Technology Leadership Program (Online) - Program Topics
The Technology Leadership program curriculum covers the following topics:

Module 1 | Overview of Digital Transformation
In this opening module, you will get an overview of digital innovations. You will learn about various applications of digital strategies successfully adopted by global brands, and contemplate which strategies might prove most effective in your organization.

Module 2 | Identifying Opportunities for Action
In this module, you will discover how data can drive effective decision-making, through case studies from industries such as advertising, retail, and healthcare. You will see examples of techniques like A/B testing, network analysis, and pre/post testing being employed to deliver business outcomes and learn to identify opportunities for action in your own business.

Module 3 | Data as an Asset
This module will dive deeper into data by covering the three main categories of analytics – descriptive, predictive, and prescriptive analytics. You will identify the opportunities and limitations of data integration. You will learn concepts like data sourcing, data architecture and storage, and data analytics, which come together to form a holistic data strategy for your organization.

Module 4 | Process Innovation
Understand the root causes of problems in your current processes through the integration of quantitative and qualitative methods. Envision digitally enabled transformations to your processes and identify the metrics for the success of such innovations.

Module 5 | Digital Platforms and Networks
Digital technologies have created more opportunities for organizing complex markets. Understand the impact of digital transformation on business models. Assess digital products against platforms and multi-sided markets.

Module 6 | Organization’s Role in Digital Strategy
The right organizational structure can be instrumental in the success of your digital transformation efforts. Assess the organizational design choices that affect an organization’s capacity for digital transformation.

Module 7 | Data Usage Regulations and Privacy Concerns
With the rapidly increasing usage of data and the accompanying concerns around privacy violations, data collection regulations have come to the forefront. Explore the ethical issues surrounding the use of personal data and how to navigate data regulations.

*Please note that the sample schedule is subject to change*
Technology Leadership Program (Online)– Program Topics

The Technology Leadership program curriculum covers the following topics:

Module 8| Future of Digital Technologies
This module will explore recent trends in digital technologies and what opportunities the future might bring. Summarize your learnings from previous modules start compiling your building blocks for your capstone project.

Module 9| Explore Artificial Intelligence in Digital Transformation
In this module, you will explore the various applications of AI in business and the opportunities being created by advances in AI. Understand what AI is capable of and identify possibilities of implementing AI-driven solutions in your business.

Module 10| AI Implementation Techniques
This module will equip you with a basic understanding of neural networks and deep learning. You will learn to evaluate the business factors involved in the implementation of such techniques as data acquisition, training objectives, and performance assessment.

Module 11| Computer Vision & Natural Language Processing
AI has enabled the automation of complex tasks through applications such as autonomous driving, and chatbots. Explore the challenges and opportunities presented by the underlying technologies: Computer Vision and Natural Language Processing.

Module 12| Robotics and Reinforcement Learning
Understand the nuances of RL and the practical considerations for RL to succeed. Explore the applications of robotics and evaluate the reliability that is required for a robot to create value.

Module 13| AI Implementation for Your Business
Formulate a strategy for the implementation of AI in your organization. Learn from failed AI implementations and assess the value of AI-driven applications using the 4Cs framework.

Module 14| Leading an AI-driven Transformation in Your Organization
People and organizations play an important role in implementing your AI strategy. In this module, you will uncover how to empower your organization to undergo this transformation through a case study.

Module 15| AI: Upcoming Trends and Considerations
Acknowledge the moral and ethical concerns associated with the use of intelligent machines and algorithmic decision-making. Explore what the future of AI might look like—including human-machine touchpoints, and augmented intelligence. Reflect on how AI plays a role in your digital transformation.

*Please note that the sample schedule is subject to change*
Technology Leadership Program (Online) – Program Topics
The Technology Leadership program curriculum covers the following topics:

Module 16 | Fintech in the Digital Age
Understand how the evolution of technological innovations led to the creation of immense opportunities in fintech. Explore the fintech landscape and the factors driving its growth.

Module 17 | Disruptive Applications of Fintech
Identify the disruptive products that transformed the banking and financial sectors. Articulate the major trends in fintech and new opportunities to explore those trends.

Module 18 | Blockchain and Cryptocurrencies
Explore distributed ledger, blockchain, and cryptocurrencies, and understand their applications in financial products and services. Look at network effects to understand how they affect factors such as competition, profitability, and pricing, and propose strategies to generate network effects in fintech.

Module 19 | Fintech Entrepreneurship
Drive a fintech idea to execution by applying the Business Model Canvas. This module will cover all the steps including valuation, raising capital, and implementation planning.

Module 20 | Capstone
In this final module, you will create a pitch deck for a digital transformation that offers a solution to a problem that you have identified at your organization. As part of this proposal, you will also address the change management piece and how you would ensure a successful rollout.

*Please note that the sample schedule is subject to change*