Skill Profile

Networks and cybersecurity

Reskilling Ranking

17th

Skills, knowledge and abilities / Technology skills / Networks and cybersecurity

Global Skills Taxonomy ↗

Five year trend

Learning hours spent pursuing assessements and credentials in **Networks and cybersecurity** from 2017 to 2022 (share of total learning hours). Source: Coursera

Reskilling focus

Companies for which **Networks and cybersecurity** is a priority in their upskilling and reskilling programmes for 2023-2027 (share of companies surveyed)

17%

Skill importance

Companies for which **Networks and cybersecurity** is a core skill for workers (share of companies surveyed)

18%

Skill evolution

Share of companies for which **Networks and cybersecurity** is increasing or decreasing in importance at work. White diamond and label represent net share.

+50%

Jobs in focus

Roles where organizations surveyed report **Networks and cybersecurity** to be increasing in importance fastest, alongside estimates of the net job growth (percent) from 2023 to 2027.

ROLES	NET GROWTH
1. Business Development Professionals	21%
2. Sales Representatives, Wholesale and Manufacturing, Technical…	0%
3. Managing Directors and Chief Executives	-2%
4. Business Services and Administration Managers	-5%
5. Assembly and Factory Workers	-6%
6. General and Operations Managers	0%
7. Accounting, Bookkeeping and Payroll Clerks	-27%

Time to skill

Learning hours required to achieve a credential in **Networks and cybersecurity** at beginner, intermediate or advanced proficiency as a function of the learner's level of formal education.

Hours 0 34

FORMAL EDUCATION BACKGROUND	BEGINNER	INTERMEDIATE	ADVANCED
All	3.6	10.9	19.2
No Bachelor's Degree	3.8	11.0	18.2
Bachelor's Degree	3.7	11.1	16.5
Graduate Degree	3.6	11.5	18.9

Strategically adjacent skills

Probability that a company which will prioritise skills training in **Networks and cybersecurity** from 2023 to 2027 will also prioritise other skills.

Skill taxonomy: Skills, knowledge and abilities; Attitudes

AI and big data	73%
Analytical thinking	52%
Leadership and social influence	46%
Technological literacy	41%
Creative thinking	40%
Service orientation and customer service	38%
Resilience, flexibility and agility	37%
Design and user experience	36%
Talent management	36%
Environmental stewardship	35%

Simultaneous skill development

Probability that courses in **Networks and cybersecurity** also teach other skills. Source: Coursera.

Skill taxonomy: Skills, knowledge and abilities; Attitudes

Programming	53%
Technological literacy	40%
Design and user experience	38%
Resource management and operations	35%
AI and big data	28%
Analytical thinking	24%
Reading, writing and mathematics	17%
Marketing and media	15%
Empathy and active listening	13%
Creative thinking	13%

Industry trends

Industry-by-industry variations in reskilling focus, current and future importance, forecast evolution in importance, and strategic focus companies will place on **Networks and cybersecurity** from 2023 to 2027 for the industries which assign the highest and lowest reskilling focus to this skill (share of companies surveyed)

Above global mean; Below global mean

INDUSTRY	RESKILLING FOCUS (0% – 100%)	SKILL IMPORTANCE (0% – 100%)	SKILL EVOLUTION (0% – 100%)
Telecommunications			
Financial services and capital markets			
Energy technology and utilities			
Agriculture, forestry, and fishing			
Retail and wholesale of consumer goods			
Medical and healthcare services			