerging economies, has been narrow in focus.

◇ S.T.R.E.A.M. /Technology Lab Courses

● Federal Financial Institutions Examination Council courses

+ Joint World Bank / International Monetary Fund / Federal Reserve Board courses

This seminar will attempt to overcome some of these shortcomings by bringing together a group of participants from a wide variety of countries. The program will focus on discussions of the principal policy issues facing bank supervisors in developing countries today. It will establish the linkages between financial system health and macroeconomic performance and the World Bank's general framework for financial sector reform. From these broader issues, the seminar will move to discussions concerning the causes of financial system distress and possible solutions, including problem bank resolution and bank restructuring.

World Bank and IMF staff, and a distinguished group of experts from the U.S. bank supervisory agencies, major international accounting firms, and elsewhere, will lead the discussions.

Participation in this seminar is by invitation only.

Seminar on Technology Operations and Risk Management

This seminar aims to provide training in the technology supervision of financial institutions, introducing foundational concepts on information technology risk, risk management, and integrated supervision. Technology risk topics will include cloud computing, cybersecurity, mobile banking, fintech, and payment systems and operations. Additionally, risk management expectations for information security, data governance, vendor management, business continuity, and audit will be discussed. Finally, the seminar is intended to give guidance on how links between technology and business risks can be made and incorporated into an integrated supervisory approach.

Trading Risk Management

This is a four-and-a-half-day course that will equip examiners with the specialized skills necessary to assess the quality of trading book risk management. The course provides an overview of various traded products, their risk measurement (sensitivity measures), and how the liquidity characteristics and settlement processes differ across products. Participants will be introduced to trade cycles, trade execution issues, front office controls and market risk limits, middle office controls and valuation, and the back-office activities of verification and settlement.





Course Locations and Accommodations

The Federal Reserve does not make lodging arrangements for participants attending any of our listed seminars. Participants are responsible for arranging their own lodging accommodations.

For those attending our joint World Bank/International Monetary Fund/Federal Reserve “Seminar for Senior Bank Supervisors from Emerging Economies” and “Conference on Policy Challenges for the Financial Sector” only, seminar organizers will secure blocks of rooms at select area hotels. It will be up to the participants to make their own reservations with these hotels and provide a credit card guarantee.

We recommend you book your stay early to ensure the best selection of hotel rooms and rates. The average duration of programs is one week, but be sure to check the full course schedule online for dates and locations. Visit us at www.federalreserve.gov/bankinginforeg/ita/about_ita.htm.

Please visit our website for the full
schedule of courses, registration
procedures, and course descriptions:



Board of Governors of the Federal Reserve System
www.federalreserve.gov

1217

