

Advanced use of AI agents, PSP and Illustrator for Apparel Design

Duration: 5 Days

Course Objective: To empower expert graphic designers and apparel retail teams with cutting-edge workflows using the Adobe CC 2026 ecosystem. This intensive course focuses on streamlining the apparel design lifecycle—from research to final production—utilizing advanced vector techniques, next-generation 3D tools, and complex AI loop engineering. Participants will master draping techniques and build autonomous AI loops using ChatGPT and Gemini to accelerate creative ideation.

Target Audience: Expert graphic designers, senior apparel designers, and technical textile artists who are fully proficient in Adobe tools and looking to integrate advanced 2026 features and AI-driven automation into their commercial fashion workflows.

Day 1: Graphic Language & Design Life Cycle

Module 1: The Design Life Cycle

- Life Cycle for Research
- **Lab Task:** Map out the complete R&D lifecycle for a new seasonal drop.

Module 2: Thematic Development

- Graphic Maturity & Thematic Development
- Typography Trends & Visual Language
- **Lab Task:** Develop a mature, trend-aligned visual language and typography strategy for a tropical-themed collection.

Module 3: Asset Organization

- Adobe Projects Sync
- Creative Cloud Libraries Management
- **Lab Task:** Create and synchronize a Creative Cloud Library with the established color palette and base visual assets.

Day 2: Advanced Adobe Illustrator Tools

Module 4: Complex Vector Execution

- Advanced Blend Tools
- Mesh Tool Mastery
- **Lab Task:** Engineer dynamic shading on a garment flat sketch using the advanced blend and mesh tools.

Module 5: Symbol Libraries

- Dynamic Symbol Creation
- **Lab Task:** Construct a scalable, dynamic symbol library containing custom garment hardware (zippers, buttons, rivets).

Day 3: Patterns, 3D Features & Concept Translation

Module 6: Seamless Textile Patterns

- Complex Pattern Structures
- Pattern Editing & Scaling
- **Lab Task:** Build a complex, multi-layered seamless textile pattern tailored for all-over apparel printing.

Module 7: Concept Translation

- Concept to Vector Translation
- **Lab Task:** Translate a raw conceptual sketch into a precise, fully editable, and scalable vector graphic.

Module 8: Dimensional Vectors

- 2026 Turntable & Substance 3D Features
- Extracting Multi-Angle Views
- **Lab Task:** Utilize the Turntable feature to extract multi-angle, editable vector views from a 3D garment accessory.

Day 4: AI Loop Engineering

Module 9: AI Loop Fundamentals

- AI Loop Engineering (ChatGPT/Gemini)
- Agentic Prompt Chaining
- **Lab Task:** Build an autonomous prompt loop in Gemini or Claude or ChatGpt with a predefined quality rubric to iteratively refine a graphic concept.

Module 10: Text to Pattern Generation

- AI Prompting for Textiles
- Iterative Pattern Refinement
- **Lab Task:** Execute text-to-pattern generative AI prompts and iteratively refine the outputs into a viable commercial textile.

Module 11: Generative Recolor at Scale

- Algorithmic Colorways
- Seasonal Drop Planning
- **Lab Task:** Run Generative Recolor to instantly map out and evaluate five distinct seasonal colorways for the finalized graphic.

Day 5: Advanced Photoshop & Print Prep

Module 13: Advanced Print Techniques & Smart Objects

- Photoshop Smart Objects & Linked Assets
- **Lab Task:** Establish a non-destructive Smart Object workspace in Photoshop.

Module 14: Generative AI Compositing

- Generative Expand & Fill
- Harmonize & Compositing
- **Lab Task:** Seamlessly integrate a garment graphic onto a model photo using Generative Expand, Fill, and Harmonization tools to adjust lighting and environments.

Module 15: Magnific Stock Integration

- High-Resolution Workflows
- Magnific Stock Mockup Workflows
- **Lab Task:** Finalize the photorealistic presentation by precisely mapping the design onto a high-resolution traditional stock mockup from Magnific.