

1.3 Technology Integration in Correctional Education

LEARNING OUTCOMES	<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>		
LEARNING ACTIVITIES	Activity 1: Current landscape overview	Interactive multimedia presentation on European correctional technology landscape and research evidence on impact.	Time: 90 minutes
	Activity 2: Security and ethical considerations assessment	Case study analysis of security risks and ethical dilemmas in correctional technology implementation.	90 min
	Activity 3: Technology evaluation and selection	Comprehensive exploration of hardware, software, and digital resources for correctional settings.	150 min
	Activity 4: Implementation	Interactive presentation on the process of planning a technology implementation	150 min

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

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

	<p>Educational Content: Interactive multimedia presentations.</p> <p>Activity 2: Security and ethical considerations assessment</p> <p>Description: Case study analysis of security risks and ethical dilemmas in correctional technology implementation.</p> <p>Instructor's Actions:</p> <p>Provide case studies of case studies and text-based resources</p> <p>Provide ethical frameworks and guided analysis tools</p> <p>Learners' Actions:</p> <p>Analyze case studies of communication breakdowns in correctional and probation settings.</p> <p>Apply a risk assessment framework in an ethical decision-making exercise.</p> <p>Connections:</p> <p>Learning Outcomes: LO1, LO5</p> <p>Educational Content: Case studies and text-based resources</p> <p>Activity 3: Technology evaluation and selection</p> <p>Description: Comprehensive exploration of hardware, software, and digital resources for correctional settings.</p> <p>Instructor's Actions:</p> <p>Present technology demonstrations, comparison tools, and selection frameworks.</p> <p>Learners' Actions:</p> <p>Complete technology evaluation exercises.</p> <p>Develop selection criteria checklist, submit technology recommendation report.</p> <p>Connections:</p> <p>Learning Outcomes: LO1, LO5</p>
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	<p><i>Educational Content: Interactive multimedia presentations</i></p> <p><i>Assessment: Technology recommendation report.</i></p> <p>Activity 4: Implementation planning simulation</p> <p>Description: <i>Interactive presentation on the process of planning a technology implementation in a fictional correctional facility.</i></p> <p>Instructor's Actions:</p> <p><i>Provide examples, budget tools, stakeholder profiles, and planning templates.</i></p> <p>Learners' Actions:</p> <p><i>Engage with provided examples.</i></p> <p><i>Develop comprehensive implementation plan.</i></p> <p>Connections:</p> <p><i>Learning Outcomes: LO5, LO6</i></p> <p><i>Educational Content: Examples and text-based resources</i></p> <p>Activity 5: Blended learning design</p> <p>Description: <i>Design of a blended learning experience within security constraints.</i></p> <p>Instructor's Actions:</p> <p><i>Present blended learning models.</i></p> <p><i>Provide design templates and example lessons.</i></p> <p>Learners' Actions:</p> <p><i>Design a blended learning unit</i></p> <p><i>Reflect on security considerations and contingency plans.</i></p> <p>Connections:</p> <p><i>Learning Outcomes: LO3, LO6</i></p> <p><i>Educational Content: Templates and text-based resources.</i></p>
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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>
EDUCATIONAL CONTENT/ RESOURCES	<p>Core material: Educational content developed with interactive activities, PDFs, and videos.</p> <p>Supplemental readings: Case studies and research articles on soft skills in probation work.</p> <p>Multimedia resources: Videos demonstrating empathy, communication, active listening, and conflict resolution in action.</p> <p>Practical tools: Role-playing scenarios, case studies, and reflection exercises.</p>
UTILIZATION OF ICT	<p>LMS integration:</p> <p><i>All educational materials, including PDFs, PPT presentations, and RISE interactive modules, will be hosted on the PICTURES Learning Management System platform.</i></p> <p><i>An LMS will enable tracking of student progress, organization of assignments, and centralized access to content.</i></p> <p>Multimedia digital content:</p> <p><i>Using a variety of formats for dynamic and interactive learning:</i></p> <p>Videos: Short lessons on key communication principles and conflict resolution strategies.</p> <p>Graphics and infographics: Visual depictions of communication flows and the basic principles of assertive communication.</p> <p>Platforms for online courses:</p> <p><i>Activities and sessions will be conducted via Zoom or Microsoft Teams, with features such as screen sharing, collaboration notebooks, and interactive polls.</i></p> <p><i>Students will have the opportunity to participate in asynchronous discussions through forum tools on the LMS platform.</i></p>
INSTRUCTIONAL METHODS	<p><i>Lectures & presentations: Introduction to key concepts.</i></p>

	<p><i>Role-playing & 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>
DELIVERY MODE	<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>
ASSESSMENT METHODS (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 & Self-Assessment: Reflection activities and feedback from peers.</i></p>