

# Civil Cheatcamp – 90-Day Detailed Schedule (5 Days/Week)

**Class Days:** Sunday–Thursday | **Off Days:** Friday & Saturday

**Class Duration:** 2 hrs/day

**Personality Coach:** 1 live session/week + 2 offline sessions + recorded feedback

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## Month 1 – Foundations + Certification + Intro Personality (Weeks 1–4)

**Goal:** Core Civil concepts + AutoCAD/Revit basics + baseline personality development

Week	Day	Class Topic	Coach / Assignment	Personality Focus / Metric
1	Sun	Orientation: Indian Civil industry, career paths	N/A	Awareness
1	Mon	Construction materials & building codes	Quiz on materials	Knowledge
1	Tue	AutoCAD Basics: Interface, lines	Practice line drawings	Drafting skill
1	We d	AutoCAD: Layers, dimensions, basic drafting	<b>Offline Session 1:</b> Baseline personality assessment	Body language, confidence, clarity
1	Thu	AutoCAD: Annotations & symbols	Floor plan sketch	Effort + participation
2	Sun	AutoCAD advanced: walls, doors, windows	Add to floor plan	Drafting accuracy
2	Mon	Sections & elevations	Draw 1 section & 1 elevation	Visualization skill
2	Tue	Mini-project brief: Residential 2BHK plan	Start project	Initiative & planning

2	We d	<b>Coach Session 1 (online):</b> Self-intro practice	Submit 1-min video	Voice & clarity
2	Thu	Revit Basics: walls, floors, roofs	Recreate 2BHK plan in Revit	BIM skill
3	Sun	Revit: roofs, beams, structural elements	Add roof & beams	Modeling skill
3	Mon	Revit: families & schedules	Assign furniture, create material schedule	BIM workflow
3	Tue	Hands-on: Complete Revit house	Continue mini-project	Accuracy
3	We d	<b>Coach Session 2 (online):</b> Project explanation review	Submit 3-min recorded project explanation	Presentation clarity
3	Thu	AutoCAD/Revit shortcuts & automation	Auto-generate simple commands	Efficiency
4	Sun	Revision workshop: AutoCAD + Revit	Refine mini-project	Quality improvement
4	Mon	Certification prep: AutoCAD/Revit Certified User	Practice exercises	Exam readiness
4	Tue	Mock Certification Test	Take practice test	Knowledge check
4	We d	Project troubleshooting & corrections	Refine mini-project	Accuracy
4	Thu	Final Submission Workshop	Submit AutoCAD + Revit project	Grading metric

### Month 1 Personality Focus:

- Offline Session 1: baseline assessment
- Daily self-intro videos (1 min)
- Weekly online coach feedback
- Metrics: effort, clarity, confidence

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## Month 2 – Intermediate + Advanced Personality (Weeks 5–8)

**Goal:** Project management, BOQ estimation, advanced soft skills

Week	Day	Class Topic	Coach / Assignment	Personality Focus / Metric
5	Sun	PM Basics: MS Project/Primavera	Create simple 7-day schedule	PM + confidence
5	Mon	Gantt charts & dependencies	Expand schedule to 30 days	Scheduling clarity
5	Tue	Resource allocation & manpower planning	Assign manpower & materials	Communication in teamwork
5	We d	<b>Coach Session 3 (online):</b> Present mini-project schedule	Submit 3-min recorded explanation	Presentation clarity
5	Thu	Critical Path Method	Identify critical path	Problem-solving + communication
6	Sun	Structural basics: RCC, load distribution	Solve exercises	Concept explanation
6	Mon	Quantity Surveying: BOQ intro	Estimate 1-room project	Accuracy + confidence
6	Tue	BOQ Practice	Estimate 2BHK project	Professionalism in explanation
6	We d	<b>Coach Session 4 (online):</b> Mock client role-play	Record project explanation	Communication + persuasion
6	Thu	Hands-on Group Project: Estimation + Schedule	Draft combined report	Teamwork
7	Sun	Personality Dev: Communication basics	Daily 1-min self-intro recording	Confidence
7	Mon	Presentation Skills	3-min mini-project presentation	Voice clarity + posture

7	Tue	Teamwork & Leadership	Group discussion exercises	Collaboration
7	We d	<b>Coach Session 5 (online):</b> Feedback on recorded presentation	Revise video	Improvement
7	Thu	Mock Client Meeting Prep	Prepare project explanation	Professionalism
8	Sun	LinkedIn & Naukri Profile Setup	Complete profiles	Career readiness
8	Mon	Interview Prep	Practice common interview Q&A	Confidence + clarity
8	Tue	Project Refinement Workshop	Finalize mini construction project	Accuracy & quality
8	We d	<b>Coach Session 6 (online):</b> Presentation feedback	Submit final project recording	Professional communication
8	Thu	Group Project Presentations	Present & receive feedback	Presentation + teamwork

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## Mini-Week: AI in Civil (Week 9)

Day	Class Topic	Coach / Assignment	Personality Focus / Metric
Sun	AI in Civil Overview & Generative Design	Observe demo layouts	Comprehension & confidence
Mon	AI in AutoCAD/Revit (automation, clash detection)	Auto-generate commands	Practical skill + clarity
Tue	AI in Project Management (predictive scheduling)	Analyze project data using Excel/ChatGPT	Presentation clarity
Wed	AI in Construction & Safety (computer vision)	Test demo: helmet detection	Applied knowledge + communication
Thu	Mini-Project Prep & Presentation	3-slide mini-project: "AI in my Civil Career"	Presentation skill

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# Month 3 – Internship & Final Projects (Weeks 10–13)

**Goal:** Real-world experience, portfolio building, advanced personality development

Week	Day	Class Topic	Coach / Assignment	Personality Focus / Metric
10	Sun	Internship Onboarding: Indian Firms	Submit goals	Professionalism
10	Mon	Site Safety & Documentation	Start weekly site log	Responsibility
10	Tue	Mentor Check-in	Submit reflection	Communication clarity
10	Wed	<b>Coach Session 7 (online):</b> Weekly reflection feedback	Submit 1-min video	Progress monitoring
10	Thu	Internship Work	Continue project tasks	Initiative
11	Sun	Internship Continuation	Update weekly log	Consistency
11	Mon	CV Refinement Workshop	Update CV & LinkedIn/Naukri	Presentation & clarity
11	Tue	Internship Continuation	Mid-week log update	Professionalism
11	Wed	<b>Coach Session 8 (online):</b> Mock interview	Record & submit	Confidence + persuasion
11	Thu	Mentor Feedback Session	Implement feedback	Adaptability
12	Sun	Portfolio Assembly	Compile Revit drawings, BOQ, schedules	Organization & clarity
12	Mon	Internship Continuation	Weekly reflection submission	Communication
12	Tue	Final Mentor Review	Feedback on portfolio	Quality
12	Wed	Final Project Presentation Prep	Prepare slides & demo	Presentation
12	Thu	Rehearsal & Mentor Feedback	Practice final presentation	Confidence

13	Sun	<b>Offline Session 2:</b> Final personality & soft skill assessment	Mock interview & role-play	Full evaluation
13	Mon	Final Presentation to Peers & Mentors	Present final portfolio	Assessment metric
13	Tue	Certification & Graduation	Award certificates	Recognition
13	Wed–Thu	Optional Project Wrap-up / Feedback	N/A	Completion

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## Updated Personality Grading Metrics

Component	Weight	Notes
Effort & Consistency	20%	Submission of all daily/weekly videos & assignments
Communication & Clarity	20%	Voice modulation, posture, confidence
Presentation Skills	20%	Mini-projects, AI project, portfolio presentation
Teamwork & Leadership	10%	Participation in group tasks
Offline Session Assessment	20%	Week 1 baseline + Week 13 final evaluation
Improvement & Adaptability	10%	Progress shown over 90 days

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This **enhanced schedule** ensures:

- Students are assessed **both online and offline**
- Personality development starts from Day 1 and **progresses through coaching + assignments**
- Coach can properly evaluate **real growth**
- Cost-efficient integration with **majority online + two offline sessions**