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COURSE BROCHURE

AI in Training Content Production and Assessment Course

4 – 8 January 2027
Madrid

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Registered in the United Kingdom and Saudi Arabia

AI in Training Content Production and Assessment Course

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AI in Training Content Production and Assessment is a 1-week training course for L&D managers, instructional designers and HR development specialists who use generative AI to produce learning material and the tests that prove it works, and it produces an AI-assisted assessment blueprint for one live learning offer. Organisations now expect learning teams to publish content faster while showing evidence of skill gains. Jupiter Prime Training built it for learning teams accountable for both speed and proof.

Why AI in Training Content Production and Assessment Matters Now

Three pressures meet in learning departments today: generative models can draft modules, scenarios and quiz items in minutes; business sponsors want proof that people can perform, not attendance figures; and employees ask how learner data feeds automated recommendations. Teams that handle this well publish accurate material and valid, fair assessments that shorten time to competence. Teams that handle it badly release inaccurate modules, biased questions and dashboards that measure nothing useful. The course draws on ISO/IEC 42001, the AI management system standard, and the NIST AI Risk Management Framework NIST AI RMF for responsible use of learner data and generated material.

Who Gains Most from AI in Training Content Production and Assessment

- Instructional designers who turn needs analysis into modules, activities and practice tasks
- Assessment writers who prepare test items, rubrics and observation checklists
- Learning technologists who configure learning platforms and adaptive sequencing rules
- Talent partners who link learning offers to role competency frameworks
- Evaluation specialists who report skill gains and business effects to sponsors

A corporate academy or learning centre gains most when its designers, technologists and evaluation staff attend together and agree one quality standard for AI-made materials.

AI in Training Content Production and Assessment Capabilities

Participants pair generative drafting speed with assessment rigour, so every AI-built module carries evidence that learners can now do the job.

- Specify prompts that turn job task analysis into learning objectives and draft modules — learning leads
- Build item banks and scoring rubrics with AI, then test them for validity and bias — assessment owners
- Configure adaptive learning paths driven by diagnostic results — learning technologists
- Apply a fact-check and style review routine to generated material — subject matter experts
- Weigh learner data uses against consent and transparency expectations — HR and data protection officers
- Calculate skill gain and behaviour change indicators — business unit sponsors

Key AI in Training Content Production and Assessment Terms

- Item bank — a tagged collection of test questions mapped to objectives and difficulty, from which assessments are assembled.
- Scoring rubric — a set of criteria and performance levels used to grade open answers or observed tasks consistently.
- Item validity — the degree to which a question measures the skill it claims to measure.
- Adaptive learning path — a sequence of content that changes according to each learner's diagnostic results and progress.
- Hallucination — a confident but false statement produced by a generative model, requiring expert review before release.
- Learning transfer — the extent to which skills practised in training are applied in daily work.

AI in Training Content Production and Assessment Day by Day

Day 1: Generative Models in the Learning Cycle

- Learning Value Chain Mapping — Where Generative Drafting Saves Production Effort
- AI-Assisted Job Task Analysis — Turning Role Data Into Objectives
- Prompt Libraries for Learning Teams — Consistent Tone, Level and Structure
- Tool Selection Criteria — Text, Video, Voice and Simulation Generators
- Learner Data Inventory — Consent, Retention and Transparency Choices

Day 2: Producing Content That Holds Up

- Storyboards Generated From Objectives — Sequencing Modules and Activities
- Scenario and Branching Case Drafting — Realistic Practice for Two Sectors
- Expert Fact-Check Routine — Catching Hallucinations Before Release
- Accessibility and Language Level Review — Reaching Diverse Learners
- Microlearning Asset Production — Short Refreshers for Busy Staff

Day 3: Building Assessments With AI

- Item Bank Generation — Mapping Questions to Objectives and Difficulty
- Scoring Rubrics for Observed Tasks — Consistent Grading Across Assessors
- Item Validity and Bias Testing — Removing Weak or Unfair Questions
- Simulation-Based Assessment — Judging Performance in Realistic Conditions
- AI Feedback Drafting — Personalised Comments on Learner Answers

Day 4: Adaptive Paths and Impact Evidence

- Diagnostic Pre-Tests — Routing Learners to the Right Starting Point
- Adaptive Sequencing Rules — Deciding When Learners Skip or Repeat
- Learning Analytics Dashboards — Skill Gain Versus Completion Metrics
- Transfer Indicators and Manager Check-Ins — Evidence of On-Job Use
- ISO/IEC 42001 and NIST AI RMF Controls — Accountability for Learning Algorithms

Day 5: Practising the AI-Assisted Assessment Blueprint

- Objective and Task Analysis Rerun for a Live Offer — Confirming Scope
- Item Bank and Rubric Build — Applying Validity Checks to Real Items
- Adaptive Path Configuration — Linking Diagnostics to Content Choices
- Impact Measures Agreement — Selecting Indicators With Sponsors
- AI-Assisted Assessment Blueprint Completion — Presenting to the Learning Board

Applying AI in Training Content Production and Assessment After the Course

- Rebuild the question pool of one existing course with AI-generated items and run validity and bias checks before release.
- Introduce the expert fact-check routine for every generated module in the learning team's production workflow.

AI in Training Content Production and Assessment Questions FAQ

What is AI in Training Content Production and Assessment and why does it matter now?

It is the use of generative AI to draft learning material, item banks, rubrics and adaptive paths under expert review. It matters now because sponsors want faster courses and firmer evidence of skill gains.

Which roles gain most from AI in Training Content Production and Assessment?

Instructional designers, assessment writers, learning technologists, talent partners and evaluation specialists gain most. You benefit most if you build learning offers or must prove they change performance.

How does AI in Training Content Production and Assessment differ from a general training management course?

It concentrates on AI-assisted content and assessment production rather than training budgets, provider selection or annual planning. You spend most of the time building and testing items, rubrics and adaptive paths.

What do you bring back from AI in Training Content Production and Assessment?

You bring back an assessment blueprint for one live learning offer, with objectives, a validated item bank, rubrics, adaptive routing and agreed impact measures.

AI in Training Content Production and Assessment: The Way Forward

The AI-assisted assessment blueprint connects generated material to proof of competence for one learning offer. Its first use is deciding whether the offer's current tests are kept, rebuilt or replaced, a choice made by the learning lead with subject experts. After the first cohort, revisit item statistics and transfer indicators to retire weak questions and refine routing.