# Governance & Leadership in Digital Technologies

Your expertise is needed for developing new courses with a priority for the skills **highlighted in red**. Submit your course idea in the Call for Proposal.

| **Skill** *(ranked by urgency and number of respondents)* | **What a course should teach** *(highlighted in red are the topics currently missing from the existing course portfolio)* | **Existing courses in the EPFL Extension School portfolio** *(links to webpages)* |
|---|---|---|
| Understand basics of AI and digital technologies | High-level overview of AI, data, cloud, IoT; typical enterprise architectures; vocabulary to engage with technical teams; current trends. | AIML Essentials; DigiTRUST |
| Assess the opportunities and risks of AI and digital technologies | Use-case evaluation frameworks; benefits vs risks (ethical, legal, operational); alignment with strategy; risk registers; mitigation options. | AIPM; ENID; MIDA; Innovate with AI and Tech; DigiTRUST; AI Governance and regulatory frameworks |
| **Inspire and lead the roadmap for the digital transition** | **Building a digital roadmap; stakeholder engagement; portfolio prioritisation; funding models; KPIs and value tracking; communication of vision; leading digital & AI transformation** | |
| **Drive AI-led innovation for strategic advantage** | Innovation processes (design thinking, lean experimentation) specifically for AI; scouting opportunities; partnering with startups; pilots and scale-up. | AIPM; MIDA; Innovate with AI and Tech |
| **Understand the regulatory landscape surrounding AI and digital technologies** | Overview of EU AI Act, data protection, sectoral rules; compliance roles; **impact on product and data strategy;** interaction with legal/compliance. | AI Governance and regulatory frameworks |
| Understand how digital technologies impact organisations | Overview of core digital technologies (cloud, data platforms, AI, IoT, blockchain, quantum); how they reshape value chains, business models, processes and roles; organisational risks, opportunities and change dynamics. | DigiTRUST; Management du risque – Gouvernance et opérations |
| **Understand and interpret data for enhanced decision-making** | **Reading and challenging KPIs and dashboards**; basic statistics (distributions, uncertainty, correlation vs causation); **framing questions, selecting relevant metrics, and drawing evidence-based conclusions for management decisions.** | FDS, ADSML C1 |