DIGITAL TRANSFORMATION

Course Overview

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1. Course Overview

Headings	Details
Course Code	ENT-DTN
Product Title (Internal)	Digital Transformation
Course Title (External)	NA
Learning Mode	Full-time/ Part-time
Delivery Mode	Synchronous & Asynchronous E-learning
Target Persona	• Enterprises who would like to send their employees to gain Digital Transformation skills. • Enterprises who would like to hire fresh candidates and send them for training to acquire Digital Transformation skills.
Entry-Prerequisites	• Academic: Minimum one credit in N Level or its equivalent • English Proficiency – Minimum IELTS 5.5 or its equivalent • Age – Minimum 21 years • Work Experience – Not mandatory
SSG Course Reference No	NA
Course Validity Date	NA
Course Developer	Lithan Academy
Relevant Job roles after completion of the course	Digital Transformation Consultant

2. Course Brief

This course on Digital Transformation offers learners exciting job prospects, diverse job roles, and abundant opportunities across various industries. In today's rapidly evolving digital landscape, organizations across industries are seeking professionals who can drive digital transformation initiatives and help them stay competitive. Graduates of this course can pursue careers as digital transformation consultants, innovation managers, business analysts, or project managers in both established companies and startups. With their comprehensive understanding of digital technologies, business model innovation, and workforce readiness, learners will be well-equipped to make a significant impact in the digital transformation journey of organizations, ensuring future success in the dynamic job market.

The course consists of two modules designed to provide learners with a holistic understanding of digital transformation and equip them with practical skills to navigate complex digital transformation projects. In the module on Digital Transformation, learners will explore the fundamentals of innovative venture creation, understanding how to identify market opportunities and develop strategies for successful digital ventures. They will gain insights into business model innovation, learning how to leverage technology and data to create value for customers and drive organizational growth. By examining real-world case studies and best practices, learners will develop a deep understanding of the digital technologies and tools that enable transformative change in organizations. The module also focusses on building a Future Ready Workforce which will focus on the crucial aspect of preparing employees for the digital age. Learners will explore strategies to enhance digital literacy, foster a culture of innovation, and empower employees to embrace digital tools and technologies. They will learn how to design and implement work-integrated digital skilling programs that address the specific needs of their organization, ensuring that the workforce remains adaptable and competitive in the face of digital disruption.

The second module in this course is the Digital Transformation Capstone module, where learners will apply their knowledge and skills to develop a comprehensive Digital Transformation Plan. This plan will serve as a guide for organizations seeking to embark on their digitization journey. Learners will learn how to assess an organization's current state, define desired outcomes, and develop a project roadmap that aligns with strategic objectives. Additionally, they will gain insights into designing skilling initiatives to build a capable digital workforce and establish an execution plan that ensures successful implementation.

By completing this course, learners will acquire the necessary expertise to drive digital transformation initiatives and lead organizations into the future. They will be equipped with the knowledge of innovative venture creation, business model innovation, digital technologies, workforce readiness, and work-integrated digital skilling. With these skills, graduates will be well-prepared to guide organizations through the complexities of digital transformation, fostering growth, competitiveness, and long-term success.

3. Course KSA Summary

Knowledge Statements:

- Analyze business models and their opportunities in the context of digital transformation.
- Evaluate and apply business model innovation strategies to drive organizational growth and adaptation.
- Identify and assess digital technologies and best practices relevant to successful digital transformation initiatives.
- Recognize the skills and capabilities required to build a future-ready workforce in a digital environment.
- Apply work-integrated digital skilling techniques to enhance digital competencies in practical scenarios.

Skills Statements:

- Apply business model innovation techniques to drive value creation and competitive advantage by integrating digital transformation principles.
- Design and implement business model innovations that leverage digital technologies for competitive advantage.
- Utilize digital tools and best practices to optimize organizational processes and workflows.
- Foster a future-ready workforce through the cultivation of digital fluency and adaptability.
- Demonstrate practical application of digital skills through work-integrated learning experiences.

Ability Statement: Strategically develop a comprehensive Digital Transformation Plan that guides an organization's digitization strategy, incorporating skilling, project roadmap, desired outcomes, and execution plan.

4. Course Summary

4.1 Module-Session Details

Sl No	Module Names	Module Code	E-Learning (Async)	Flipped Class (Sync)	Mentoring Support			Assessment (Sync)	Total Hours
					Assignment Sync	Project Planning Sync	Project Imple Async		
1	WSQ Digital Transformation (SF)	ENT-DTB	12	12	12	12	12	0.5	60.5
2	WSQ Capstone Project Digital Transformation (SF)	ENT-DTC	0	12	0	24	24	0.5	60.5
	TOTAL		**12**	**24**	**12**	**36**	**36**	**1**	**121**

4.2 Learning Mode & Duration

Learning Mode	Course Duration	Guided Learning Hours	Hours/Week	days/Week	Hours/Day
Full-time	4 weeks	120 hours	30 hours/week	4 days/week	8 hours/day
Part-time	17 weeks (7 weeks, 10 weeks)	120 hours	6 hours/week	3 days/week	2 hours/day

5. Module Details – Digital Transformation

5.1 Module Brief

The "Digital Transformation" module provides learners with the necessary knowledge and skills to navigate the ever-changing landscape of digital businesses. Through a series of learning units (IUs), learners will gain expertise in areas such as innovative venture creation, business model innovation, digital technology and best practices, future-ready workforce development, and work-integrated digital skilling. These units equip learners with the tools to identify opportunities, drive innovation, leverage digital technologies effectively, and develop a workforce capable of adapting to the digital era.

In the module projects, learners will apply their acquired knowledge and skills to develop a comprehensive Digital Transformation Plan. This plan serves as a strategic guide for organizations seeking to undergo digital transformation, encompassing crucial elements such as digital skilling, project roadmap, desired outcomes, and execution plans. By the end of the module, learners will possess the ability to analyze existing business models, identify innovative opportunities, and create a roadmap for successful digital transformation within their organizations. They will be equipped with the necessary skills to drive growth, competitiveness, and resilience in the digital age, enabling them to thrive in an increasingly digital and interconnected world.

Instructional Units:
1. Innovative Venture Creation
2. Business Model Innovation
3. Digital Technology & Best Practices
4. Future Ready Workforce
5. Work-Integrated Digital Skilling

Module Project:

Project Objective: Develop a comprehensive Digital Transformation Plan to guide the organization's digitization strategy, including skilling, project roadmap, desired outcomes, and execution plan.

Project Tasks:

1. Digital Transformation Planning
2. Develop Digital Skilling Plan
3. Develop Digitalization Projects Roadmap
4. Formulate Digital Transformation Outcome
5. Develop Digital Transformation Plan

5.2 Module Session Plan

Session No#	Session Type	Day no#	Duration Hrs
1	E-Learning on IU 1	1	2
2	Flipped Class on IU 1	1	2
3	Mentoring Support - Assignment on IU 1	2	2
4	E-Learning on IU 2	3	2
5	Flipped Class on IU 2	3	2
6	Mentoring Support - Assignment on IU 2	4	2
7	E-Learning on IU 3	5	2
8	Flipped Class on IU 3	5	2
9	Mentoring Support - Assignment on IU 3	6	2
10	E-Learning on IU 4	7	2
11	Flipped Class on IU 4	7	2
12	Mentoring Support - Assignment on IU 4	8	2
13	E-Learning on IU 5	9	2
14	Flipped Class on IU 5	9	2
15	Mentoring Support - Assignment on IU 5	10	2
16	E-Learning on IU 5	11	2
17	Flipped Class on IU 5	11	2
18	Mentoring Support - Assignment on IU 5	12	2
19	Mentoring Support – Project Planning -1	13	2
20	Mentoring Support – Projects Implementation 1	14	2
21	Mentoring Support – Project Planning -2	15	2
22	Mentoring Support – Projects Implementation 2	16	2
23	Mentoring Support – Project Planning -3	17	2
24	Mentoring Support – Projects Implementation 3	18	2
25	Mentoring Support – Project Planning -4	19	2
26	Mentoring Support – Projects Implementation 4	20	2
27	Mentoring Support – Project Planning -5	21	2
28	Mentoring Support – Projects Implementation 5	22	2
29	Mentoring Support – Project Planning -6	23	2
30	Mentoring Support – Projects Implementation 6	24	2
31	Summative Assessment (per learner)	25	30 min

6. Module Details – Capstone Project -Digital Transformation

6.1 Module Brief

The "Digital Transformation Capstone" module equips learners with essential knowledge and skills through a range of project tasks. By engaging in activities such as developing business plans for innovative ventures, analyzing and redesigning business models, and implementing digital marketing strategies, learners will attain expertise in driving digital transformations and adapting to evolving consumer behaviors.

Throughout this module, learners will cultivate the ability to create comprehensive digital transformation strategies for traditional businesses, facilitating a successful transition into the digital realm. They will explore emerging technologies such as artificial intelligence, automation, blockchain, and the Internet of Things (IoT) to optimize business operations, enhance productivity, and identify innovation opportunities. The module emphasizes the importance of sustainable and socially responsible business models, integrating environmental and social considerations. Learners will investigate the potential of virtual and augmented reality technologies to enhance product design, customer experiences, and employee training. By conducting market analyses and feasibility studies, learners will sharpen their skills in identifying target markets, assessing market potential, and developing strategies for successful digital product or service launches. Ultimately, learners will emerge from this module equipped with the necessary abilities to drive digital transformations, leverage emerging technologies, and lead organizations towards a prosperous digital future.

Instructional Units:
1. Identify product, User Persona
2. User stories, product backlog
3. Sprint planning
4. User requirements
5. Project Design & Architecture
6. Project planning

Module Project:

Project Objective: Develop a complete Digital Transformation Plan to guide the organization's digitization strategy, including skilling, project roadmap, desired outcomes, and execution plan.

Project Tasks:

1. Developing a business plan for a new innovative venture in a specific industry or market segment.
2. Analyzing and redesigning the business model of an existing company to adapt to digital disruptions and changing consumer behaviors.
3. Implementing digital marketing strategies and leveraging emerging technologies for customer acquisition and retention.
4. Creating a comprehensive digital transformation strategy for a traditional business to transition into the digital space.

5. Designing a future-ready workforce development program that combines traditional training methods with digital skilling initiatives.
6. Exploring the potential of artificial intelligence and automation in optimizing business operations and increasing productivity.
7. Evaluating the impact of emerging technologies, such as blockchain or Internet of Things (IoT), on specific industries and identifying opportunities for innovation.
8. Developing a sustainable and socially responsible business model that integrates environmental and social considerations.
9. Investigating the potential of virtual and augmented reality technologies in enhancing product design, customer experiences, or employee training.

6.2 Module Session Plan

Session No#	Session Type	Day no#	Duration Hrs
1	Flipped Class on IU 1	1	2
2	Flipped Class on IU 2	2	2
3	Flipped Class on IU 3	3	2
4	Flipped Class on IU 4	4	2
5	Flipped Class on IU 5	5	2
6	Flipped Class on IU 6	6	2
7	Mentoring Support – Project Planning -1	7	2
8	Mentoring Support – Projects Implementation 1	8	2
9	Mentoring Support – Project Planning -2	9	2
10	Mentoring Support – Projects Implementation 2	10	2
11	Mentoring Support – Project Planning -3	11	2
12	Mentoring Support – Projects Implementation 3	12	2
13	Mentoring Support – Project Planning -4	13	2
14	Mentoring Support – Projects Implementation 4	14	2
15	Mentoring Support – Project Planning -5	15	2
16	Mentoring Support – Projects Implementation 5	16	2
17	Mentoring Support – Project Planning -6	17	2
18	Mentoring Support – Projects Implementation 6	18	2
19	Mentoring Support – Project Planning -7	19	2
20	Mentoring Support – Projects Implementation 7	20	2
21	Mentoring Support – Project Planning -8	21	2
22	Mentoring Support – Projects Implementation 8	22	2
23	Mentoring Support – Project Planning -9	23	2
24	Mentoring Support – Projects Implementation 9	24	2
25	Mentoring Support – Project Planning -10	25	2
26	Mentoring Support – Projects Implementation 10	26	2
27	Mentoring Support – Project Planning -11	27	2
28	Mentoring Support – Projects Implementation 11	28	2
29	Mentoring Support – Project Planning -12	29	2
30	Mentoring Support – Projects Implementation 12	30	2
31	Summative Assessment (per learner)	31	30 min

7. Credentials

7.1 Credentials

Name of the Credentials	Details
Academic Qualification	NIL
EduCLaaS Job Role Certification	Digital Transformation Consultant
Industry Skills Certification	NA
Statement of Attainment	Digital Transformation • ICT-SNA-3011-1.1: Emerging Technology Synthesis Digital Transformation - Capstone Project • ICT-PIN-4016-1.1: Process Improvement and Optimisation