



# AIT Extension Catalog 2021

Short Courses &  
Masterclasses



# AIT

Asian Institute of Technology

# Introduction



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

**Open courses** are led by AIT faculty members and designed in collaboration with AIT Extension's human resource development professionals.

**Masterclasses** are led and designed by AIT's technology partners.

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

AIT Extension provides a comprehensive range of human resource development services.

Please contact [extension@ait.ac.th](mailto:extension@ait.ac.th) for further information.

# Content

Introduction	<b>02</b>
Water, Environment Agriculture & Food Security	<b>05</b>
Climate Change & Disaster Risk Reduction	<b>06</b>
Energy Technology & Management	<b>07</b>
Frontier Technologies	<b>08</b>
Banking, Finance & Insurance	<b>09</b>
Human Capital Management	<b>10</b>
Project Management & Engineering	<b>11</b>
Education Development	<b>12</b>
Course Overview	<b>13</b>

Water,  
Environment,  
Agriculture  
& Food  
Security

Climate  
Change  
& Disaster  
Risk  
Reduction

Energy  
Technology &  
Management

Frontier  
Technologies

Banking,  
Finance  
& Insurance

Human  
Capital  
Management

Project  
Management  
& Engineering

Education  
Development



# Water, Environment Agriculture & Food Security

## WEA-01

Climate Smart Agriculture

02 - 06 August 2021

## WEA-02

Sustainable Agriculture, Agribusiness and Value Chain Management

02 - 13 August 2021

## WEA-03

Shrimp Farming 101

16 - 20 August 2021

## WEA-04

Advanced Shrimp Farming

16 - 27 August 2021

## WEA-05

Strategic Environmental Assessment and Environmental Auditing for Infrastructure Project

16 - 20 August 2021

## WEA-06

Sustainable and Smart Farming using Cutting Edge Technologies and ToT

13 - 17 September 2021

## WEA-07

Introduction to EIA and Environmental Auditing (or EIA and Environmental Auditing 101)

16 - 20 August 2021

## WEA-08

ICZM for Professionals and Managers

04 - 08 October 2021

## WEA-09

Introduction to Integrated Biofloc and Aquaponics System (Integrated Biofloc and Aquaponics System 101)

20 - 24 September 2021



# Climate Change & Disaster Risk Reduction

## CCD-01

Forest Carbon Accounting and Monitoring for REDD+ Activities

07 - 19 November 2021

## CCD-02

Assessment of Business Opportunities created by REDD+ Projects

15 - 26 November 2021

## CCD-03

Community Based Disaster Risk Reduction

06 - 17 September 2021

## CCD-04

Precision Farming and Climate Smart Agriculture

13 - 17 September 2021



# Energy Technology & Management

## ETM-01

Electric Vehicles Technology, Battery Storage and Development Barriers

16 - 20 August 2021

## ETM-02

Global Energy Mega Trends Affecting Policy, Planning and Regulatory Regimes

13 - 17 September 2021

## ETM-03

Energy Policy Impact Assessment

20 September - 01 October 2021

## ETM-04

Innovative Fiscal and Regulatory Incentives for Energy Efficiency and Renewable Energy

04 - 15 October 2021

## ETM-05

Carbon Markets and Climate Finance

18 - 29 October 2021

## ETM-06

Bioenergy for Sustainable Energy Transition

01 - 12 November 2021



# Frontier Technologies

## FT-01

Introduction to Artificial Intelligence

04 - 06 August 2021

## FT-02

Artificial Intelligence for Healthcare: Innovations, Emerging Opportunities and Challenges

01 - 05 November 2021

## FT-03

Safeguarding Organizations: Implementing Effective Measures through Cybersecurity

04 - 08 October 2021

## FT-04

Blockchain Application in Contract Management

23 - 27 August 2021

## FT-05

Water Resource Modeling Using Machine Learning

08 - 12 November 2021

## FT-06

AI in Agriculture and Food Supply

06 - 10 September 2021

## FT-07

Blockchain in Agriculture and Food Industry

11 - 15 November 2021

## FT-08

Data Analytics and Agriculture Intelligence

06 - 10 September 2021

## FT-09

Blockchain for Energy Management

16 - 20 August 2021

## FT-10

Agile Technology

13 - 17 December 2021

# Banking, Finance & Insurance

## **BFI-01**

CLMVT Professional Development in Nonlife Insurance

18 - 22 October 2021

## **BFI-02**

Zero to Mastering IFRS in General and Recent Topics

04 - 16 July 2021

## **BFI-03**

Finance for Non-Finance Managers in Asia

13 - 17 September 2021

## **BFI-04**

Practical Aspects in Reinsurance

06 - 10 September 2021

## **BFI-05**

Advanced Insurance Business Management

20 - 24 September 2021

## **BFI-06**

Insurance Risk Management

04 - 08 October 2021



# Human Capital Management

## HCM-01

Strategic Human Resource Management and Business Leadership

18 - 22 October 2021

## HCM-02

Managing Organizational Change: Integrating Agile for Transformation

22 - 26 November 2021

## HCM-03

Performance Management in the Public Sector

08 - 12 November 2021

## HCM-04

Leadership for Public Utility Managers

22 November - 03 December 2021

## HCM-05

Innovation in Corporate Culture – How to lead change in a VUCA Environment

06 - 10 December 2021

## HCM-06

Public Sector Financial Management & Good Governance

25 - 29 October 2021



# Project Management & Engineering

## PME-01

Project Monitoring and Impact Evaluation

22 - 26 November 2021

## PME-02

Management & Implementation of Development Projects

06 - 10 September 2021

## PME-03

Road Safety Audit

06 - 10 December 2021

## PME-04

Project Management for Engineers

01 - 12 December 2021

## PME-05

Road Safety and Traffic Management

29 November - 10 December 2021

## PME-06

Bridge Inspection and Monitoring

13 - 24 December 2021



# Education Development

## ED-01

Advanced Training of Trainers

03 - 14 May 2021

## ED-02

Technical and Vocational Education & Training

09 - 28 August 2021

## ED-03

Design and Development of Online Training, Development and Lifelong Learning

03 - 18 June 2021

## ED-04

Monitoring, Evaluation and Learning

17 - 28 May 2021

# Course Overview

## Water, Environment, Agriculture & Food Security

Course Code	Course title	Dates
WEA-01	Climate Smart Agriculture	02 - 06 August 2021
WEA-02	Sustainable Agriculture, Agribusiness and Value Chain Management	02 - 13 August 2021
WEA-03	Shrimp Farming 101	16 - 20 August 2021
WEA-04	Advanced Shrimp Farming	16 - 27 August 2021
WEA-05	Strategic Environmental Assessment and Environmental Auditing for Infrastructure Project	16 - 20 August 2021
WEA-06	Sustainable and Smart Farming using Cutting Edge Technologies and ToT	13 - 17 September 2021
WEA-07	Introduction to EIA and Environmental Auditing (or EIA and Environmental Auditing 101)	16 - 20 August 2021
WEA-08	ICZM for Professionals and Managers	04 - 08 October 2021
WEA-09	Introduction to Integrated Biofloc and Aquaponics System (Integrated Biofloc and Aquaponics System 101)	20 - 24 September 2021

## Climate Change & Disaster Risk Reduction

Course Code	Course title	Dates
CCD-01	Forest Carbon Accounting and Monitoring for REDD+ Activities	07 - 19 November 2021
CCD-02	Assessment of Business Opportunities created by REDD+ Projects	15 - 26 November 2021
CCD-03	Community Based Disaster Risk Reduction	06 - 17 November 2021
CCD-04	Precision Farming and Climate Smart Agriculture	13 - 17 September 2021

## Energy Technology & Management

Course Code	Course title	Dates
ETM-01	Electric Vehicles Technology, Battery Storage and Development Barriers	06 - 20 September 2021
ETM-02	Global Energy Mega Trends Affecting Policy, Planning and Regulatory Regimes	13 - 17 September 2021
ETM-03	Energy Policy Impact Assessment	20 September - 01 October 2021
ETM-04	Innovative Fiscal and Regulatory Incentives for Energy Efficiency and Renewable Energy	04 - 15 October 2021
ETM-05	Carbon Markets and Climate Finance	18 - 29 October 2021
ETM-06	Bioenergy for Sustainable Energy Transition	01 - 12 November 2021



## Frontier Technologies

Course Code	Course title	Dates
<b>FT-01</b>	Introduction to Artificial Intelligence	04 - 06 August 2021
<b>FT-02</b>	Artificial Intelligence for Healthcare: Innovations, Emerging Opportunities and Challenges	01 - 05 November 2021
<b>FT-03</b>	Safeguarding Organizations: Implementing Effective Measures through Cybersecurity	04 - 08 October 2021
<b>FT-04</b>	Blockchain Application in Contract Management	23 - 27 August 2021
<b>FT-05</b>	Water Resource Modeling Using Machine Learning	08 - 12 November 2021
<b>FT-06</b>	AI in Agriculture and Food Supply	06 - 10 September 2021
<b>FT-07</b>	Blockchain in Agriculture and Food Industry	11 - 15 November 2021
<b>FT-08</b>	Data Analytics and Agriculture Intelligence	06 - 10 September 2021
<b>FT-09</b>	Blockchain for Energy Management	16 - 20 August 2021
<b>FT-09</b>	Agile Technology	13 - 17 Decemeber 2021

## Banking, Finance & Insurance

Course Code	Course title	Dates
<b>BFI-01</b>	CLMVT Professional Development in Nonlife Insurance	18 - 22 October 2021
<b>BFI-02</b>	Zero to Mastering IFRS in General and Recent Topics	04 - 16 July 2021
<b>BFI-03</b>	Finance for Non-Finance Managers in Asia	13 - 17 September 2021
<b>BFI-04</b>	Practical Aspects in Reinsurance	06 - 10 September 2021
<b>BFI-05</b>	Advanced Insurance Business Management	20 - 24 September 2021
<b>BFI-06</b>	Insurance Risk Management	04 - 08 October 2021

## Human Capital Management

Course Code	Course title	Dates
<b>HCM-01</b>	Strategic Human Resource Management and Business Leadership	18 - 22 October 2021
<b>HCM-02</b>	Managing Organizational Change: Integrating Agile for Transformation	22 - 26 November 2021
<b>HCM-03</b>	Performance Management in the Public Sector	08 - 12 November 2021
<b>HCM-04</b>	Leadership for Public Utility Managers	22 November - 03 December 2021
<b>HCM-05</b>	Innovation in Corporate Culture – How to lead change in a VUCA Environment	06 - 10 December 2021
<b>HCM-06</b>	Public Sector Financial Management & Good Governance	25 - 29 October 2021

## Project Management & Engineering

Course Code	Course title	Dates
PME-01	Project Monitoring and Impact Evaluation	22 - 26 November 2021
PME-02	Management & Implementation of Development Projects	06 - 10 September 2021
PME-03	Road Safety Audit	06 - 10 December 2021
PME-04	Project Management for Engineers	01 - 12 December 2021
PME-05	Road Safety and Traffic Management	29 November - 10 December 2021
PME-06	Bridge Inspection and Monitoring	13 - 24 December 2021

## Education Development

Course Code	Course title	Dates
ED-01	Advanced Training of Trainers	03 - 14 May 2021
ED-02	Technical and Vocational Education & Training	09 - 28 August 2021
ED-03	Design and Development of Online Training, Development and Lifelong Learning	03 - 18 June 2021
ED-04	Monitoring, Evaluation and Learning	17 - 28 May 2021



**AIT**  
Asian Institute of Technology

+66 2524-5338, 6333

+66 2524-6332

extension@ait.ac.th

Follow us at



[www.extension.ait.ac.th](http://www.extension.ait.ac.th)