

Faculti Summary

<https://faculti.net/mediating-worklife-learning-and-the-digitalisation-of-work/>

This video discusses the evolving nature of work due to advancements in electronic technologies and the consequent shift in the skills and knowledge required in various fields. It highlights the transition from manual, sensory-based skills to more abstract, symbolically-based knowledge. This video change demands that workers not only adapt to new technologies but also deeply understand the underlying systems and processes involved in their work, as illustrated by the Three Mile Island incident.

The narrative then explores how different professions, including airplane pilots and truck drivers, have had to adapt to technological changes that obscure the direct sensory feedback they previously relied on. It identifies that to effectively engage with these new tools, workers need to develop confidence and competence through practical experience.

This video emphasizes the importance of contextual learning—gaining knowledge in real work settings rather than in isolation—because it enhances cognitive engagement and retention. For example, it cites the practice of junior doctors remembering cases by associating them with patients, thus making it easier to recall related medical knowledge.

Additionally, the implications of new technologies in fields like forensic science, auditing, and healthcare are examined, emphasizing the need for training and transition support for workers to build trust and competence in these technologies.

Ultimately, the text argues that a well-rounded education that combines theoretical knowledge with practical experience is crucial for developing the necessary competencies to thrive in modern work environments. It underscores that both educational settings and workplace experiences are vital in fostering effective learning and adaptation to technological advancements.