

# (intel) Al for future workforce program

# Our Approach to Al in Education







Transform Teaching & Learning

Maximize Efficiency

Protect Staff & Student Users

# intel digital readiness Al 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 Al

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



for AI-related

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



Produce evidence for

Demonstrate solutions through AI projects capturing industrial or social impact



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







# Program Principles



Al 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

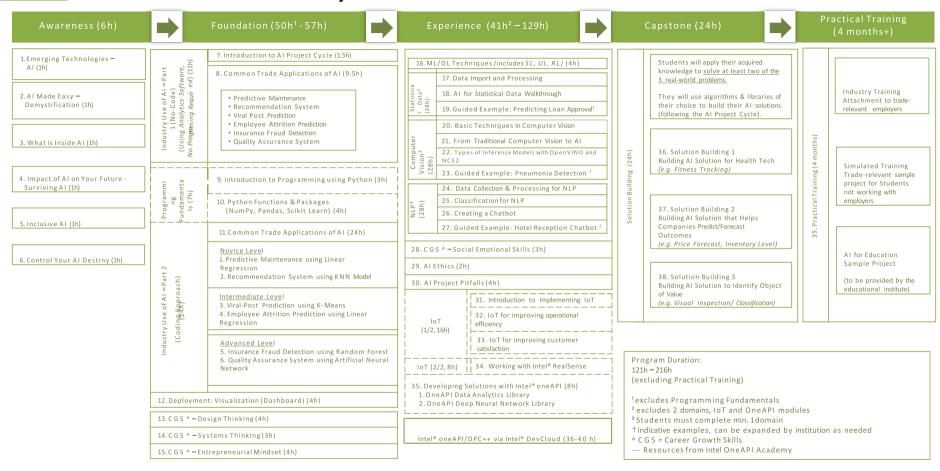
Show evidence of employability:

Outcomes in Capstone and Practical Training





# intel digital readiness Module Summary





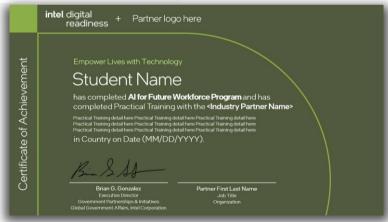




## Joint Student Certification – 3 Levels













# Al Skilling Program Implementation with Partner Institute

### **Institution Sign Up**

### A. Establishment of AI Skills Lab

- **Step 1-**MOU Signing by Institutes
- Step 2 Hardware Equipment set up at the assigned space
- Step 3- Lab Branding
- Step 4- AI Skills Lab Inauguration

### B. Train-the Trainer (TTT) Program – Training, Assessment & Certification

- Step 1 –Faculties identification by Institution as per the eligibility criteria shared
- Step 2- TTT program Schedule & Agenda Finalization
- Step 3- Pre-training survey form to be shared with Institute
- Step 4 TTT Execution by Intel Facilitator
- Step 5 Content sharing with faculties by facilitator
- Step 6 TTT Completion
- Step 7 Post training survey form to be shared with faculties by Intel facilitators
- Step 8 Prep up time [15-45 days] for Faculties Assessment (Mock sessions)
- Step 9 Faculty Assessment schedule Finalization
- Step 10 Faculties Assessment execution
- Step 11 Joint Certification for qualified faculties

### C. AI Skilling Program Roll Out for Students

- Step 1 Program Roll-out Model
   Finalization. What should be taught, which students, who will teach etc
- Step 2 Curriculum Step Finalization and Integration
- Step 3- Schedule finalization for Program Rollout
- Step 4 Program roll out
- Step 5 Institute to share a brief of the program launch with Intel Partner and Intel team, along with the number of students participating in the program
- Step 6- Students Assessment by the Institute
- Step 7 Institute to share the list of Qualified Students with project details (If applicable) with Intel
- Step 8 Joint Certification for qualified students







# Lab Requirement

Workstation	Workstation TS P2_Tower_W680_ES_R	Quantity
os	Win 11 Pro	
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	40
ОВ	OB M.2 SSD G4 1 TB SSD M.2 2280 PCIe Gen4 Performance TLC Opal QTY(1)	40
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



# **Smarter** technology for all

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