

## 1.3 Technology Integration in Correctional Education

<b>LEARNING OUTCOMES</b>	<p>By the end of this module, learners will be able to:</p> <p>Identify appropriate secure digital tools for correctional education environments.</p> <p>Explain the benefits and challenges of technology integration in correctional settings.</p> <p>Apply basic digital tools to design interactive lessons for incarcerated learners.</p> <p>Analyze case studies of technology use in corrections to identify best practices.</p> <p>Evaluate the effectiveness of digital tools in enhancing educational outcomes for incarcerated youth.</p> <p>Design technology-driven activities that align with correctional education objectives.</p>	
<b>LEARNING ACTIVITIES</b>	<b>Activity 1: Current landscape overview</b> Interactive multimedia presentation on European correctional technology landscape and research evidence on impact.	<b>Time:</b> <b>90</b> minutes
	<b>Activity 2: Security and ethical considerations assessment</b> Case study analysis of security risks and ethical dilemmas in correctional technology implementation.	<b>90 min</b>
	<b>Activity 3: Technology evaluation and selection</b> Comprehensive exploration of hardware, software, and digital resources for correctional settings.	<b>150 min</b>
	<b>Activity 4: Implementation</b> Interactive presentation on the process of planning a technology implementation	<b>150 min</b>

<b>planning simulation</b>	in a fictional correctional facility.	
<b>Activity 5: Blended learning design</b>	Design of a blended learning experience within security constraints.	<b>120 min</b>
<b>Activity 6: Digital content creation workshop</b>	Guided creation of digital learning content for diverse correctional populations.	<b>120 min</b>
<b>Activity 7: Digital literacy and assessment strategies</b>	Approaches for addressing digital literacy gaps and assessing learning in technology-enhanced environments.	<b>60 min</b>
<b>Activity 8: Digital literacy curriculum development</b>	Creation of a digital literacy curriculum module for correctional education.	<b>90 min</b>
<b>Activity 9: Vocational and employment technology integration</b>	Exploration and application of technology for vocational training and employment preparation.	<b>90 min</b>
<b>Activity 10: Language and basic education technology integration</b>	Adaptation of language learning and basic education technologies for correctional settings.	<b>90 min</b>
<b>Activity 9: Vocational and employment technology integration</b>	Exploration and application of technology for vocational training and employment preparation.	<b>90 min</b>

<b>Activity 11: STEM and humanities technology integration</b>	Provide STEM and humanities technology demonstrations, integration guides.	<b>90 min</b>
<b>Activity 12: Digital reentry portfolio development</b>	Creation of a comprehensive digital portfolio system for reentry preparation.	<b>180 min</b>
<b>Activity 13: Impact measurement framework development</b>	Creation of frameworks for measuring technology integration impact.	<b>60 min</b>
<b>Activity 14: Comprehensive action planning</b>	Development of a personalized technology integration action plan.	<b>60 min</b>
<b><i>Activity 1: Current landscape overview</i></b>		
<p><b>Description:</b> Interactive multimedia presentation providing an overview of the European correctional technology landscape and research evidence on impact.</p>		
<p><b>Instructor actions:</b></p>		
<p>Provide narrated presentations, curated research summaries, and reflection prompts.</p>		
<p><b>Learners actions:</b></p>		
<p>Engage with presentations about the European correctional technology landscape</p>		
<p>Review research evidence on impact.</p>		
<p><i>Complete reflection journal entry.</i></p>		
<p><b>Connections:</b></p>		
<p>Learning Outcomes: LO1, LO2</p>		

Educational Content: Interactive multimedia presentations.

**Activity 2: Security and ethical considerations assessment**

**Description:** *Case study analysis of security risks and ethical dilemmas in correctional technology implementation.*

**Instructor's Actions:**

Provide case studies of case studies and text-based resources

Provide ethical frameworks and guided analysis tools

**Learners' Actions:**

*Analyze case studies of communication breakdowns in correctional and probation settings.*

*Apply a risk assessment framework in an ethical decision-making exercise.*

**Connections:**

*Learning Outcomes: LO1, LO5*

*Educational Content: Case studies and text-based resources*

**Activity 3: Technology evaluation and selection**

**Description:** *Comprehensive exploration of hardware, software, and digital resources for correctional settings.*

**Instructor's Actions:**

*Present technology demonstrations, comparison tools, and selection frameworks.*

**Learners' Actions:**

*Complete technology evaluation exercises.*

*Develop selection criteria checklist, submit technology recommendation report.*

**Connections:**

*Learning Outcomes: LO1, LO5*

*Educational Content: Interactive multimedia presentations*

*Assessment: Technology recommendation report.*

**Activity 4: Implementation planning simulation**

**Description:** *Interactive presentation on the process of planning a technology implementation in a fictional correctional facility.*

**Instructor's Actions:**

*Provide examples, budget tools, stakeholder profiles, and planning templates.*

**Learners' Actions:**

*Engage with provided examples.*

*Develop comprehensive implementation plan.*

**Connections:**

*Learning Outcomes: LO5, LO6*

*Educational Content: Examples and text-based resources*

**Activity 5: Blended learning design**

**Description:** *Design of a blended learning experience within security constraints.*

**Instructor's Actions:**

*Present blended learning models.*

*Provide design templates and example lessons.*

**Learners' Actions:**

*Design a blended learning unit*

*Reflect on security considerations and contingency plans.*

**Connections:**

*Learning Outcomes: LO3, LO6*

*Educational Content: Templates and text-based resources.*

### **Activity 6: Digital content creation workshop**

**Description:** Guided creation of digital learning content for diverse correctional populations.

**Instructor's Actions:**

Provide content creation tutorials, accessibility guidelines, and example materials.

**Learners' Actions:**

Create digital learning materials

Develop an engagement strategy plan.

**Connections:**

Learning Outcomes: LO5, LO6

Educational Content: Tutorials and text-based resources.

### **Activity 7: Digital literacy and assessment strategies**

**Description:** Approaches for addressing digital literacy gaps and assessing learning in technology-enhanced environments.

**Instructor's Actions:**

Provide digital literacy frameworks, assessment examples, and strategy guides.

**Learners' Actions:**

Develop digital literacy assessment plan

Create assessment strategy for technology-enhanced learning.

**Connections:**

Learning Outcomes: LO1, LO4

Educational Content: Text-based resources.

### **Activity 8: Digital literacy curriculum development**

**Description:** Approaches for addressing digital literacy gaps and assessing learning in technology-enhanced environments.

**Description:** Creation of a digital literacy curriculum module for correctional education.

**Instructor's Actions:**

Provide digital literacy curriculum frameworks, assessment examples, example lessons, and strategy development guides.

**Learners' Actions:**

Develop digital literacy assessment plan

Create assessment strategy for technology-enhanced learning.

Develop a digital literacy curriculum module.

Create lesson plans and learner activities.

**Connections:**

Learning Outcomes: LO2, LO3

Educational Content: Text Examples and text-based resources.

**Activity 9: Vocational and employment technology integration**

**Description:** Exploration and application of technology for vocational training and employment preparation.

**Instructor's Actions:**

Provide vocational technology demonstrations, employment skill frameworks, and integration guides.

**Learners' Actions:**

Develop technology-enhanced vocational lesson plans

Create employment preparation activities.

**Connections:**

Learning Outcomes: LO4, LO5

Educational Content: Tutorials and text-based resources.

**Activity 10: Language and basic education technology integration**

**Description:** Adaptation of language learning and basic education technologies for correctional settings.

**Instructor's Actions:**

Provide language learning technology demonstrations, basic education resources, and adaptation guides.

**Learners' Actions:**

Develops skills in supporting language learning and basic education needs.

**Connections:**

*Learning Outcomes: LO5, LO6*

*Educational Content: Tutorials and text-based resources.*

**Activity 11: STEM and humanities technology integration**

**Description:** Exploration and application of STEM and humanities technologies in secure environments.

**Instructor's Actions:**

Provide STEM and humanities technology demonstrations, integration guides.

**Learners' Actions:**

Develop technology-enhanced STEM and humanities lesson plans.

**Connections:**

*Learning Outcomes: LO3, LO6*

*Educational Content: Tutorials and text-based resources.*

**Activity 12: Digital reentry portfolio development**

**Description:** Creation of a comprehensive digital portfolio system for reentry preparation.

**Instructor's Actions:**

Provide portfolio frameworks, example portfolios, and development guides.

**Learners' Actions:**

*Design portfolio structure, create sample portfolio elements, develop implementation plan.*

**Connections:**

*Learning Outcomes: LO6*

*Educational Content: Tutorials and text-based resources.*

**Activity 13: Impact Measurement Framework Development**

**Description:** Creation of frameworks for measuring technology integration impact.

**Instructor's Actions:**

*Provide evaluation approaches, measurement tools, and framework templates.*

**Learners' Actions:**

*Develop measurement framework.*

*Identify data sources and create metrics.*

**Connections:**

*Learning Outcomes: LO5*

*Educational Content: Tutorials and text-based resources.*

**Activity 14: Impact Measurement Framework Development**

**Description:** Development of a personalized technology integration action plan.

**Instructor's Actions:**

*Provide action plan templates, implementation examples, and feedback guides*

**Learners' Actions:**

*Create detailed action plan for specific context.*

*Develop problem-solving strategies.*

**Connections:**

	<p><i>Learning Outcomes: LO5</i></p> <p><i>Educational Content: Tutorials and text-based resources.</i></p>
<b>EDUCATIONAL CONTENT/ RESOURCES</b>	<p><b>Core material:</b> Educational content developed with interactive activities, PDFs, and videos.</p> <p><b>Supplemental readings:</b> Case studies and research articles on soft skills in probation work.</p> <p><b>Multimedia resources:</b> Videos demonstrating empathy, communication, active listening, and conflict resolution in action.</p> <p><b>Practical tools:</b> Role-playing scenarios, case studies, and reflection exercises.</p>
<b>UTILIZATION OF ICT</b>	<p><b>LMS integration:</b></p> <p>All educational materials, including PDFs, PPT presentations, and RISE interactive modules, will be hosted on the PICTURES Learning Management System platform.</p> <p>An LMS will enable tracking of student progress, organization of assignments, and centralized access to content.</p> <p><b>Multimedia digital content:</b></p> <p>Using a variety of formats for dynamic and interactive learning:</p> <p><b>Videos:</b> Short lessons on key communication principles and conflict resolution strategies.</p> <p><b>Graphics and infographics:</b> Visual depictions of communication flows and the basic principles of assertive communication.</p> <p><b>Platforms for online courses:</b></p> <p>Activities and sessions will be conducted via Zoom or Microsoft Teams, with features such as screen sharing, collaboration notebooks, and interactive polls.</p> <p>Students will have the opportunity to participate in asynchronous discussions through forum tools on the LMS platform.</p>
<b>INSTRUCTIONAL METHODS</b>	<p><i>Lectures &amp; presentations: Introduction to key concepts.</i></p>

	<p><i>Role-playing &amp; simulations: Hands-on practice in probation scenarios.</i></p> <p><i>Case study analysis: Exploration of real cases in probation settings.</i></p> <p><i>Group projects: Development of a soft skills action plan.</i></p> <p><i>Reflective exercises: Self-assessment and discussion of learning experiences.</i></p> <p><i>Collaborative learning: Promote team thinking and develop common strategies to improve communication.</i></p>
<b>DELIVERY MODE</b>	<p><i>Face-to-face (face-to-face learning) and online learning: theoretical teaching, group discussions, analyses, case studies and simulations.</i></p> <p><i>One-on-one learning with experienced professionals.</i></p> <p><i>Work-based learning: involving students in the activities of institutions where possible.</i></p>
<b>ASSESSMENT METHODS</b> (formative and/or other assessments for each unit/module, if applicable)	<p><i>Formative Assessments: Multiple-choice quizzes, interactive scenarios, and group discussions, reflective activities</i></p> <p><i>Summative Assessments: Comprehensive technology integration strategy</i></p> <p><i>Peer &amp; Self-Assessment: Reflection activities and feedback from peers.</i></p>