THE LEARNING STAGE
WHERE YOUR SKILLS REALLY MATTER

PROGRAM CURRICULUM · 2 MONTHS

Structural Design & AutoCAD

Learn to take a structure from concept to drawing — load analysis, design principles and professional drafting in AutoCAD — with practical exercises reviewed by practising civil engineers.

DURATION
2 months · Training + Internship

FORMAT
Mentor-led + full LMS access

PROJECTS
5+ live, deployed projects

CERTIFICATE
Verifiable on completion

Program overview

Learn to take a structure from concept to drawing — load analysis, design principles and professional drafting in AutoCAD — with practical exercises reviewed by practising civil engineers.

How the two months work

MONTH 1 · TRAINING

Learn by building

Hands-on, mentor-led sessions. You work through the curriculum and build the core project.

MONTH 2 · INTERNSHIP

Apply it on real work

You apply it on real work, reviewed by the same mentors, and finish with something you can show.

Who it's for & prerequisites

WHO SHOULD JOIN

- Students & early-career builders — any branch (Civil ideal)
- Draft, plan and analyse structures with industry-standard tools.
- Anyone who wants job-ready, portfolio-backed skills

PREREQUISITES

- **Beginner-friendly** — starts from fundamentals
- No prior experience required; basic laptop comfort helps
- A laptop, internet, and time to practise between sessions

The skills you'll walk away with

Structural Basics | Design Principles | AutoCAD Drafting | Planning

Exact libraries and tools are kept current and beginner-friendly; the concepts transfer across the field.

What you'll master

Structural Basics	Loads, forces and how structures behave.
Design Principles	Sizing and detailing key elements.
AutoCAD Drafting	Professional 2D drafting standards.
Planning	Reading and producing site plans.

By the end, you will be able to

- **Structural Basics** — Loads, forces and how structures behave.
- **Design Principles** — Sizing and detailing key elements.
- **AutoCAD Drafting** — Professional 2D drafting standards.
- **Planning** — Reading and producing site plans.
- Finish with **5+ portfolio projects** and a capstone you can show in interviews

Training curriculum — topics & what you'll do

Hands-on, mentor-led sessions. You work through the curriculum and build the core project. Lesson counts are shown per module; your mentor keeps the pace friendly for every level.

1 Structural Fundamentals

6 lessons

- Loads and load paths
- Beams, columns and slabs
- Material behaviour
- Analysis exercise

2 AutoCAD Drafting

6 lessons

- Drafting standards
- Plans, sections and details
- Dimensioning
- A full drawing set

3 Design & Capstone

5 lessons

- Element design
- Detailing
- Coordination
- Capstone drawing set

Month 2 — the internship

Real work, same mentors, something to show

With the training behind you, month 2 puts your skills to work on real, scoped tasks. The same mentors who taught you now review your work — and you finish with a shippable project and a verifiable certificate tied to it.

YOU DO

Apply your skills on real, guided work.

MENTORS DO

Review your work regularly and unblock you.

YOU FINISH WITH

A project you can show and a certificate you can verify.

Projects you'll build

Hands-on builds across the program — each one portfolio-ready. Your capstone ties it all together.

Building Drawing Set

Produce a professional set of plans and sections in AutoCAD.

AutoCAD AutoCAD

Beam & Column Design

Size and detail the beams and columns that hold a building up.

Structural Analysis

Site Plan

Read a simple brief and produce a clear site plan from it.

Planning AutoCAD

Load Analysis

Trace how loads travel through a small structure down to the ground.

Structural Analysis

Estimation & BOQ

Prepare a quantity estimate and bill of quantities for a build.

Estimation Excel

Your tools & tech

AutoCAD | Structural | Analysis | Planning | Estimation | Excel

These are the core tools you'll use across the projects. Your mentor confirms the exact versions on day one.

What you'll need

BRING

- A laptop (4 GB RAM or more) and its charger
- A stable internet connection
- A few hours to practise between sessions

PROVIDED

- Full LMS access & starter files
- Mentor support throughout
- A verifiable certificate on completion

Getting set up

Everything you need is free or provided. Your mentor shares the exact tools to install and any starter files in your welcome email — so you're ready from day one, with nothing to buy.

Reserve your place

Confirm your seat today with the registration fee. It holds your place and counts towards your program fee.

Registration fee

reserves your seat

Pay the one-time **registration fee** to lock in your place. It counts towards your program fee — not an extra charge — and the balance is confirmed when you enrol. Payments are secure, and your seat is booked the moment it clears.

Choose your plan

Core

The full two months, training and internship.

- Month 1 — full training curriculum
- Month 2 — internship on real work
- Verifiable certificate

Pro POPULAR

The same two months, with more mentor time.

- Everything in Core
- Extended mentor sessions
- Project review before demo

Your certificate

A verifiable certificate of completion

Finish the program and you receive a certificate tied to the projects you built and their live links — independently checkable at **thelearningstage.in/verify**, so it holds up when a recruiter looks it up.

Enrol in five steps

1. Visit **thelearningstage.in** and open the **Structural Design & AutoCAD** program.
2. Choose your plan — **Core** or **Pro**.
3. Confirm your seat with the **registration fee** — it counts towards your program fee.
4. Get your welcome email with **LMS access** and your start date.
5. Join Month 1 training, then move into your Month 2 internship.

Eligibility

OPEN TO

- Students & early-career builders — any branch (Civil ideal)
- No prior experience required

YOU'LL NEED

- A laptop and reliable internet
- A few hours to practise between sessions

Companies hiring for these skills

L&T Construction · AECOM · Shapoorji Pallonji · TATA PROJECTS Simplify.Create · Jacobs · GMR · AFCONS · NCC

These employers actively hire for skills like the ones this program builds — a signal of demand, not partners of The Learning Stage and not a placement guarantee. The program gives you the shippable skills and portfolio that make you a stronger candidate.

Frequently asked questions

Do I need to know AutoCAD already?

No — drafting is taught from the basics up to a full drawing set.

Is this only theory?

No; you produce real drawings and design exercises reviewed by practising engineers.

Will I receive a certificate?

Yes — a verifiable certificate tied to your drawing set.

Which companies hire for this?

Construction and infrastructure firms actively recruit for drafting and structural skills — the logos shown are examples.

Ready to start? 🚀

Two months from now, you could have real, shippable skills, a portfolio of projects, and a certificate to prove it. Come learn the way real teams work.

Enrol at thelearningstage.in · support@thelearningstage.in · +91 96527 16677

Curriculum is indicative and may be refined to suit the cohort. Fees and plans current at time of print. © 2026 The Learning Stage.