

ABOUT NABPA

Building the Future of BIM
Excellence

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
construction,
data is the new
blueprint**

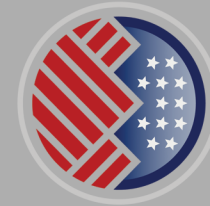
**NABPA turns those dreams into standards
that shape the future of digital construction.**



Contact Us

Website
www.nabpa.org

E-Mail
educationcouncil@nabpa.org



**NATIONAL BIM
PROFESSIONALS ALLIANCE**

20 25



CRC-BDIS

Licensed Reality Capture Specialist

Our Mission

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



PROGRAM OVERVIEW

CRC-BDIS

The Certified Reality Capture Specialist (CRC-BDIS) program certifies professionals in 3D scanning and BIM data integration. It focuses on scanning technologies, point-cloud processing, and data-to-model workflows for construction verification and digital twins.

Module 02 – Reality-to-BIM & Digital Twin Integration (Weeks 7–12)

Convert point clouds into intelligent BIM models using Autodesk Recap & Revit. Perform as-built verification and deviation analysis using Navisworks. Integrate data with fabrication and asset management platforms. Develop digital twin workflows for real-time facility insights.

Units & Duration

Unit 1: Scan-to-BIM Conversion Fundamentals (Weeks 7–8) Unit 2: As-Built Verification & Deviation Reporting (Weeks 9–10) Unit 3: Digital Twin Integration & Facility Management (Weeks 11–12) Exam: Reality-to-BIM Integration (Week 11) | Passing Score: 80%

Certification Completion

Capstone Project – Scan-to-BIM Delivery (Weeks 12–13) Requirements Complete a full scan-to-BIM workflow using provided or self-acquired data. Deliver a verified BIM model and QA/QC deviation report. Present project results in a live review session with NABPA examiners. Certified Reality Capture Specialist (CRC-BDIS) – NABPA Certified. Graduates of this certification will: Master 3D scanning and point cloud registration workflows. Produce high-fidelity as-built models for construction verification. Apply scan-to-BIM techniques for digital twin development. Support construction and facility management through precise BIM integration.

Licensed Metaverse BIM Specialist

Module 01 – 3D Scanning & Point Cloud Management (Weeks 1–6)

Understand LiDAR, photogrammetry, and drone-based scanning fundamentals. Set up and manage scanning equipment for accurate data capture. Perform registration, cleaning, and alignment of large-scale point clouds. Apply QA/QC protocols for scan accuracy and project documentation.

Units & Duration

Unit 1: Introduction to Reality Capture & Technologies (Weeks 1–2) Unit 2: Field Setup, Scanning Techniques & Data Collection (Weeks 3–4) Unit 3: Point Cloud Registration, Cleaning & Optimization (Weeks 5–6) Exam: 3D Scanning & Data Management (Week 6) 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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