

Smarter technology for all

AI for future workforce program

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Our Approach to AI in Education



**Transform Teaching
& Learning**



**Maximize
Efficiency**



**Protect Staff &
Student Users**

AI for Future Workforce



Target Audience : 16+ students from employability education institutions (e.g., Community Colleges, Vocational schools).

Pre-requisite: No coding experience required. Only foundational math & statistics skills.



Gain AI
technical
confidence

- Demystify AI and equip the future workforce with the technical confidence to learn and apply AI skills independently



Enhance
employability
for AI-related
jobs

- Build necessary technology, career growth and social skills on AI for jobs ahead



Produce
evidence for
employment

- Demonstrate solutions through AI projects capturing industrial or social impact

Objective

Empower future workforce with necessary AI skills for employability in the digital economy



Program Principles



AI domains: Statistical Data, Computer Vision, Natural Language Processing

Incorporating latest trends: Reinforcement Learning, Low / No code approach, Industrial use cases, Internet of Things, One API

Inclusiveness & Diversity:

Program is suited for students from all backgrounds and not just tech developers. Can be integrated in any vocational schools

Experiential & flexible content:

Focus on providing fun, age-appropriate, hands-on content suited for vocational audience

Hybrid learning for Hi tech – Hi touch delivery:

Mixing online – remote & classroom-based teaching learning methods

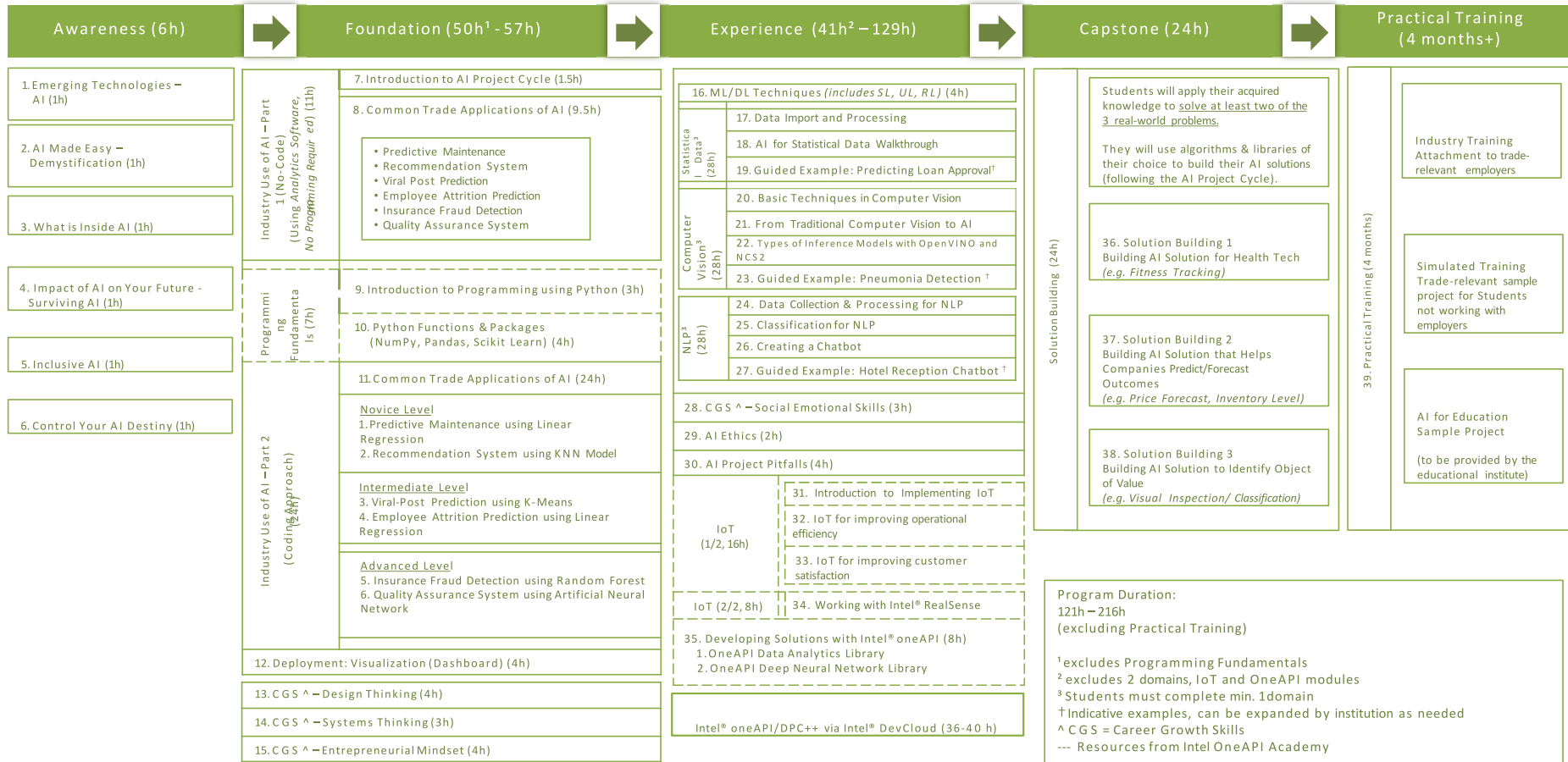
Industry 4.0 Power Skills mix:

Technical Skills + Social Skills + Career Growth Skills

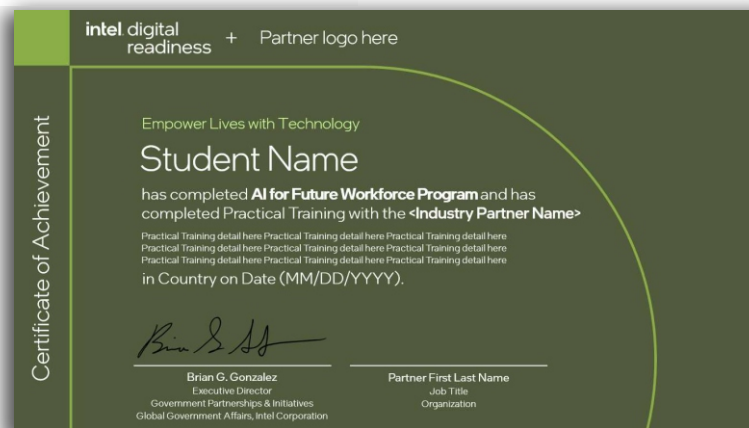
Show evidence of employability:

Outcomes in Capstone and Practical Training

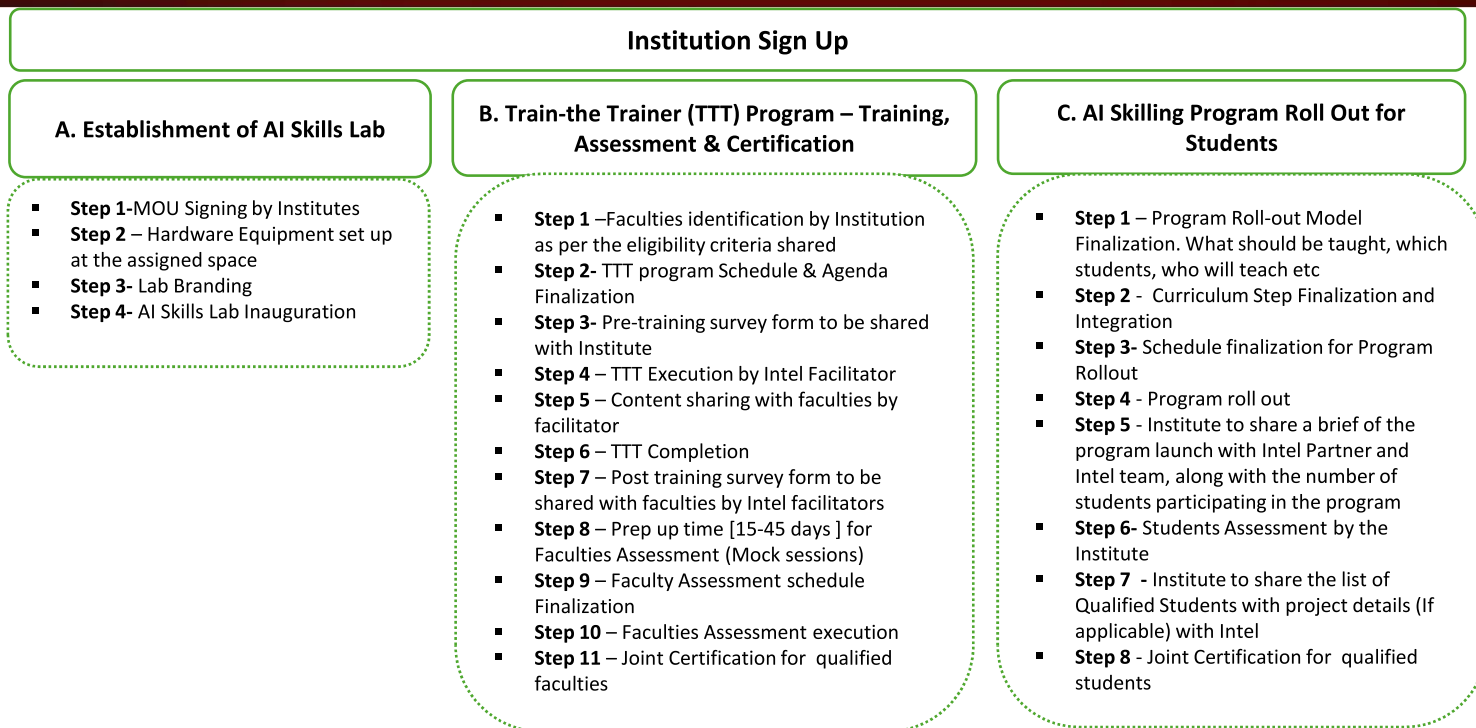
Module Summary



Joint Student Certification – 3 Levels



AI Skilling Program Implementation with Partner Institute



Lab Requirement

Workstation	Workstation TS P2_Tower_W680_ES_R	Quantity
OS	Win 11 Pro	40
Platform	Tower, 500W 92% Power Supply	
Motherboard	RPL-R W680	
Processor	14th Generation Intel® Core™ i9-14900 vPro® Processor (E-cores up to 4.30 GHz P-cores up to 5.40 GHz)	
Memory	32 GB DDR5-4400MT/s (UDIMM) QTY(2)	
Storage	No	
OB	OB M.2 SSD G4 1 TB SSD M.2 2280 PCIe Gen4 Performance TLC Opal QTY(1)	
Graphics	Nvidia 6 GB	
Keyboard	USB, Traditional, Black - English (IN)	
Mouse	USB Calliope Mouse (Black)	
Warranty	3 Year On-site	
Monitor	ThinkVision S22i-30 21.5 inch Monitor	
IFPD	86" IFPD with Camera and Mic	1
UPS	1 KVA	1
Printer	Connectivity Technology Wi-Fi, USB, Printing Technology Ink Tank, Network-Ready, Printer Output Colour	1
Branding		1

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