



higherLRN Syllabus – Early Career Program

Training Program Curriculum and Learning Outcomes

Program Overview

This "Early Career Program" is designed for individuals starting their professional journey in technology, engineering, or related fields. The course provides a broad foundation in essential skills, workplace readiness, and industry perspectives, preparing participants to succeed in academic, professional, or personal contexts.

Curriculum Structure

Course 1: Foundations for Early Career Success

- Introduction to Professional Skills
- Workplace Communication and Collaboration
- Time Management and Productivity
- Building a Growth Mindset

Course 2: Core Technical Concepts

- Overview of Technology Domains (IT, Engineering, Data, AI)
- Basic Digital Literacy and Tools
- Introduction to Problem Solving and Critical Thinking
- Project Management Essentials

Course 3: Industry Applications and Career Pathways

- Exploring Career Options in Technology
- Industry Sectors and Roles (Software, Networking, Data, Cybersecurity)
- Real-World Case Studies
- Guest Speakers and Career Panels

Course 4: Hands-On Practice and Projects

- Using Essential Workplace Tools (Email, Collaboration Platforms, Project Trackers)
- Building and Presenting a Mini Project

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- Teamwork and Peer Review
- Troubleshooting Common Workplace Challenges

Course 5: Responsible Practice and Professional Development

- Ethics and Professional Conduct
- Diversity, Equity, and Inclusion in Tech
- Workplace Safety and Compliance
- Networking and Mentorship

Course 6: Capstone Project and Review

- Group or Individual Project: Solve a Real-World Problem
- Presentation and Written Report
- Course Review and Q&A

Learning Outcomes

- Demonstrate foundational professional and technical skills for early career success
- Communicate and collaborate effectively in workplace settings
- Apply problem-solving and project management techniques
- Explore career pathways and industry sectors in technology
- Build and present a basic project using workplace tools
- Discuss ethical, social, and professional considerations in technology
- Develop a personal plan for ongoing professional growth

Assessment Methods

- Quizzes and Knowledge Checks (at the end of each module)
- Hands-on Assignments (practice with tools, mini-projects)
- Participation in Discussions (case studies, career panels)
- Final Capstone Project (presentation and written report)

Recommended Duration

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The program is designed to be delivered over 4-6 weeks, with one module per week, but can be adapted for intensive workshops or semester-long courses depending on learners' needs.

Target Audience

This course is suitable for high school students and early career professionals, or anyone seeking to build a strong foundation for success in technology-related fields.

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