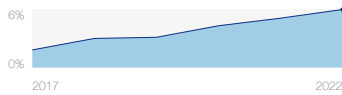# Technological literacy

7th

Skills, knowledge and abilities / Technology skills / Technological literacy

Global Skills Taxonomy ↗

Five year trend

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

Reskilling focus

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

28%

Skill importance

Companies for which **Technological literacy** is a core skill for workers (share of companies surveyed)

44%

Skill evolution

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

+68%

Jobs in focus

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

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

Time to skill

Learning hours required to achieve a credential in **Technological literacy** 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	2.8	8.9	17.0
No Bachelor's Degree	2.7	9.1	15.9
Bachelor's Degree	3.0	8.9	16.7
Graduate Degree	2.8	9.5	18.5

Strategically adjacent skills

Probability that a company which will prioritise skills training in **Technological literacy** from 2023 to 2027 will also prioritise other skills.

Skill taxonomy ■ Skills, knowledge and abilities ■ Attitudes

Analytical thinking	53%
AI and big data	48%
Leadership and social influence	47%
Resilience, flexibility and agility	47%
Creative thinking	44%
Curiosity and lifelong learning	39%
Service orientation and customer service	38%
Talent management	36%
Design and user experience	32%
Motivation and self-awareness	32%

Simultaneous skill development

Probability that courses in **Technological literacy** also teach other skills. Source: Coursera.

Skill taxonomy ■ Skills, knowledge and abilities ■ Attitudes

Design and user experience	59%
Programming	51%
Networks and cybersecurity	46%
Resource management and operations	41%
Analytical thinking	34%
Marketing and media	31%
AI and big data	23%
Empathy and active listening	21%
Creative thinking	19%
Reading, writing and mathematics	19%

Industry trends

Industry-by-industry variations in reskilling focus, current and future importance, forecast evolution in importance, and strategic focus companies will place on **Technological literacy** 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		SKILL IMPORTANCE		SKILL EVOLUTION	
	0%	100%	0%	100%	0%	100%
Automotive and Aerospace						
Supply chain and transportation						
Education and training						
Oil and gas						
Real estate						
Electronics						