

Conecta Empleo GSA Spotlight

Saturday 3

Employability Programme Bonn, 25th of October 2022

Employability Programme





TRAINING

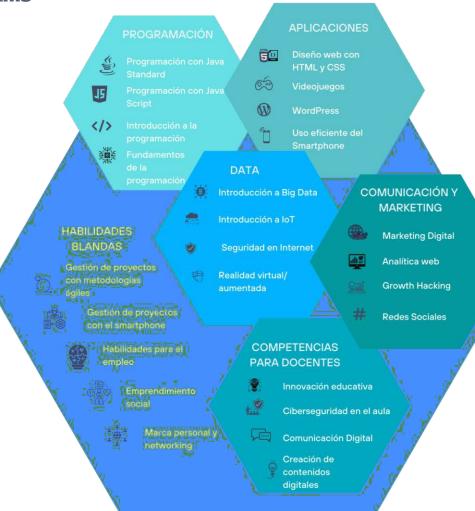
AI and Big Data tools for better informed decisions

Digital skills courses and training itineraries that match different digital profiles



Conecta Empleo - Training contents

Digital Skills



Productive sectors 4.0

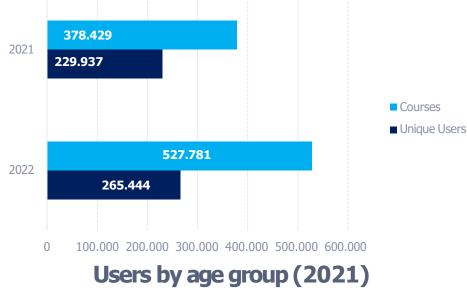


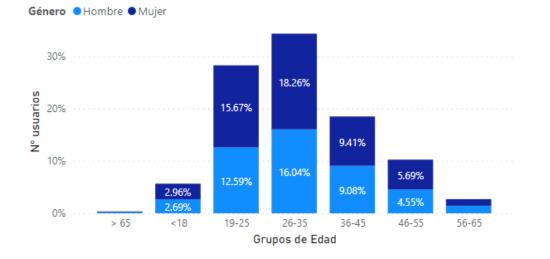




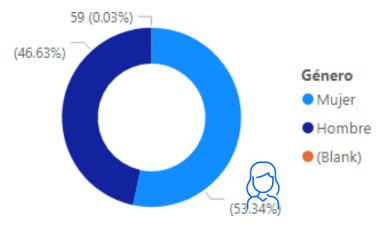
Conecta Empleo – usage and user profile

Users and level of usage

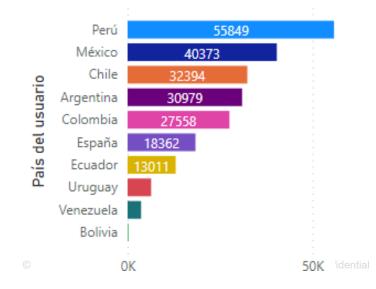




Users by gender (2021)

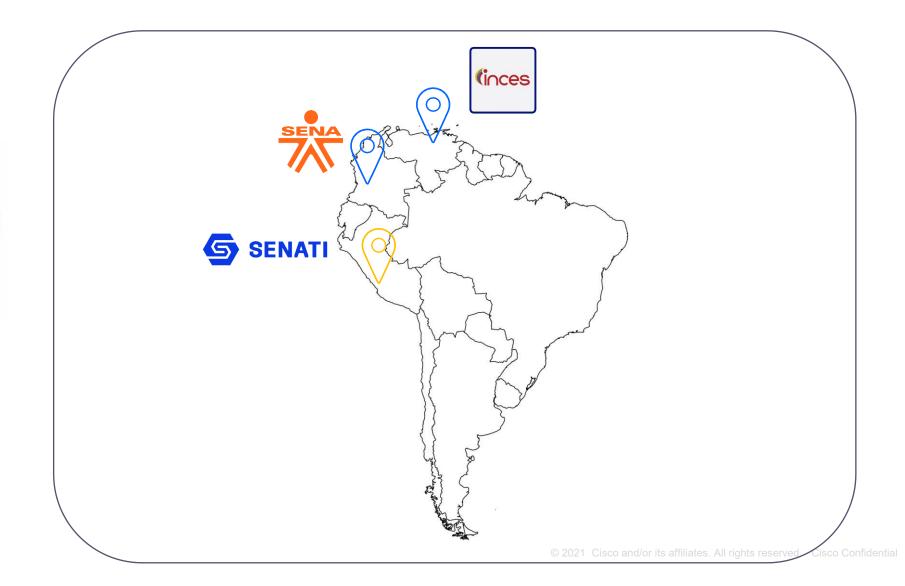


Users' country of origin (2021)

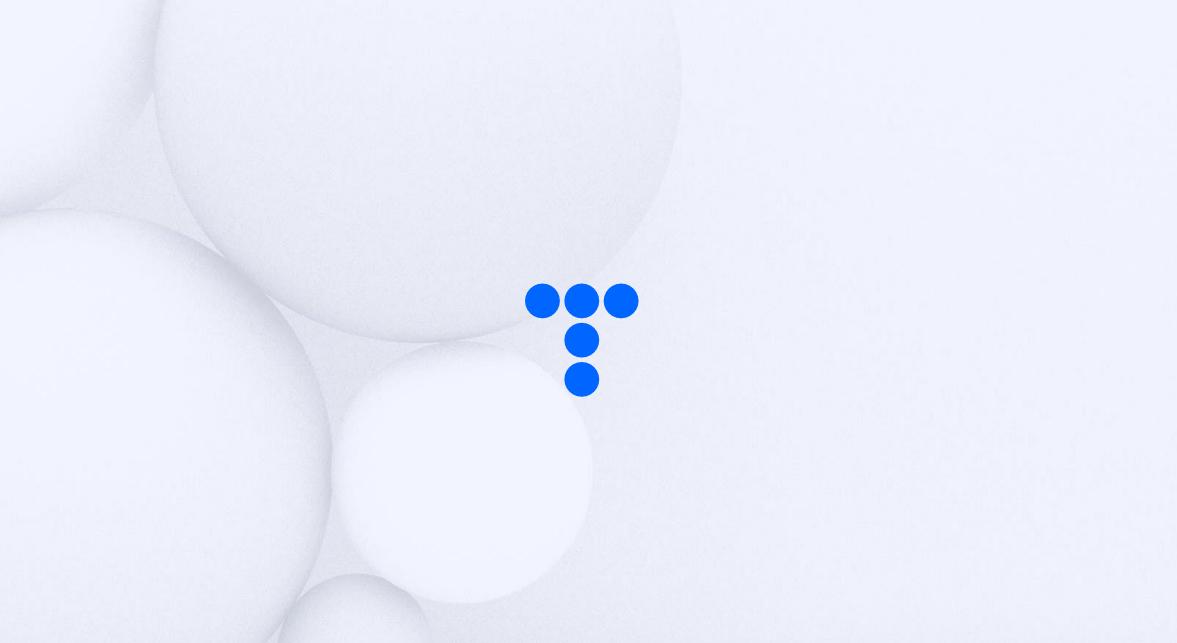


cisco

Partnership with UNESCO - Global Skills Academy



UNEVOC Network Member



Fundación Telefónica

Technical skills are more important than ever

Today (2022), there will be 6.2 million job openings in cloud-based technology*

Employers are struggling to find employees with the right technical skills to meet their organizational objectives

Today's students want more than a diploma – they want real-world skills that make them employable

Departments and faculty want the right resources to deliver innovative technical courses in order to meet their students' needs

COVID-19 has exponentially accelerated the need for companies and institutions to digitally transform and prepare for a new normal





Microsoft skills are in demand

Skills / Certifications	Amazon	Apple	Cisco	Google	HTML	Java	Python	Microsoft
US open jobs requiring / preferring these skills / certifications	49,309	6,315	16,511	71,550	39,126	41,123	79,262	444,944

Source: indeed.com, April 2022

Source: indeed.com, May 2022

...and of those jobs

43,347 jobs require **Microsoft Azure skills,** and 22% of these have salaries of \$105K or greater



Build Skills with Official Microsoft Curricul Empower students with real-world skills and prepare them for today's job roles



- Widespread availability of official Microsoft learning content for broad range of learning paths and rolebased training
- Relevant for universities, community colleges, polytechnics, vocational, and secondary schools
- Flexible learning platforms and curriculum to fit classroom, hybrid, and remote learning environments
- Downloadable, instructor-led and self-paced content for diverse learning styles

Microsoft Education learning solutions:

- Microsoft Imagine Academy
- Microsoft Learn
- Microsoft Learn for Educators
- Microsoft Certifications
- Microsoft Student Hub
- ...and more





Microsoft

CERTIFICATION







Microsoft

SUPPORTING THE STUDENT SKILLS JOURNEY



Spark curiosity with STEM, computer science and give purpose to learning

CISCO



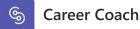
Develop productivity skills and grow knowledge and competence in emerging technology concepts



Improve employability with technical skilling, hands-on experiences, certification and path to jobs

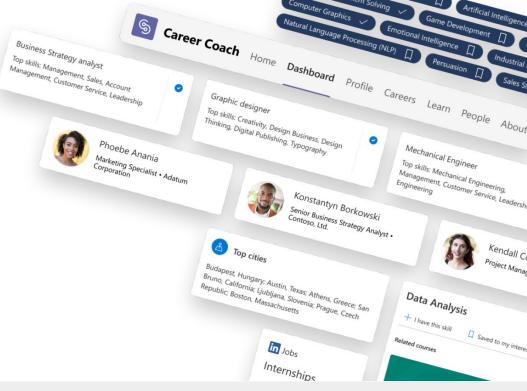


Junior 🥖



Career Coach

A Microsoft Teams app powered by LinkedIn



Institutional Value



Help students discover their career path with personalized guidance



Student Value

Support students to grow real-world skills they need to increase their employability

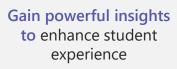


Empower students to connect and build their professional networks



Improve student success to drive employment outcomes





•••	
	>

Customize with your unique institution offerings



Career Coach - Microsoft Education

K-12 Skills Programs and Partnerships

Imagine Cup Junior, Esports, Global Game Jam, Global Build Challenge are some of the programs led & supported by Microsoft to engage educators and students worldwide with meaningful learning experiences to develop technical and life-ready skills that accompany them throughout their education and career journeys.



Imagine Cup



United Nations Educational, Scientific and Cultural Organization



. Arcade

> **Partnering with the US State Department** to host a Global Game Jam that invites educators and students to learn coding skills through game design with MakeCode Arcade focused on the policy area surrounding sustainability.

Esports advances the opportunities for STEM and Social-Emotional learning by building experiences for organized, teambased, competitive play, where students and educators strengthen skills in collaboration, communication and creative problem-solving.

rijuju cisco

Imagine Cup Junior provides

students aged 13 to 18 the opportunity to learn about technology, the details of Artificial Intelligence and how it can be used to positively change the world.

UNESCO Global Build Challenge

connects students across the planet to build solutions to reallife problems addressing UN Sustainable Development Goals and Diversity & Inclusion + World Heritage in Minecraft: Education Edition.

Deeply partnering in K-12 Skills with MOEs, DOEs

Our holistic coverage of skills from K-Career and our ecosystem of partners allows us to work across K12 and HED with Ministries of Education globally to build custom solutions to achieve their complex goals.



Philippines DepEd: Reaching educators and students nationwide moving to O365; Minecraft:EE, Imagine Cup Junior, DigiGirlz as part of curriculum alignment plans and systemic rollout. Goal to drive certification for 1M DepEd graduating students annually.



Turkey MOE: Partnership on STEM program, rethinking what CS and STEM opportunties can look like in K12 with Minecraft: Education Edition and MakeCode. Rollout of Minecraft: Education Edition to K12 students & national curriculum alignment across STEM subjects.



Washington OSPI: State-wide agreement for middle and high school access to Microsoft official curriculum for productivity and tech skills, industry recognized Certifications exams for students and Coding in Minecraft lessons and credentials to address STEM priority, college and career readiness.



Saudi Arabia MOE:

Partnership on rethinking CS Curriculum, rollout of Minecraft: Education Edition to 6M students.



Puerto Rico DOE: Significant collaboration to bring to life all MS skills assets, with deep M:EE training, MSIA deployment and certs across K-12.

Canada Skills Coast to Coast



Key Performance Indicators

•350+ educators trained in more than 650 certifications earned

•30 post-secondary institutions participating •Over 30,000 students trained in three years (2020, 2021, 2022)

•6 industry partners co-funding certification training and work-force readiness

•Over 20,000 total certification exams in academic year 2021-22 – a 300% increase since the Canada Skills program began in 2019 and a 16% increase over FY21

Key growth in skills courses and certifications completed for Cloud, Data, AI, Power BI, Cyber
Students leverage and highlight Skills attainment and Certs on LinkedIN profiles

Vision

Creating opportunities for all Canadians to thrive with the digital, technical skills needed for the world of work and as citizens

Who?

Leading Higher Education partnership driving skills, industry recognized certifications nationwide to address workforce talent gap (invited mix of universities, colleges, polytechnics - started with 12 core Canada schools committing to train faculty, leverage no-cost learning paths, certify students). Now 30 Higher Edu institutions committed and participating in collaboration with Microsoft and industry partners.

Creating a scalable frame-work

- Binding one-year agreement by invitation
- Skin-in-the game collaboration with a minimum # of students certified and in return
 Microsoft committed support and training for a specific number of faculty depending on
 # of students committed. Keys included:
- Training educators to train and skill-up their students
- Scaling volume-licensed, discounted certifications for students through local partners
- Offering industry-connected learning, skills pathways leading to in-demand job roles
- Engaging industry partners for workforce readiness, addressing skills gap

Microsoft Learn

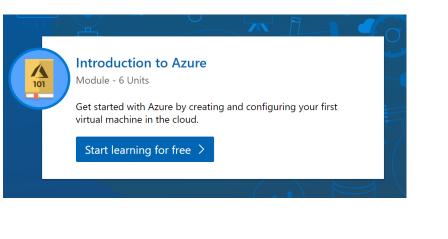
Interactive step-by step tutorials

Hands-on learning & coding environments

Knowledge checks to validate learning & earn achievements

- Apps & Infrastructure
- Data & Al
- Modern Workplace
- Business Applications



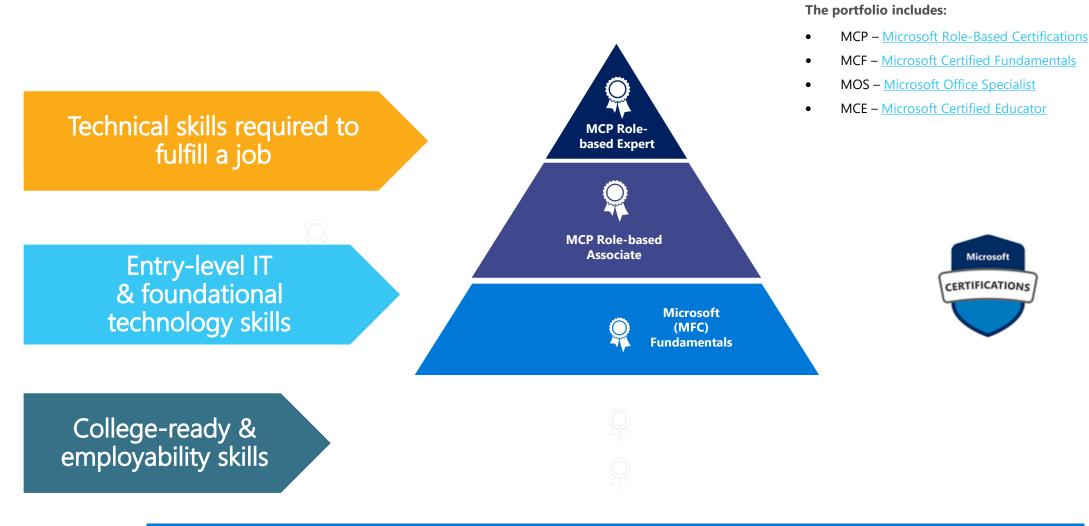








Microsoft Certification Portfolio in Education





MICROSOFT CERTIFIED EDUCATOR (MCE)

DIGITAL LITERACY CERTIFICATE (DLC)

Microsoft Learn for Educators

Supporting tech skills education across the globe

Provides educators with best-in-class technical curriculum

Educator materials include datasheets, teaching guides, trainer handbook & presentation guide

aka.ms/msle



Prepares students for the workforce and successful careers

Supported or self-serve access to fit the needs of the institution

Microsoft

Microsoft Learn for Educators + Industry **Certifications** Below we are offering these Fundamentals and Advanced Role-based courses and certifications

– With more to come!

Microsoft Fundamentals Certifications

- Azure Fundamentals (AZ-900) ٠
- **Azure Al Fundamentals (AI-900)**
- Azure Data Fundamentals (DP-900) ٠
- Power Platform Fundamentals (PL-900) ۰
- Security, Compliance, and Identity Fundamentals (SC-900) ٠
- **Dynamics 365 Fundamentals Customer** ٠ Engagement Apps, CRM (MB-910)
- Dynamics 365 Finance and **Operations Trainer, ERP** (MB-920)

aka ms/msle

Microsoft 365 Fundamentals (MS-900) ٠



Microsoft Advanced Role-based Certifications

- Azure Administrator Associate (AZ-104)
- Azure Security Engineer Associate (AZ-500)
- Azure Data Scientist (DP-100)
- Power BI Data Analyst Associate (PL-300) •
- Azure Al Engineer Associate (AI-102)
- Dynamics 365 Business Central Functional Consultant (MB-800)

Confidence

Employability

Success



Microsoft

Introducing new certification initiative for Students, Kick Sart their tech career with Microsoft Certification

Our mission is to help students achieve more, so we're making certifications and the resources to learn, prepare, and get certified—free to all eligible students, starting with fundamentals certifications.





Stand out

While digital skills are a great start, students also need skills in data, AI, and cloud technologies to make the most of every opportunity.



Gain confidence

Certifications enhance credibility and give students the professional advantage of globally recognized, industry-endorsed skills.



Build a foundation for success

Certifications help students get their career off to the right start and prove they have the skills they need to succeed.

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Five steps to get started

All the resources students need to learn, prepare, and get certified

Sign into Microsoft Learn and create a student profile.

Track progress, use free Azure resources, and get personalized recommendations.

Student Certification

2

Determine which certification fits their needs, and then start learning Verify their profile, claim student benefits, and practice their skills. Become certified and earn college credits in the process. Share their achievements online, where potential employers will see them.

Microsoft

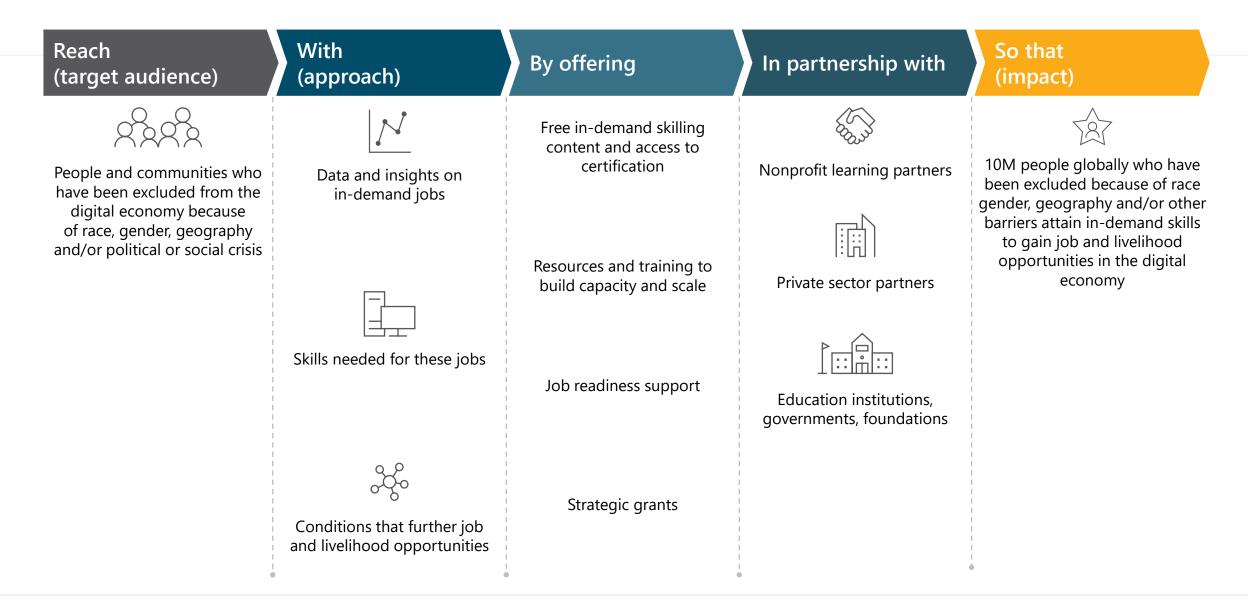
CERTIFIED

5

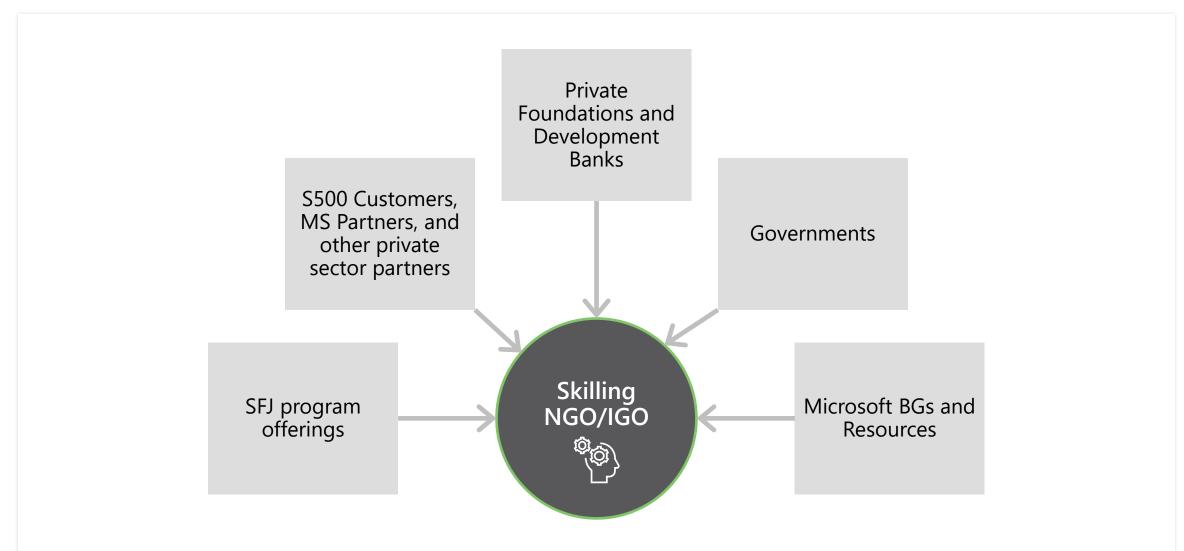
Skills for Jobs

People excluded by the digital economy are trained and certified with in-demand skills and connected to jobs and livelihood opporutnities

Skills for Jobs approach



FY23 Skills for Jobs Partnership Model



Skills for Jobs Impact to date

As of September 2022

Learners reached via free Skills for Jobs learning content	66.2 million
People trained and certified with in-demand digital skills	4.6 million
People in jobs following program completion	250K
Nonprofits supported	450+
Number of grants distributed to AA/B community-based workforce/skilling organizations in the US	50

FY23 Skills for Jobs Big Bets









Employability pilot



Skills for Jobs Learning Pathways + Career Essential Certificates

Skills for Sustainability

Skilling in TechSpark regions

Build (or refresh) your foundational skills for in-demand roles.



to prepare for success in the modern

workplace.

Start learning



Learn critical soft skills needed to communicate

effectively and collaborate cross-functionally.

Soft Skills

Start learning



Entrepreneurship

Learn core skills to help guide you to a path toward entrepreneurship.

Start learning

Skills for Jobs Learning Pathways

New learning pathways designed to meet learners where they are on their skilling journey are available now to help our partners prepare for public launch

Explore Tech and Tech-Enabled Roles



Administrative Professional

administrative professional.

Start learning

Start learning

Learn what it takes to succeed as an



Project Manager

Discover how to manage projects effectively with expert guidance on scheduling, budgeting, and more.

Start learning



Business Analyst

Learn the skills needed to thrive in a business analyst role. Explore foundational business analysis concepts and understand key processes.



System Administrator

Learn fundamentals skills to start on the road to becoming an IT professional.



Start learning



Software Developer

Learn the core concepts and structure of programming languages and learn how they are applied.

Start learning



....... CISCO http://aka.ms/LearningPathwayPreview





Coming with public launch in October

Introducing Career Essentials Certificates by Microsoft and LinkedIn



Aligned to in-demand tech and tech-enabled jobs

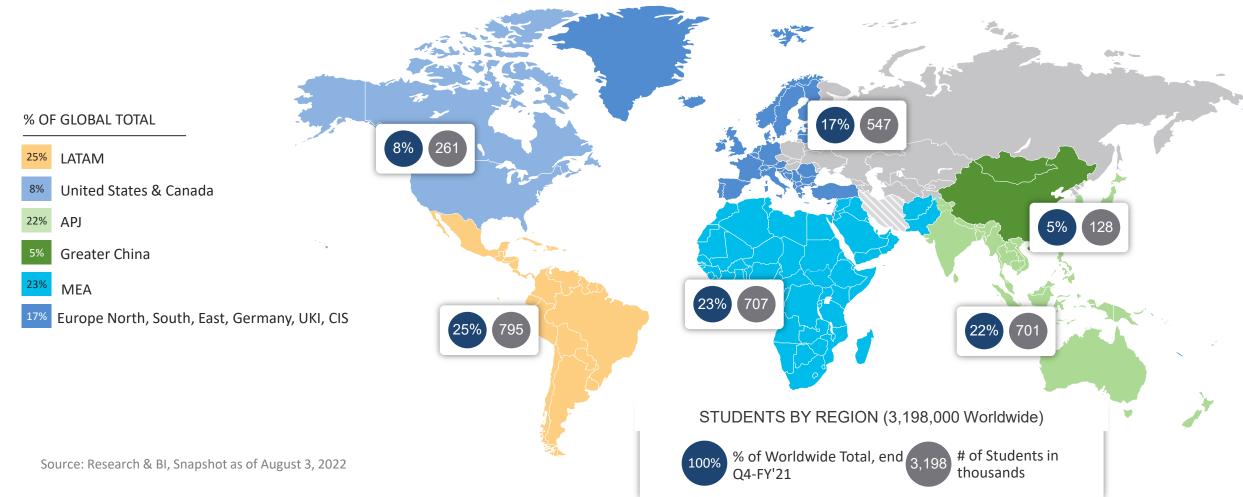
Learners explore key concepts, relevant tools, and develop stronger skills



Pathway completion and assessment demonstrates to employers' commitment to learning pathway



Large and Global Presence – 17.5 million learners over 25 years Currently annually 3.2 Million Students Worldwide



Expanding portfolio breadth

Technology is dynamic. We keep our curriculum up-to-date as industry needs evolve.



Networking Academy Curriculum Portfolio

Required

Certification/Certificate

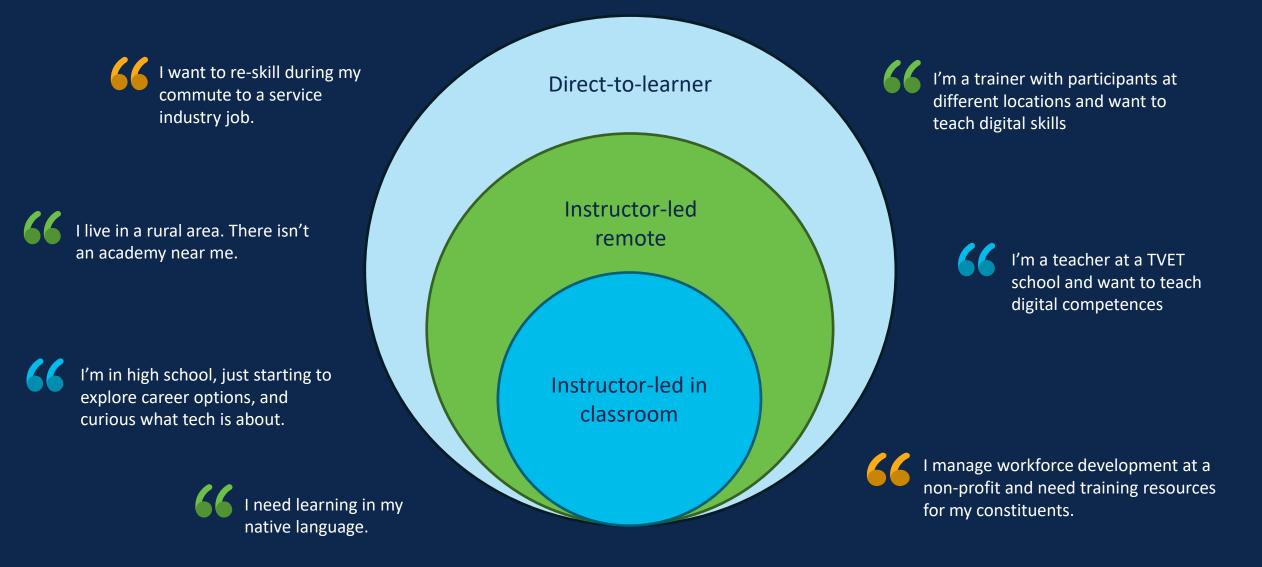
Required

05.18.2022



Inclusive education – one size does not fit all

Expanding our sphere with direct-to-learner offerings to provide inclusive options for non-traditional learners



95%

of students say Cisco Networking Academy helped them **obtain a job and/or educational opportunity**

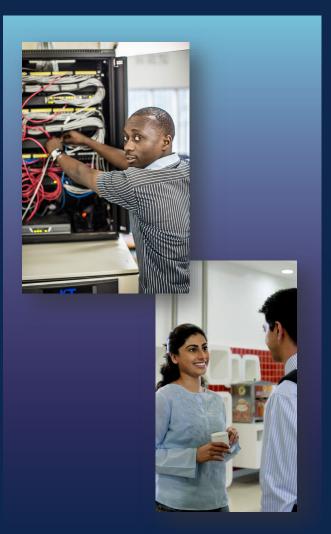


of instructors say that Cisco Networking Academy helped them **become a better educator**

Based on student outcome surveys of student participants who took Cisco certification-aligned courses between fiscal years 2005 to 2022 Based on instructor survey participants in fiscal year 2022 who were actively teaching

What The Partnership Provides A Turn-key Solution for Governments

- High quality curriculum and learning tools
 - Available free to all formal educational institutions & NGOs
- Discounts on Cisco equipment and Pertimetic exams
- State of the art online assessments
 - Including quizzes, chapter i final even, and simulation oased skills exams
- Learning man Jemen System (LM:
 - Classroon nanagement, tegrate rade book, teaching resources
- Instructor teaching, resources, support, training, and on-going professional development
- Online support immultiple languages
- Student Talent/Job Portal
- Alumni program and student resources



What Governments Need to Have: To Benefit from NetAcad and Skills For All

- Dedicated Government & Cisco planning and intervention team
- Classroom space for in-person instruction and viewing online curricula and labs
- Qualified instructor available for training
- Funds to instructor training
- Funds to purchase lab equipment bundles (varies by curriculum)
- Internet access with sufficient network connections and bandwidth







Generation Global

A global citizenship education programme of the Tony Blair Institute for Global Change.



Our goal is to support young people with core skills for life and work



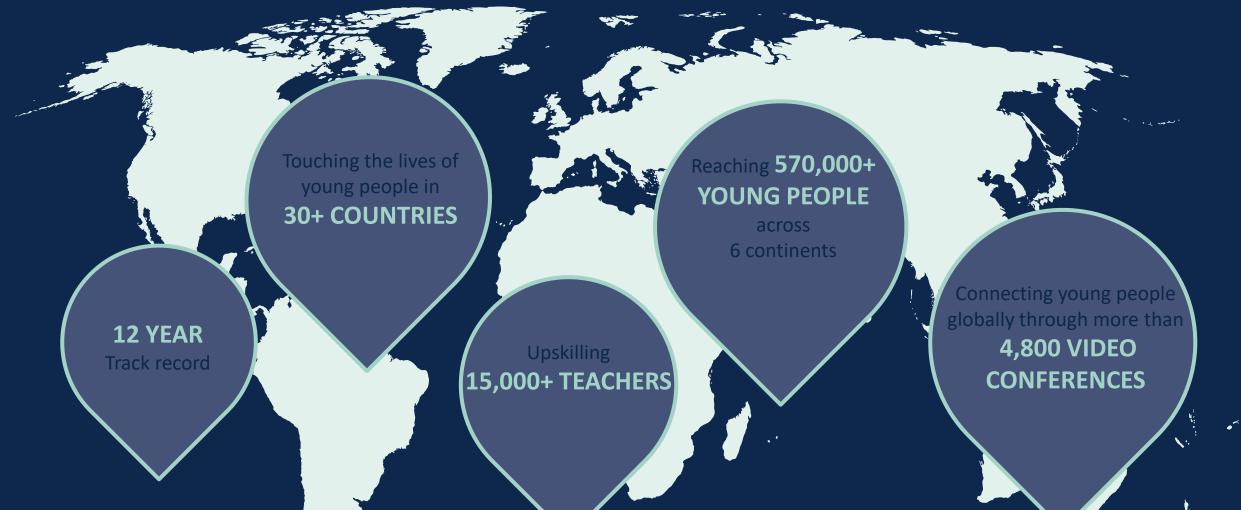
Young people, 13 to 17

knowledge, skills, and attitudes

to become active, open-minded global citizens



Since 2009, we have been reaching young people from all over the world





Our programme uses a dialogue approach to equip young people with core skills

Dialogue

A practice of speaking and listening that is open to exploring different experiences, perspectives and beliefs. Different from discussion (pulling apart a topic) and debate (winner vs. loser).





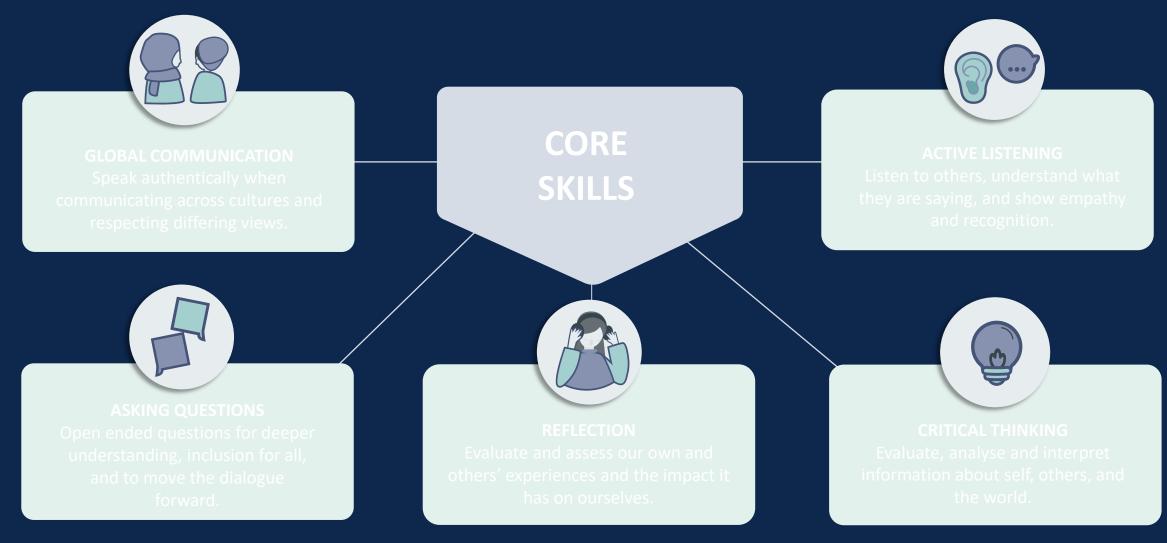
Increases youth voice & self-confidence in an inclusive way Fosters cross cultural relations & critical thinking



Builds knowledge on global issues & how they relate to real life

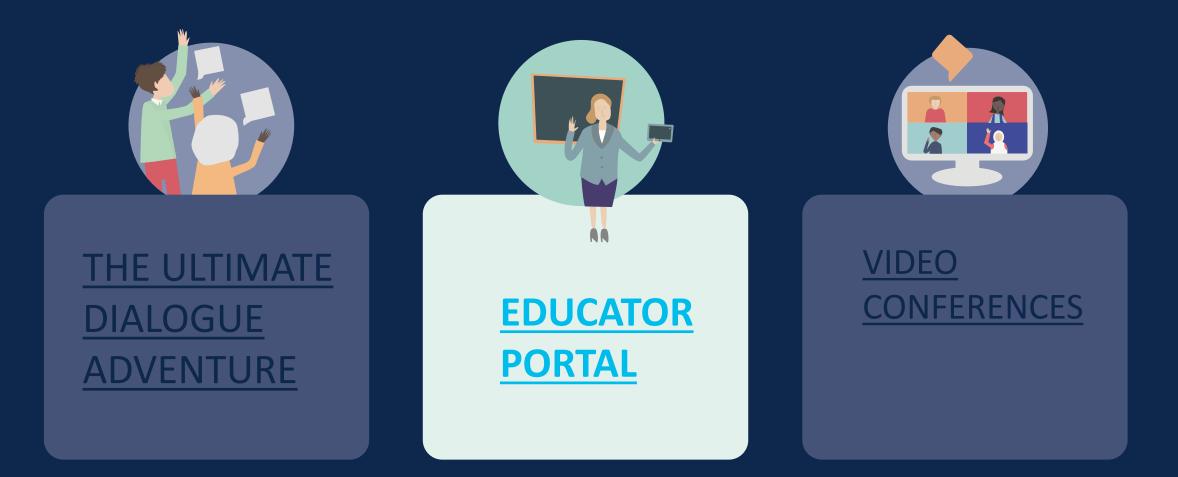


Dialogue is a set of five core skills that learners can develop and master with practice





We support young people to learn and practice dialogue skills through our free online platforms





We offer 12 topic modules to build young people's foundational knowledge of global issues



Civic Participation





Hate Speech Online



Climate Change



Health and Well-being



Culture, Beliefs and Values



Identity and Belonging



s Education



Rights and Inequalities



The Rights of Girls and Women

Fake News and

Social Media



Global Citizenship



Wealth and Poverty



Our valued partners





Get in touch!

title : Director of Generation Glob

Email : <u>l.hayter@institute.global</u>









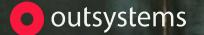






SIEMENS | Stiftung





OutSystems Developer Education Program



Snezana Djurisic

Community Growth and Social Impact Manager @ OutSystems



Skills in demand

= Job opportunities

220+

Hours of free training

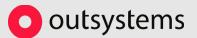
625k+

Community Members

Global Footprint

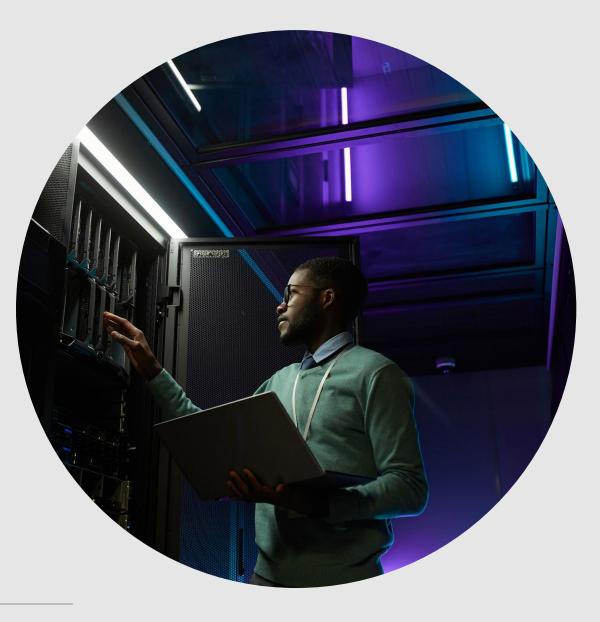
UNESCO Global Skills Academy

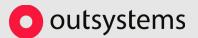
outsystems.com



Why Developer Education?

Research shows that 39% of 18- to 28-year-olds, while they were in high school or college, didn't receive any information about tech careers. That's something we're trying to improve at OutSystems with our Developer Education Program to close the skills gap in development and technology.

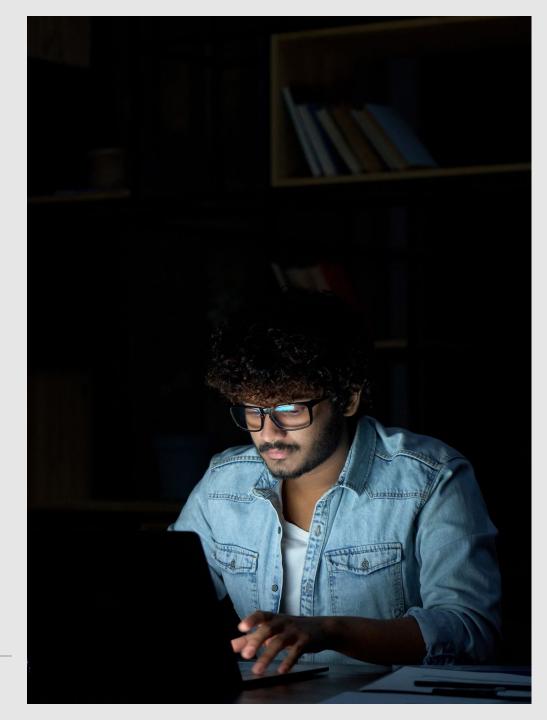




For learners...

#1 Developer Journey

Self-paced, structured online training option with learning materials, sample exercises for building real-world applications and access to certification and job opportunities. There are no prerequisites and everyone is welcome to join this journey.

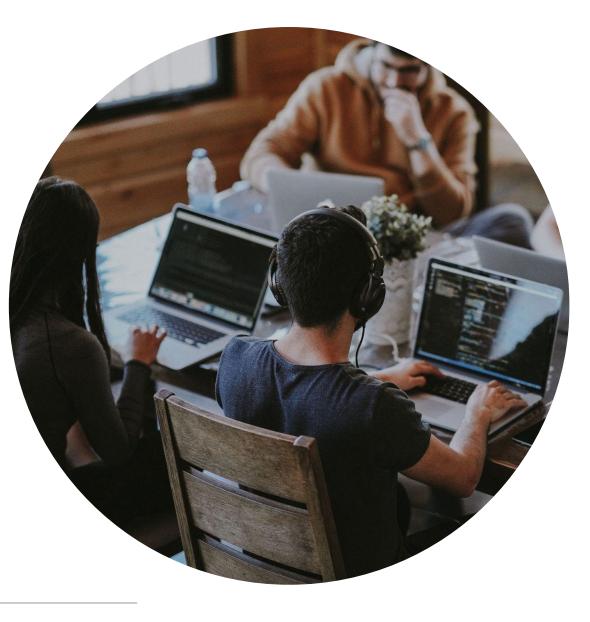




For learners...

#2 De

Two-weeks long instructor-led remote training (3.5 hours per day in an afterwork regime) with access to certification and connection with the job market. Training is designed for those who already have some technical background.





For learners...

#3 Online Training

220+ hours of free online training providing different levels of knowledge and specializations, in four different languages (English, Spanish, Portuguese and Japanese)





For educators...

Educator Kit

A complete online tool for teaching OutSystems, managing classes, and tracking students' progress with access to sample exercises, exams and certification.

Training & certification for educators



outsystems

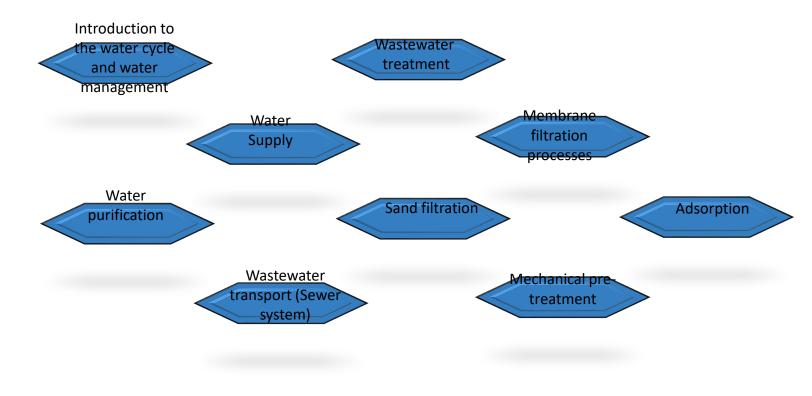
Let's connect and bridge the digital skill gap together

Festo – A holistic approach in Industry and Education

Automation			Education		
Components	Systems/ Solutions	Machines and systems/ People and organization	Equipment of laboratories	Training and consulting	

Increasing the productivity of over 300.000 clients worldwide, 42.000 participants p.a. attending qualification programs, over 36.000 Educational Institutions worldwide working with Festo

Festo @ UNESCO Global Skills Academy sind 2019 – example



Our goal is to design and implement educational solutions and programs that train people to perform in highly dynamic and complex industrial environments. Our aim is to maximize the learning success in educational institutions and industrial companies around the globe.

<u>Free Access to Water Technology Program</u> (eLearning modules) - News - Festo Didactic (festo-didactic.com)



LX Courses – Examples

:

• Water Technology





eLearning-Kurs von Festo Mehr anzeigen

H+

H+ Mehr anzeigen

Didactic



Adsorption in Water : Management eLearning-Kurs von Festo







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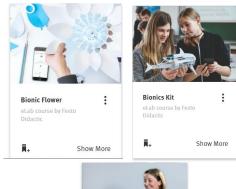
Mehr anzeigen

Water Supply

H+

eLearning-Kurs von Festo

Membrane Filter **Process in Water** Management eLearning-Kurs von Festo Bionics4Education (STEM)





STEAM Education Approach - Explained in 5 Minutes **H**+ Show More

Thank you for your attention

Further Contact: Elfi Klumpp Head of Partnership Development Global Education elfi.klumpp@festo.com

The Huawei ICT Academy

- Global Educational Programme
- Comprehensive range of Learning pathways
- Industry Certification Courses + General courses
- Theory + Lab
- Designed for Academia and Students
- Provides free learning resources and simulation tools for teachers and students
- Free training for teachers
- Promotes 'Digital' learning



Designed to address: The global Digital and ICT Skills Gap

Huawei ICT Academy Collaboration between Industry and Academia

Free Webinars for Students Free training for teachers 180+ 100 +Free Industry Certification Exam vouchers for students and teachers 24 x 7 online Support Forum for students and ۲ 400-160+ teachers **CPD** for Teachers 640 +330+ uawei ICT Academy

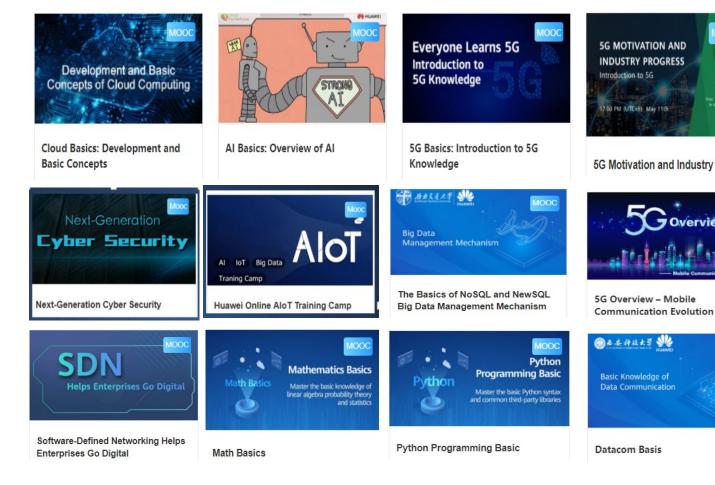
June 2022 : 2,000+ partner universities and colleges, 8,000+ teachers and 150,000+ active students

2026: **7,000+** partner universities and colleges, **1+ million** students

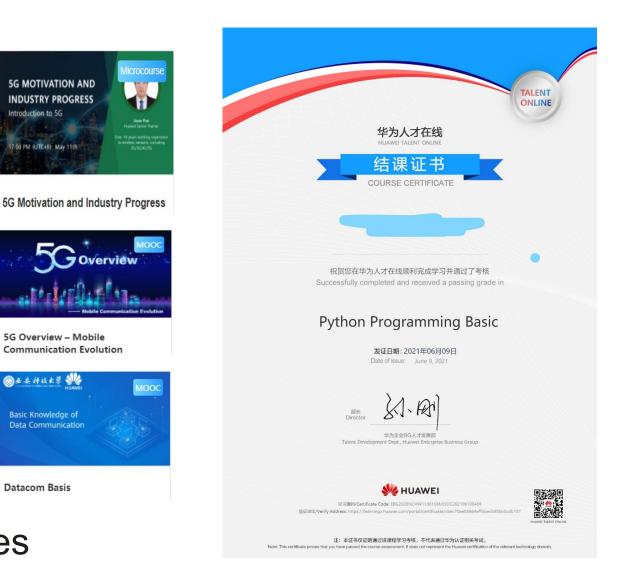


Huawei ICT Academy Curriculum

ntroduction to 5G

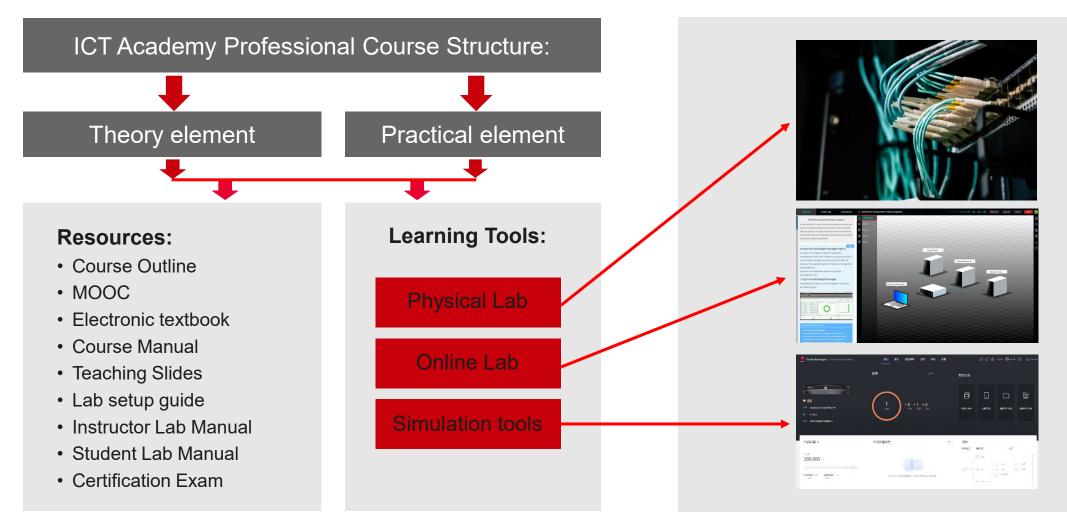


General Introductory Courses



Huawei ICT Academy Curriculum





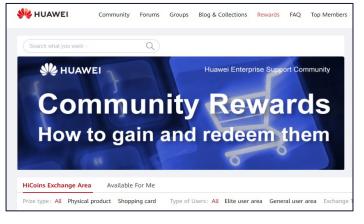
Course Catalog: https://e.huawei.com/en/talent/news/#/details?consultationId=1673

Huawei Support Community

Link to Support Community Main page:

https://forum.huawei.com/enterprise/en/index.html

HUAWEI	Community Forums	Groups Blog & Col	ections Rewa	rds FAC) Top Men	bers Subscribe	Q
Community > Groups > I	CT Academy Western Europe						
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Luiza Created:Oct 21,202	21 10:53:25 Latest reply:Sep 19),2022 07:27:46	© 2.1k	Q 13	凸 16	AOC	+ Join
REE ICT Academy Webina	rs for all learners: August - S	September 2022 sessi	* 💌			Members: 140 Posts: 82	
•	022 14:13:20 Latest reply:Sep 4		© 296	∕⊃4	凸 7	WeiKnow Construction a Members: 248 Posts: 167	nd P + Join



Global Support Community:

- Rewards Scheme collect Hi-Coins and cash them in for gift vouchers or gadgets
- Subscribe to technical documentation and updates
- Post technical questions and receive answers from Huawei experts
- Attend Presentation from experts
- Take part in quizzes and competitions