XPMC™

Experiential Microcredentials
Adding Experience to Education

Power your career
with Agile project experience
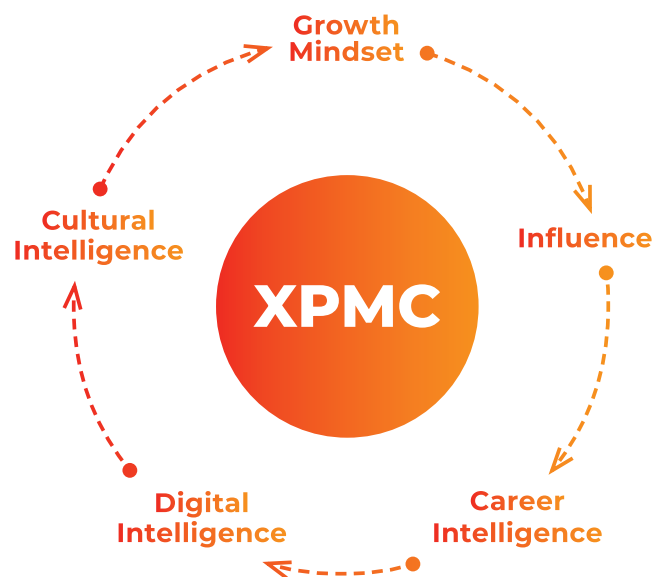
Digital Finance: Credit Analysis
Cybersecurity: Ransomware

Employability.life
Designing successful digital careers

Talent incubator for the digital economy

We are a global talent incubator operating within higher education institutions, preparing learners for the workplace by meeting employer requirements for the jobs most in demand.

XPMC: Experiential Microcredentials

XPMCs are Agile projects provided by industry experts. Learners are supported by project managers who will ensure that professional work is performed in a safe environment. Students also receive professional mentoring to identify personal strengths and develop five key digital economy capabilities: Growth Mindset, Influence, Career Intelligence, Digital Intelligence and Cultural Intelligence.

Employability.life has developed team-based projects focused on solving real-world problems. This solution has been designed around emerging skills areas most needed by employers.

Digital Finance

Cybersecurity

We are ISO9001 certified from inception and all certifications have been built to satisfy the external and regulatory standards of the host country.

All Employability.life certifications will be issued with blockchain-based credentials.

ISO
9001 : 2015
REGISTERED
Cert No. 374442021

Our XPMCs are backed by university partners, professional bodies and globally-recognised employers, and are built around three design principles:

Focus on tasks & deliverables, not time

Work in teams, not as individuals

Focus on specific skills within wider context

XPMC in Digital Finance
Project/job focus: Credit analysis

☑ Who is the customer for this project?

Customer / Product Owner: Anant Gupta,
Chartered Accountant, senior finance professional

☑ Who can join?

Commerce final year, MBA first year students
Strong Accounting & Finance background

☑ What is the team size? Group of five learners work under a project manager

☑ How does this project help?

This project aims to prepare learners to excel in 'Credit Analyst' roles in banks, Non Banking Financial Companies (NBFCs) and new digital finance companies.

Team projects will be based on assessing the debt/loan funding requirements of a company for new capital expenditure.

The team will do in-depth analysis of the sector and the individual company's financial performance (solvency, profitability & liquidity), assess project cash flows, and arrive at a loan decision and pricing, based on the bank's credit policy and guidelines.

☑ What is covered in this project?

Sprint	Deliverable	Assessment
Sprint 1 (Week 1 – 4)	Company & Industry analysis	Report by the team on company performance against industry benchmarks
Sprint 2 (Week 5 – 8)	Cash flow analysis & modelling	Team presentation on company cash flow & projection (using Excel modelling)
Sprint 3 (Week 9 – 12)	Credit decision making & rationale presentation	Report & presentation by the team with credit decision based on organisation policies

☑ What will the project look like?

Team Meeting

🕐 daily

Project Manager Meeting

🕐 once a week

Demo with Customer / Product Owner

🕐 once every two weeks

📍 **Final Presentation
at Talent Incubator**

☑ How to join?

Register your interest & receive more information:
www.employability.life/xpmc-registration

XPMC in Cybersecurity
Project/job focus: Ransomware

☑ Who is the customer for this project?

Customer / Product Owner: Vinit Sinha,
Director of Cyber Security, SME, APAC, Mastercard

☑ Who can join?

Engineering / cybersecurity third year students

☑ What is the team size? Group of five learners work under a project manager

☑ How does this project help?

This project aims to prepare Engineering students and other aspiring cybersecurity professionals on Ransomware Analysis and Detection. Working within the environment of a cybersecurity department, the teams will perform static and dynamic analysis of an identified ransomware, and will gain an understanding of the process for the reverse engineering of ransomware.

Experience of these processes will help learners gain skills in the most critical challenge faced by organisations in the fast-evolving digital era. The team will produce reports on their work and make their colleagues aware of potential vulnerabilities.

☑ What is covered in this project?

Sprint	Deliverable	Assessment
Sprint 1 (Week 1 – 4)	Static analysis of ransomware	Report by the team on ransomware code
Sprint 2 (Week 5 – 8)	Dynamic analysis of ransomware	Report & Presentation on system vulnerability
Sprint 3 (Week 9 – 12)	Reverse engineering	Demonstration by the team on ransomware prevention strategies

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Project Manager

- Ensures that the project teams are carrying out all necessary activities, meeting regularly, and following the correct methodology, and that member problems and queries are being resolved.
- Acts as guide to individual team members to identify their learning requirements and support them in developing necessary skills.

Customer / Product Owner

- The team will build a solution for designated customers/product owners who are experts in their respective fields.
- During bi-weekly meetings learners will receive feedback on their work and suggestions on improvements.

All learners will take an online personality test to identify their key strengths, which will help them develop their Personal Development Plan. A mentor will assist them in carrying out this plan and in improving their skills.

Individual mentoring

STRENGTHS FINDER ASSESSMENT

REPORT

MENTORING

· Result interpretation by trained coach (Initial)

· Personal Development Plan
· Reviewed with career mentor

Contact us to learn more

hello@employability.life

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