TRANSFORMATIVE TECHNOLOGY LITERACY MICROLEARNING SERIES (TTLMS)

Program Brochure

Forty Courses. A connected foundation for understanding tomorrow's technologies.

Explore the technologies transforming our world

The Transformative Technology Literacy Microlearning Series (TTLMS) provides extensive foundational coverage of forty important transformative, immersive, and emerging technologies, along with related and supporting technologies. The series brings together clear explanations and complementary learning resources to help learners build technology knowledge, understand key terminology, and explore how these technologies are changing education, work, industry, and society.

40 technology-focused courses • Self-paced learning • Multiple learning formats

A flexible learning experience

TTLMS is designed for independent, self-paced study. Learners can explore course topics in a structured way, revisit explanations, strengthen comprehension, and use the accompanying resources for review or further investigation. The range of formats supports different study preferences, including reading, listening, watching, reviewing, and assessing knowledge.



What each course includes

Course Overview
A clear introduction to the subject, its key ideas, and its relevance.

Tutorial
Additional explanations and guided learning support.

Quick Reference Guides
Concise summaries of important concepts and terminology.

Video Microcourse
A focused video-based introduction to core topics.

Course eBook and Audiobook
Companion reading and listening formats for flexible study.

50-Question Assessment
A structured opportunity to review and evaluate understanding.

Bonus 300-Entry Micropedia
Expanded technology vocabulary and essential terms.

Bonus 300-Item Q/A Study Guide
Questions and answers for review and knowledge reinforcement.

Case Studies
Examples that connect concepts with practical applications.

Academic References
Scholarly and authoritative sources for further exploration.

TTLMS | Transformative Technology Literacy through connected learning resources

BUILD KNOWLEDGE THAT KEEPS EXPANDING

A learning resource collection for lifelong learning and technology readiness

Learn beyond a single course

The forty-course series introduces a broad range of technologies and the ideas that connect them. Learners can develop a stronger understanding of technology concepts, build familiarity with specialized vocabulary, and explore relationships among emerging tools, systems, and applications. The resources can also serve as a starting point for additional study, research, and practical exploration.

Designed to support different learning needs

- Build foundational awareness of transformative, immersive, and emerging technologies.
- Strengthen technology vocabulary and understanding of essential concepts.
- Review information through complementary text, audio, video, and reference materials.
- Check comprehension with course assessments and question-and-answer study resources.
- Explore practical context through case studies and academic references.
- Revisit downloaded materials for continued learning and personal reference.

Download, study, and build your own library

Most TTLMS resources can be downloaded for offline study. This gives learners the flexibility to access materials when convenient, review them without an active internet connection, and organize useful resources into a personal digital learning library. Downloadable materials can be revisited as knowledge develops and new interests emerge.

Study at your own pace. Revisit key concepts. Keep building your knowledge.

Who can benefit?

TTLMS can support beginners, students, educators, working professionals, career explorers, and lifelong learners seeking a clearer understanding of important technologies. No single academic or professional pathway is required to begin exploring the course materials. Learners can use the series to build foundational knowledge and identify subjects for deeper study.

A foundation for what comes next

Technology literacy is an ongoing process. By bringing forty courses together with tutorials, reference guides, multimedia resources, assessments, vocabulary tools, case studies, and academic sources, TTLMS offers a practical foundation for continued learning, academic exploration, and career readiness.

TRANSFORMATIVE TECHNOLOGY LITERACY

Forty courses. Extensive resources. One expanding learning journey.

ZENGAGE Learning