

ABOUT NABPA

Since 2023

The National BIM Professionals Alliance (NABPA) was founded to raise the standards of Building Information Modeling (BIM) and Virtual Design & Construction (VDC) across the Architecture, Engineering, and Construction (AEC) industry.

Our certifications validate skills, our education council trains the next generation, and our members lead the digital transformation of construction.

**In the world of
technology,
dreams are the
new blueprints**

**NABPA turns those dreams into standards
that shape the future of digital construction.**

Our members represent the most qualified professionals in BIM and VDC, setting the benchmark for excellence, safety, and efficiency in every digital project they lead.



Contact Us

Website

www.nabpa.org

E-Mail

educationcouncil@nabpa.org



**NATIONAL BIM
PROFESSIONALS ALLIANCE**

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LMBIM-IS

Licensed Metaverse BIM Specialist

Company Profile

The National BIM Professionals Alliance (NABPA) connects BIM professionals, contractors, engineers, and educators to promote BIM and VDC standardization across North America.

PROGRAM OVERVIEW

LMBIM-IS

The LMBIM-IS certification is designed to certify professionals in standardized BIM/VDC workflows with an emphasis on MEP systems. In 3 months, participants progress through five structured modules. Module 00 (BIM Essentials) builds foundational knowledge but has no exam. The certification requires passing four module exams (Modules 01–04). Graduates demonstrate proficiency in Revit, Navisworks Manage, Inventor, and AutoCAD applied to real-world projects such as data centers, hospitals, sports arenas, and critical facilities.

Module 00 – LMBIM: BIM Essentials

Objectives

Understand BIM/VDC fundamentals and industry standards (LOD, BEP). Learn multi-trade coordination principles. Gain awareness of prefab, spooling, and constructability concepts. Explore emerging technology (HoloLens XR10, Spot, AI in BIM).

Units & Duration

Module 00 Unit 1 – BIM/VDC Fundamentals (1 week) Module 00 Unit 2 – Coordination & Workflows (1 week) Module 00 Unit 3 – Prefab & Spooling Concepts (1 week) Module 00 Unit 4 – Technology & Innovation in BIM (1 week)

Certification Completion

Certification requires passing 4 exams (Modules 01–04). Module 00 (BIM Essentials) is mandatory training but ungraded. Final Certification Score = average of all 4 exam scores. No exam can be failed – all modules must be passed. One retake is permitted per exam after additional review/training.

Awarded Credential: Licensed Metaverse BIM Integration Specialist (LMBIM-IS) from NABPA



Module 01 – LRES: Revit Electrical Specialist

Develop advanced skills in Revit electrical modeling. Learn circuiting, panel schedules, and load calculations. Generate prefab drawings, spooling, and detailing. Coordinate electrical systems with other trades.

Units & Duration

Module 01 Unit 1 – Revit Project Setup for Electrical Systems (2 weeks) Module 01 Unit 2 – Circuiting, Panels, and Load Calculations (2 weeks) Module 01 Unit 3 – Conduit Routing & Clash Avoidance (2 weeks) Module 01 Unit 4 – Prefab Documentation & Coordination (2 weeks) Exam Module 01 – Revit Electrical (Week 13) | Passing Score: 80%

Module 02 – LNCS: Navisworks Coordination Specialist

Master model aggregation from multiple BIM platforms. Learn clash detection, reporting, and issue resolution. Conduct coordination meetings with actionable reporting. Apply 4D scheduling using TimeLiner.

Units & Duration

Module 02 Unit 1 – Introduction to Navisworks & File Management (2 weeks) Module 02 Unit 2 – Clash Detection Setup & Reporting (2 weeks) Module 02 Unit 3 – Issue Tracking & Coordination Meetings (2 weeks) Module 02 Unit 4 – TimeLiner and 4D Scheduling (2 weeks) Exam Module 02 – Navisworks Coordination (Week 13) | Passing Score: 80%

Module 03 – LIFS: Inventor Fabrication Specialist

Build proficiency in creating MEP fabrication parts. Apply parametric design principles to assemblies. Produce shop-ready fabrication documentation. Integrate Inventor workflows with Revit and Navisworks.

Units & Duration

Module 03 Unit 1 – Introduction to Inventor Fabrication Tools (2 weeks) Module 03 Unit 2 – Parametric Modeling for MEP Components (2 weeks) Module 03 Unit 3 – Spooling & Shop Documentation (2 weeks) Module 03 Unit 4 – Integration with Revit and Navisworks (2 weeks) Exam Module 03 – Inventor Fabrication (Week 13) | Passing Score: 80%

Module 04 – LACS: AutoCAD Specialist

Understand drafting standards for BIM projects. Learn 2D/3D detailing for MEP systems. Convert legacy AutoCAD drawings into BIM workflows. Automate shop drawing production using scripts and plugins.

Units & Duration

Module 04 Unit 1 – Drafting Standards for BIM Integration (2 weeks) Module 04 Unit 2 – 2D/3D MEP Detailing (2 weeks) Module 04 Unit 3 – Legacy Drawing Conversion (2 weeks) Module 04 Unit 4 – Shop Drawing Automation (2 weeks) Exam Module 04 – AutoCAD Specialist (Week 13) | Passing Score: 80%

E-Mail

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Website

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Total Duration & Format

Total Duration: 3 months (12 weeks)
Format: Virtual live classes (Remote)
Hands-on projects + Module exams



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