



AIT Extension

Executive Education & Professional Development Services

AIT EXTENSION CATALOG

2023-2024



SHORT COURSES & CAPACITY BUILDING PROGRAMS



Message from Executive Director

Dear Partners, Business Leaders, and Friends,

We would like to share our gratitude and honor for your continuous supports and trusts given to AIT Extension recently. Despite the unpleasant business conditions caused by the COVID-19 pandemic, AIT Extension has strived and pivoted executive education knowledge products and offers to develop leaders and change managers for public, non-governmental and corporate sectors. In the light of AIT's mission, AIT Extension continues to strengthen its learning ecosystem to fulfill the needs and requirement of client organizations. We join hands with value partners and donor agencies to be innovative in designing and developing professional development and life-long learning programs that are possible for organizations in Asia and Pacific Region.

We value your feedback and are always ready to respond to your needs and requirement to excel in our executive education and advisory services. With cutting-edge learning technology and methodologies, AIT Extension pays the utmost attention to the impact and exit skills of professionals and learners participating in its programmatic activities.

We strongly believe in co-creation and a customer-centric approach to develop global leaders and strengthen organizations' capacity. Alongside our current service initiatives, we join global communities to develop human resource acumens and strategies to achieve SDGs goals in 2023.

We look forward to working with you.

Mr. Voravate Chonlasin
Executive Director
AIT Extension
Asian Institute of Technology

Introduction



Choose from our extensive range of courses that will strengthen your understanding of how technical know-how is changing your business, and its implications for your work as a manager and a leader.

These courses are led by AIT faculty members, business leaders and practitioners in various specialized areas designed in collaboration with AIT Extension's and specialists.

All courses highlight how business environments and technology are changing the work in which you are engaged and will provide you with tools and skills to navigate and respond to those changes.

AIT Extension provides a comprehensive range of human resource development strategies and innovative learning programs.

Please contact extension@ait.ac.th for further information

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Thematic Areas

AGRICULTURE
& FOOD
SECURITY

BANKING,
FINANCE &
INSURANCE

DEVELOPMENT
MANAGEMENT

EDUCATION
DEVELOPMENT

ENERGY
TECHNOLOGY &
MANAGEMENT

ENGINEERING &
FRONTIER
TECHNOLOGIES

ENVIRONMENT,
CLIMATE CHANGE,
WATER &
SANITATION

PUBLIC
ADMINISTRATION
& PUBLIC POLICY

SOCIAL
ENTREPRENEUR &
ESG

AGRICULTURE & FOOD SECURITY

Advanced Shrimp/Prawn
Farming

10-21 JUL 2023
8-19 JUL 2024

AFS-01

Agricultural and Livestock
Risk Mitigation and
Management

13-24 NOV 2023
18-29 NOV 2024

AFS-02

Agricultural Supply Chain for
Farming Business Strategies
and Practices

26 JUN-7 JUL 2023
24 JUN-5 JUL 2024

AFS-03

Biofloc in Aquaculture and
Aquaponics System for Urban
Food Security and Safety

16-27 OCT 2023
14-25 OCT 2024

AFS-04

Climate Resilience
Agriculture and Sustainable
Farming

2-13 AUG 2023
5-16 AUG 2024

AFS-05

Climate Smart Agriculture

7-11 AUG 2023
5-9 AUG 2024

AFS-06

Digital Agriculture and AI
Driven Precision Farming

15-26 MAY 2023
13-24 MAY 2024

AFS-07

Sustainable Agriculture,
Agribusiness and Value Chain
Management

20-31 MAR 2023
18-29 MAR 2024

AFS-08

BANKING, FINANCE & INSURANCE

Advanced Insurance Business Management

17-26 JUL 2023

15-24 JUL 2024

BFI-01

Cybersecurity in Insurance Business

27-31 NOV 2023

25-29 NOV 2024

BFI-02

Finance for Non-Finance Manager

8-17 MAY 2023

13-22 MAY 2024

BFI-03

Finance and Risk Management

26-30 JUN 2023

24-28 JUN 2024

BFI-04

International Accounting Standards (IAS) and International Financial Reporting Standards (IFRS)

7-16 AUG 2023

5-14 AUG 2024

BFI-05

Project Finance

11-15 SEP 2023

9-13 SEP 2024

BFI-06

DEVELOPMENT MANAGEMENT

Business Integrity Essentials

8-19 MAY 2023

13-22 MAY 2024

DM-01

Connecting Learning with Monitoring and Evaluation

6-17 NOV 2023

4-15 NOV 2024

DM-02

Quality Management in Medical and Health Care Service

10-21 JUL 2023

8-19 JUL 2024

DM-03

Management & Implementation of Development Projects

15-24 MAY 2023

13-22 MAY 2024

DM-04

Project Monitoring and Impact Evaluation

12-21 JUN 2023

10-19 JUN 2024

DM-05

Root Cause and Failure Analysis

14-25 AUG 2023

19-30 AUG 2024

DM-06

Strategic Environmental Assessment and Environmental Auditing for Development Projects

17-28 JUL 2023

15-26 JUL 2024

DM-07

Strategic Human Resource Management and Business Leadership

9-18 OCT 2023

7-16 OCT 2024

DM-08

EDUCATION DEVELOPMENT

Advanced Training of Trainers

12-23 JUN 2023
10-21 JUN 2024

ED-01

Advanced Management for TVET Institutions

28 AUG-8 SEP 2023
26 AUG-6 SEP 2024

ED-02

Design and Development of Online Training, Development and Lifelong Learning

10-21 JUL 2023
15-26 JUL 2024

ED-03

Management of Training Center

21-30 AUG 2023
19-28 AUG 2024

ED-04

ENERGY TECHNOLOGY & MANAGEMENT

Accounting System of
Production Sharing
Contracts in Oil and
Gas Industries

4-13 SEP 2023

2-11 SEP 2024 **ETM-01**

Bioenergy for
Sustainable Energy
Transition

10-19 JUL 2023

8-17 JUL 2024 **ETM-02**

Contracts and
Pricing for Gas and
LNG Markets

11-22 SEP 2023

16-27 SEP 2024 **ETM-03**

Electric Vehicles
Technology, Battery
Storage and
Development Barriers

18-27 JUL 2023

22-31 JUL 2024 **ETM-04**

Energy Risk
Management

9-18 OCT 2023

21-30 OCT 2024 **ETM-05**

Logistics and Supply
Chain Management in
the Energy Sector

13-22 NOV 2023

11-20 NOV 2024 **ETM-06**

Managing PPP
Projects in the
Energy Sector

ETM-07

29 MAY-7 JUN 2023

27 MAY-5 JUN 2024

Renewable Energy
and Sustainability

ETM-08

19-28 JUN 2023

17-26 JUN 2024

Strategic Integration
and Modelling

ETM-09

20-29 MAR 2023

11-20 MAR 2024

ENGINEERING & FRONTIER TECHNOLOGIES

Agile Technology and Digital
Transformation

21-30 AUG 2023
19-28 AUG 2024

EFT-01

Big Data Analytics

11-20 SEP 2023
16-25 SEP 2024

EFT-02

Big Data and Machine
Learning Fundamentals

11-20 DEC 2023
9-18 DEC 2024

EFT-03

Cybersecurity

10-14 JUL 2023
15-19 JUL 2024

EFT-04

Construction Management

12-23 JUN 2023
10-21 JUN 2024

EFT-05

Fundamentals of Artificial
Intelligence

6-15 MAR 2023
4-13 MAR 2024

EFT-06

Road Safety Audit

21-30 AUG 2023
19-28 AUG 2024

EFT-07

Safeguarding Organizations:
Implementing Effective
Measures through Cybersecurity

22-31 MAY 2023
20-29 MAY 2024

EFT-08

ENVIRONMENT, CLIMATE CHANGE, WATER & SANITATION

Climate Change and
Climate Risk Management

20-31 MAR 2023
18-29 MAR 2024

ECC-01

Collaborative Forest
Management and REDD+

20-31 NOV 2023
18-29 NOV 2024

ECC-02

ICZM for Professionals and
Administrators

13-24 NOV 2023
11-22 NOV 2024

ECC-03

Innovative Irrigation
Management and
Agricultural Techniques

8-19 MAY 2023
6-17 MAY 2024

ECC-04

Integrated Solid Waste
and Wastewater
Management

14-25 AUG 2023
12-23 AUG 2024

ECC-05

Urban Environmental
Planning and Management

12-23 JUN 2023
10-21 JUN 2024

ECC-06

PUBLIC ADMINISTRATION & PUBLIC POLICY

Asset Management for
Water and Wastewater
Utilities

12-23 JUN 2023

10-21 JUN 2024

PAP-01

Leadership for Public
Utilities Managers

4-15 SEP 2023

2-13 SEP 2024

PAP-02

Performance Management
in the Public Sector

8-17 MAY 2023

6-15 MAY 2024

PAP-03

Local Public Administration
and Municipality
Management

6-17 NOV 2023

4-15 NOV 2024

PAP-04

SOCIAL ENTREPRENEUR & ESG

Effective Marketing Tools
and Techniques

13-22 NOV 2023
11-20 NOV 2024

SEE-01

Entrepreneurship as Corporate
Strategy

18-22 SEP 2023
16-20 SEP 2024

SEE-02

Entrepreneurship: A Mindset
Game

15-19 MAY 2023
13-17 MAY 2024

SEE-03

Enterprise-Led Development
as CSR Strategy

12-16 JUN 2023
10-14 JUN 2024

SEE-04

Innovation in Corporate
Culture

10-14 JUL 2023
8-12 JUL 2024

SEE-05

Social Investment &
Sustainability Reporting

21-25 AUG 2023
19-22 AUG 2024

SEE-06

COURSE SCHEDULES FOR 2023-2024

AGRICULTURE & FOOD SECURITY

Course Code	Course Title	2023	2024	Wks	Fee [Us]
AFS-01	Advanced Shrimp/Prawn Farming	10 Jul-21 Jul	8 Jul-19 Jul	2	2,500
AFS-02	Agricultural and Livestock Risk Mitigation and Management	13 Nov-24 Nov	18 Nov-29 Nov	2	2,500
AFS-03	Agricultural Supply Chain for Farming Business Strategies and Practices	26 Jun-7 Jul	24 Jun-5 Jul	2	2,500
AFS-04	Biofloc in Aquaculture and Aquaponics System for Urban Food Security and Safety	16 Oct-27 Oct	14 Oct-25 Oct	2	2,500
AFS-05	Climate Resilience Agriculture and Sustainable Farming	2 Aug-13 Aug	5 Aug-16 Aug	2	2,500
AFS-06	Climate Smart Agriculture	7 Aug-11 Aug	5 Aug-9 Aug	1	1,500
AFS-07	Digital Agriculture and AI Driven Precision Farming	15 May-26 May	13 May-24 May	2	2,500
AFS-08	Sustainable Agriculture, Agribusiness and Value Chain Management	20 Mar-31 Mar	18 Mar-29 Mar	2	2,500

BANKING, FINANCE & INSURANCE

Course Code	Course Title	2023	2024	Wks	Fee [Us]
BFI-01	Advanced Insurance Business Management	17 Jul-26 Jul	15 Jul-24 Jul	1.5	1,800
BFI-02	CyberSecurity in Insurance Business	27 Nov-31 Nov	25 Nov-29 Nov	1	1,500
BFI-03	Finance for Non-Finance Manager	8 May-17 May	13 May-22 May	1.5	1,800
BFI-04	Finance and Risk Management	26 Jun-30 Jun	24 Jun-28 Jun	1	1,500
BFI-05	International Accounting Standards (IAS) and International Financial Reporting Standards (IFRS)	7 Aug-16 Aug	5 Aug-14 Aug	1.5	1,800
BFI-06	Project Finance	11 Sep-15 Sep	9 Sep-13 Sep	1	1,500

DEVELOPMENT MANAGEMENT

Course Code	Course Title	2023	2024	Wks	Fee [Us]
DM-01	Business Integrity Essentials	8 May-19 May	13 May-22 May	2	2,500
DM-02	Connecting Learning with Monitoring and Evaluation	6 Nov-17 Nov	4 Nov-15 Nov	2	2,500
DM-03	Quality Management in Medical and Health Care Service	10 Jul-21 Jul	8 Jul-19 Jul	2	2,500
DM-04	Management & Implementation of Development Projects	15 May-24 May	13 May-22 May	1.5	1,800
DM-05	Project Monitoring and Impact Evaluation	12 Jun-21 Jun	10 Jun-19 Jun	1.5	1,800
DM-06	Root Cause and Failure Analysis	14 Aug-25 Aug	19 Aug-30 Aug	2	2,500
DM-07	Strategic Environmental Assessment and Environmental Auditing for Development Projects	17 Jul-28 Jul	15 Jul-26 Jul	2	2,500
DM-08	Strategic Human Resource Management and Business Leadership	9 Oct-18 Oct	7 Oct-16 Oct	1.5	1,800

EDUCATION DEVELOPMENT

Course Code	Course Title	2023	2024	Wks	Fee [Us]
ED-01	Advanced Training of Trainers	12 Jun-23 Jun	10 Jun-21 Jun	2	2,500
ED-02	Advanced Management for TVET Institutions	28 Aug-8 Sep	26 Aug-6 Sep	2	2,500
ED-03	Design and Development of Online Training, Development and Lifelong Learning	10 Jul-21 Jul	15 Jul-26 Jul	1.5	1,800
ED-04	Management of Training Center	21 Aug-30 Aug	19 Aug-28 Aug	1.5	1,800

ENERGY TECHNOLOGY & MANAGEMENT

Course Code	Course Title	2023	2024	Wks	Fee [Us]
ETM-01	Accounting System of Production Sharing Contracts in Oil and Gas Industries	4 Sep-13 Sep	2 Sep-11 Sep	1.5	1,800
ETM-02	Bioenergy for Sustainable Energy Transition	10 Jul-19 Jul	8 Jul-17 Jul	1.5	1,800
ETM-03	Contracts and Pricing for Gas and LNG Markets	11 Sep-22 Sep	16 Sep-27 Sep	2	2,500
ETM-04	Electric Vehicles Technology, Battery Storage and Development Barriers	18 Jul-27 Jul	22 Jul-31 Jul	1.5	1,800
ETM-05	Energy Risk Management	9 Oct-18 Oct	21 Oct-30 Oct	1.5	1,800
ETM-06	Logistics and Supply Chain Management in the Energy Sector	13 Nov-22 Nov	11 Nov-20 Nov	1.5	1,800
ETM-07	Managing PPP Projects in the Energy Sector	29 May-7 Jun	27 May-5 Jun	1.5	1,800
ETM-08	Renewable Energy and Sustainability	19 Jun-28 Jun	17 Jun-26 Jun	1.5	1,800
ETM-09	Strategic Integration and Modelling	20 Mar-29 Mar	11 Mar-20 Mar	1.5	1,800

ENGINEERING & FRONTIER TECHNOLOGIES

Course Code	Course Title	2023	2024	Wks	Fee [Us]
EFT-01	Agile Technology and Digital Transformation	21 Aug-30 Aug	19 Aug-28 Aug	1.5	1,800
EFT-02	Big Data Analytics	11 Sep-20 Sep	16 Sep-25 Sep	1.5	1,800
EFT-03	Big Data and Machine Learning Fundamentals	11 Dec-20 Dec	9 Dec-18 Dec	1.5	1,800
EFT-04	Cybersecurity	10 Jul-14 Jul	15 Jul-19 Jul	1	1,500
EFT-05	Construction Management	12 Jun-23 Jun	10 Jun-21 Jun	1	1,500
EFT-06	Fundamentals of Artificial Intelligence	6 Mar-15 Mar	4 Mar-13 Mar	1.5	1,800
EFT-07	Road Safety Audit	21 Aug-30 Aug	19 Aug-28 Aug	2	2,500
EFT-08	Safeguarding Organizations: Implementing Effective Measures through Cybersecurity	22 May-31 May	20 May-29 May	1.5	1,800

ENVIRONMENT, CLIMATE CHANGE, WATER & SANITATION

Course Code	Course Title	2023	2024	Wks	Fee [Us]
ECC-01	Climate Change and Climate Risk Management	20 Mar-31 Mar	18 Mar-29 Mar	2	2,500
ECC-02	Collaborative Forest Management and REDD+	20 Nov-31 Nov	18 Nov-29 Nov	2	2,500
ECC-03	ICZM for Professionals and Administrators	13 Nov-24 Nov	11 Nov-22 Nov	2	2,500
ECC-04	Innovative Irrigation Management and Agricultural Techniques	8 May-19 May	6 May-17 May	2	2,500
ECC-05	Integrated Solid Waste and Wastewater Management	14 Aug-25 Aug	12 Aug-23 Aug	2	2,500
ECC-06	Urban Environmental Planning and Management	12 Jun-23 Jun	10 Jun-21 Jun	2	2,500

PUBLIC ADMINISTRATION & PUBLIC POLICY

Course Code	Course Title	2023	2024	Wks	Fee [Us]
PAP-01	Asset Management for Water and Wastewater Utilities	12 Jun-23 Jun	10 Jun-21 Jun	2	2,500
PAP-02	Leadership for Public Utilities Managers	4 Sep-15 Sep	2 Sep-13 Sep	2	2,500
PAP-03	Performance Management in the Public Sector	8 May-17 May	6 May-15 May	1.5	1,800
PAP-04	Local Public Administration and Municipality Management	6 Nov-17 Nov	4 Nov-15 Nov	2	2,500

SOCIAL ENTREPRENEUR & ESG

Course Code	Course Title	2023	2024	Wks	Fee [Us]
SEE-01	Effective Marketing Tools and Techniques	13 Nov-22 Nov	11 Nov-20 Nov	1.5	1,800
SEE-02	Entrepreneurship as Corporate Strategy	18 Sep-22 Sep	16 Sep-20 Sep	1	1,500
SEE-03	Entrepreneurship: A Mindset Game	15 May-19 May	13 May-17 May	1	1,500
SEE-04	Enterprise-Led Development as CSR Strategy	12 Jun -16 Jun	10 Jun-14 Jun	1	1,500
SEE-05	Innovation in Corporate Culture	10 Jul-14 Jul	8 Jul-12 Jul	1	1,500
SEE-06	Social Investment & Sustainability Reporting	21 Aug-25 Aug	19 Aug-22 Aug	1	1,500

Remark:

The training fee does not include tax, VAT, Bank Transfer fee, expenses for international travel, domestic travel, visa fees, tariffs for accommodation, airport taxes, insurance, daily subsistence allowance, meals, etc. Individual applicants or Client organizations will bear these costs.

CUSTOMIZED TRAINING PROGRAMS 2023-2024

To respond to the client organization's needs, AIT Extension can design, develop, and conduct specific international training and study visit programs. The training programs will be customized in accordance with organization requirements. The duration of the program range from 1 week to 12 weeks depending on the learning design, subject contents, training activities and learner engagement methodology.

AGRICULTURE & FOOD SECURITY

Code	Knowledge domain
C-AFS 01	Innovative Irrigation Management and Agricultural Techniques
C-AFS 02	Agribusiness and Value Chain Management in Agricultural Marketing
C-AFS 03	Precision Farming and Climate Smart Agriculture
C-AFS 04	Sustainable and Smart Farming using Cutting Edge Technologies and IoT
C-AFS 05	AI in Agriculture and Food Supply
C-AFS 06	Blockchain in Agriculture and Food Industry
C-AFS 07	Data Analytics and Agriculture Intelligence
C-AFS 08	Shrimp/ Prawn Farming 101

BANKING, FINANCE & INSURANCE

Code	Knowledge domain
C-BFI 01	Financial Modelling

ENERGY TECHNOLOGY & MANAGEMENT

Code	Knowledge domain
C-ETM 01	Sustainability and CSR
C-ETM 02	Business Energy

Code	Knowledge domain
C-ETM 03	Strategic Procurement Management in the Energy Sector
C-ETM 04	Smart Grid System
C-ETM 05	Smart Grids Integration and Modelling
C-ETM 06	Smart Grid Commercial, Technical and Market Drivers
C-ETM 07	Carbon Finance
C-ETM 08	Energy Storage
C-ETM 09	Solar Voltaic
C-ETM 10	Renewable Energy Management and Finance
C-ETM 12	Power Purchase Agreements
C-ETM 13	Operation, Maintenance, & Troubleshooting of grid Sub-station's Equipment
C-ETM 14	Sustainable Gas Supply and Demand
C-ETM 15	Gas Reservoir Management and Production Optimization for Engineers
C-ETM 16	Downstream Gas and Oil Contracts and Downstream Risk Management
C-ETM 17	Environmental and Social Impact Assessment of Energy Projects
C-ETM 18	Waste Management and Renewable Energy Technology with an emphasis on Monitoring and Maintenance
C-ETM 19	ESIA, CDM and MRV for Clean Energy Access and Services

ENGINEERING & FRONTIER TECHNOLOGIES

Code	Knowledge domain
C-EFT 01	Construction Management
C-EFT 02	Road Construction and Management
C-EFT 03	A Practical Approach to FIDIC Contracts
C-EFT 04	Bridge Inspection, Evaluation, Maintenance and Bridge Health Monitoring
C-EFT 05	Sustainable Transportation
C-EFT 06	Rural Road Transportation System
C-EFT 07	Traffic Engineering and Road Safety Management
C-EFT 08	Road safety and Traffic Management
C-EFT 09	Seismic Analysis and Earthquake Engineering
C-EFT 10	Earthquake Engineering for Structures
C-EFT 11	Implementation of Cybersecurity Laws
C-EFT 12	Fundamentals of Cybersecurity
C-EFT 13	Internet Security

ENVIRONMENT, CLIMATE CHANGE, WATER & SANITATION

Code	Knowledge domain
C-ECW 01	Integrated Water Resource Management
C-ECW 02	Irrigation Management by Participatory Approach
C-ECW 03	Implementation, Operation and Maintenance, Monitoring and Evaluation of Flood Control, Drainage, and Irrigation Schemes
C-ECW 04	Asset Management for Water and Wastewater Utilities

ENVIRONMENT, CLIMATE CHANGE, WATER & SANITATION

Code	Knowledge domain
C-ECW 05	Waste Management and Circular Economy
C-ECW 06	Earth Retaining Structures
C-ECW 07	Geological Risks of Slopes and Unstable Slopes
C-ECW 08	Numerical Modelling
C-ECW 09	Soil Stability and Calculations
C-ECW 10	Challenges of Climate Change
C-ECW 11	Climate Change: Carbon Capture and Storage
C-ECW 12	Eco-design for cities and suburbs
C-ECW 13	Sustainable and Inclusive Landscapes
C-ECW 14	Disaster Risk Reduction and Management
C-ECW 15	Aquaculture and Aquatic Resources Management in South and Southeast Asia
C-ECW 16	Integrated Coastal Zone Management 101 (ICZM 101)
C-ECW 17	Coastal Community and Sustainable Coastal Ecosystem Management
C-ECW 18	Development Program and Management Planning for Sustainable Marine, Coastal and Small Islands Resources
C-ECW 19	Community-Based Forest Management and REDD+
C-ECW 20	Community-Based Disaster Risk Reduction (CMBDRM)
C-ECW 21	Toxic and Hazardous Waste Management
C-ECW 22	Introduction to EIA and Environmental Auditing (EIA and Environmental Auditing 101)
C-ECW 23	Cleaner Production, Market Mechanisms and MRV for Industrial Processes

SOCIAL ENTREPRENEUR & ESG

Code	Knowledge domain
C-SEE 01	ESG and Climate Change
C-SEE 02	ESG and Sustainable Finance

ADVANCED LEADERSHIP PROGRAM (CALP)

Code	Knowledge domain
C-ALP 01	Digital Business Strategy & Transformation
C-ALP 02	Agile Thinking for Digital Transformation
C-ALP 03	Digital Marketing and Consumer Analytics
C-ALP 04	Managing Technology and Innovation
C-ALP 05	Corporate Finance
C-ALP 06	Change Management / People Management
C-ALP 07	Strategy and Corporate Sustainability
C-ALP 08	Marketing Management



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