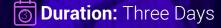# Emerging Technologies for Business Transformation

Leverage Emerging Digital Technologies To Lead Your Business Into The Digital Economy

Key Learning Outcomes:

1. **Study** the concepts, techniques, and models of: Digitalisation, Data Science, Data Analytics, Machine Learning, Deep Learning, Algorithms – and how all are related

2. **Understand** the Gartner Hype Cycle for Emerging Technologies and monitoring the technologies (from Innovation Trigger to Plateau of Productivity)

3. **Explore** the value of using Big Data technologies, 5G, Cloud Computing and Cybersecurity

4. **Explore** Artificial Intelligence (AI) and Internet of Things (IoT), and their impact on business and social life

5. **Establish** a thorough understanding of how Blockchain is changing the world and its applications in various industries

Duration: Three Days

DUBAI, UAE OR ATTEND REMOTELY
For the latest Open Enrollment Schedule, please click here

A HYFLEX Course – A Training Solution That Gives You The Freedom To Choose Your Learning Environment

COURSE INFORMATION

COURSE OVERVIEW

Advancements in technology have resulted in immense improvements in computational power across nearly all electronic devices and enhanced capabilities in connecting the dots in an increasingly networked society. The Fourth Industrial Revolution (4IR) which encompasses disruptive technologies and environments is changing the way we live and work!

Technologies nowadays induce governments and businesses to transform their business models, processes, and operations. Lagging behind would risk long-term survival strategies...

This insightful bootcamp is designed to engage attendees in a unique experience exploring future technologies as part of the 4IR, their history, their application, and their impact on people, societies, and businesses. Attendees will learn about these technologies and examine how they can support their business and potentially how to commercially benefit from the rise of these technologies.

The bootcamp is full of ideas and stimulating discussions of how technologies are helping people, societies, and governments, and how they are benefiting from these technologies...

The course will shed light on mature technologies that have been used to enable businesses and people, and will also cover future technologies and concepts that are in experimental stages or specifically adopted in the following areas:

- Digital Experience
- Applied Analytics
- Blockchain
- Enabling Platforms and Technologies
- Everything Autonomous
- Everything Smart
- Cyber Securit

At the end of this journey, you are expected to understand each domain concept, challenges, applications, business value chain impact, and the practical tips and guidance on the next steps towards utilising these domains.

WHO SHOULD ATTEND

This bootcamp is designed and tailored for:

- Anyone interested in knowing about future technologies and emerging technologies, their applications, usefulness, and how to utilise such a tremendous technological spike for business disruption, growth, and innovation
- Those who are currently involved in the application of technology advancement to develop and improve products/services in their organisation
- Government leaders, entrepreneurs, business leaders and technology enthusiasts who are looking for a competitive edge or gaining a "first mover" advantage in one or many technological practices
- IT / Digital Professional
- Other non-IT/digital professionals who are interested in learning about future technologies and their applications.

COURSE COMPETENCIES

- The Fourth Industrial Revolution
- Future Technologies – Emerging Technologies
- Technology Hype Cycle
- Smart Governments and Smart Cities
- Digital Economy
- Business Models for Technology
- Digital Experience
- Applied Analytics
- Blockchain
- Enabling Platforms and Technologies
- Everything Autonomous
- Everything Smart
- Cyber Security

LEARNING STYLE

The delivery of this course encompasses interactive topic overviews, discussions, and workshops. The course also includes many real-life cases and experiences on how to utilise such a tremendous technological spike for business disruption, growth, and innovation...

REQUIREMENTS & CERTIFICATES

Delegates must meet two criteria to be eligible for an Informa Certificate of Completion for a course:

- Satisfactory attendance – delegates must attend all sessions of the course. Delegates who miss more than 2 hours of the course sessions will not be eligible to sit the course exam
- Successful completion of the course assessment.

Delegates who do not meet these criteria will receive an Informa Certificate of Attendance. If delegates have not attended all sessions, the Certificate will clearly state the number of hours attended.

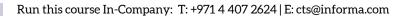Earn your Digital Certification and broadcast your achievement to your peers

CERTIFIED
EXECUTIVE EDUCATION : DIGITAL CREDENTIALS
informa

SKILLS
EXECUTIVE EDUCATION : DIGITAL CREDENTIALS
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KNOWLEDGE
EXECUTIVE EDUCATION : DIGITAL CREDENTIALS
informa

COURSE OUTLINE

Course Timings: The course will commence at 09:30 and end at 16:30 GST (GMT+4). There will be short refreshment breaks and a one hour lunch break at 12:45.

DAY ONE

Transformation and the Fourth Industrial Revolution
- Explore Emerging and Future Technologies
- Understand The 4th Industrial Revolution and its impact on economies, businesses, and people
- The new paradigm shift in Digitalization and Digital Economy
- Understanding Opportunities and Threats
- Drivers, Enablers, and Challenges
- Disruptive Trends and Themes

Digital Experience is The New Norm
- The digital experience concept
- The Internet of Things (IoT) and The Internet of Everything (IoE)
  - Definition, Concepts and Drivers
  - Internet, Things, and IoT
  - Connected World: Benefits, Opportunities, Threats and Challenges
  - IoT Types, History and Evolution
  - Future Predictions
  - Value Creation in IoT and IoE
  - The revolutionary relevance
  - Applied Personification
  - Ethical Considerations, Legal and Regulatory Constraints
  - The future of Personification

Everything Autonomous and the new age of computing power
- Autonomous Computing
- Autonomous Services and Devices
- Challenges, Opportunities and Threats
- Application of Autonomous Practices
- Value Creation in Everything Autonomous

Workshop: *The Ideation process, thinking innovatively about business disruption enabled by technology*

DAY TWO

Capitalizing on Data, Analytics, and AI
- The Applied Analytics concept
- Big Data, Data Analytics and Data Science
  - Definition and linking all the concepts
  - Applied Data Analytics
  - Use cases with other concepts like AI
- Machine Learning and Deep Learning
  - Machine Learning and Deep Learning Concepts
  - The Algorithmic Difference
  - Machine Learning and AI
  - Successful AI and Machine Learning Use Cases
- Artificial Intelligence, the past, the present and the future
  - AI Concept
  - Where does it all start?
  - AI Skills and Traits
  - Value Creation in AI
- Business impact and commercialization utilizing Applied Analytics

Securing Transactions and the Blockchain
- The Blockchain Concept
- Types of Blockchain
- Current Trends and Future Outlook of Blockchain
- Constraints, Assumptions, and Regulations
- Blockchain in Action
- Successful Blockchain Use-Cases
- Blockchain Spaces and Platforms
- Value Creation in Blockchain

Workshop: *Evaluation of applicability and fitment of new innovations in your field*

DAY THREE

Enabling Platforms and Technologies
- Enabling Platforms and Technologies Concepts
- Cloud Computing
  - Cloud Concept
  - Cloud Computing and Types
  - Business Benefits and Challenges of Cloud
- 5G
  - Telecommunication Advancement and Evolution of Networks
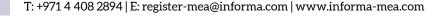 - Potential of 5G and beyond
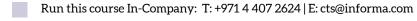 - Possibilities and Realities

Everything Smart
- Smart Devices and Platforms
- Smart Cities
  - The emergence of smarter cities
  - Endless Applications for Smarter Living
  - Benefit and Value Creation behind Smart Cities
- Smart Government
  - The evolution of Electronic Services
  - E-Government and Smart Government
  - Successful Examples of Smart Government
  - Open Data and E-Participation

Cyber Security
- The Dark Side of Technological Advancement
- Building your awareness around Cyber Security
- Threats to People, Companies and Governments

Workshop: *Understanding the Hype and Thinking into the Future!*

EXPLORE THE NEXT GENERATION OF CORPORATE TRAINING WITH INFORMA'S HYFLEX LEARNING SOLUTION

WHAT IS HYFLEX?

HyFlex brings together the best of both worlds to give you the choice to attend our world-renowned courses either In-Person or Remotely

Informa HyFlex is an instructional model that combines face-to-face and remote learning, giving learners the option of attending sessions either In-Person* or synchronously Online.

Bridging the gap between In-Person and Remote Learning
The model provides rich face-to-face experience for In-Person attendees and promotes meaningful engagement for Remote learners at the same time. Our trainers are skilled at addressing two audiences simultaneously, ensuring you are engaged in the content and activities whether you are in the training room or attending remotely.

High-quality engagement

- Three-way communication and engagement between the facilitator, In-Person learners and Remote learners

- The course content is modularised to make learning conducive to In-Person and Remote learners

- Both In-Person and Remote learners will collaborate on activities, exercises, and case studies using the learning platform and other interactive tools like Mentimeter and Mural

*For Informa's approach to enhanced health and safety standards for In-Person learners, please refer to the last page.

Emerging Technologies for Business Transformation

HYFLEX COURSE FEE		
COURSE	ATTEND IN-PERSON	ATTEND REMOTELY
Emerging Technologies for Business Transformation	US$ 4,445	US$ 2,600

Pricing excludes 5% VAT, charged where applicable.

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ABOUT INFORMA ALLSECURE

Informa AllSecure is Informa's approach to enhanced health and safety standards at our events following COVID-19. From trainers to delegates, speakers, visitors and journalists, those who come to our events come to connect, learn, know more and do more business, effectively and safely.

The standards and practices that make up Informa AllSecure are designed to provide confidence that at this event, we are striving to provide the highest standards of safety, hygiene, cleanliness and quality.

Read more about it here: www.informa-mea.com/allsecure/

ABOUT PRICING AND DOCUMENTATION

Pricing excludes 5% VAT, charged where applicable.

Course fees include documentation, luncheon and refreshments for in-person learners. Delegates who attend all sessions and successfully complete the assessment, will receive a Informa Certificate of Completion. A hard copy will be provided to in-person learners and a soft-copy will be provided to virtual learners.

AVOID VISA DELAYS – BOOK NOW

Delegates requiring visas should contact the hotel they wish to stay at directly, as soon as possible.

Visas for non-GCC nationals may take several weeks to process.

REGISTRATION, PAYMENTS AND CANCELLATION

All registrations are subject to our terms and conditions which are available at www.informa- mea.com/terms. Please read them as they include important information. By submitting your registration, you agree to be bound by the terms and conditions in full. All registrations are subject to acceptance by Informa Connect which will be confirmed to you in writing.

A confirmation letter and invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the course. Only those delegates whose fees have been paid in full will be admitted to the course.

For full cancellation details, please visit www.informa-mea.com/terms

All cancellations must be sent by email to register-mea@informa.com marked for the attention of Customer Services Cancellation. Due to unforeseen circumstances, Informa Connect reserves the right to cancel the course, change the programme, alter the venue, speaker or topics. For full details, please visit www.informa-mea.com