META-META Club

METAMETA CAMPUS, SETI · SYLLABUS

Agent-Built 3D

Blender and Unity with CLI + MCP.

Pro studios | Pro studio | Hybrid · Nairobi + remote | 6 weeks · ~4h/week | 6 modules · 16 lessons | Cohort dates TBA

OVERVIEW

Agent-Built 3D

Direct AI agents to build 3D for you. Go from a room made from a prompt to a procedural scene rendered in Blender and running in Three.js or Unity.

WHAT YOU SHIP
A procedural scene rendered in Blender and running in Three.js or Unity

Outcomes

- Choose between CLI and MCP for an agent-driven 3D task
- Prompt a Blender scene and steer it to a finished render
- Take a scene from Blender into the browser and Unity
- Build a reusable skills loop for your own agent workflows

Tools

BLENDER · UNITY · THREE.JS · CLI AGENTS · MCP

Format

TRACK Pro studios	LEVEL Pro studio
FORMAT Hybrid · Nairobi + remote	DURATION (COURSE-DESIGN ESTIMATE) 6 weeks · ~4h/week
LESSONS 6 modules · 16 lessons · ~11.9 h of lesson time	COHORT DATES TBA

TEACHING
Mathew Munyao + expert bench: names announced with the first cohort

Try it first at a Metameta Night

- Week 3: Agent-Built 3D I: Blender with CLI + MCP
- Week 4: Agent-Built 3D II: into the browser and Unity

Curriculum v1 · refined with the first cohort. Titles are working titles; minutes and durations are course-design estimates, not a schedule.

CURRICULUM

Module by module

MODULE 1 · 2 LESSONS · 70 MIN · 4-QUESTION QUIZ

CLI vs MCP

Two ways to let an agent drive your tools.

#	LESSON	TYPE	TIME
1.1	CLI vs MCP	READ	30 min
1.2	Talk: What AI agents can build	VIDEO	40 min

MODULE 2 · 4 LESSONS · ~2 H · 4-QUESTION QUIZ

Room from a prompt

Metameta Night week 3: a prompted Blender room.

#	LESSON	TYPE	TIME
2.1	Demo: room from a prompt	LIVE	25 min
2.2	Build-along: a prompted Blender room, rendered	LAB	55 min
2.3	Critique: prompted rooms	LIVE	25 min
2.4	Ship it: your prompted room	PROJECT	15 min

MODULE 3 · 2 LESSONS · ~2 H · 3-QUESTION QUIZ

Villa → coast → estate

Scale one prompt from a single building to a whole site.

#	LESSON	TYPE	TIME
3.1	From villa to coast to estate	VIDEO	30 min
3.2	Scale your own scene	LAB	90 min

MODULE 4 · 1 LESSONS · 75 MIN · 4-QUESTION QUIZ

Drawing set

Have the agent produce drawings from the model.

#	LESSON	TYPE	TIME
4.1	Generate a drawing set	LAB	75 min

MODULE 5 · 5 LESSONS · ~3 H · 5-QUESTION QUIZ

Into the browser and Unity

Metameta Night week 4: villa → web viewer, and Unity MCP.

#	LESSON	TYPE	TIME
5.1	Demo: villa → web viewer, and Unity MCP	LIVE	25 min
5.2	Build-along: your week-3 room in Three.js	LAB	55 min
5.3	Critique: rooms in the browser	LIVE	25 min
5.4	Ship it: a link people can open	PROJECT	15 min
5.5	Unity MCP	LAB	60 min

MODULE 6 · 2 LESSONS · ~2.5 H · 3-QUESTION QUIZ

Skills loop

Turn what worked into reusable agent skills.

#	LESSON	TYPE	TIME
6.1	The skills loop	READ	30 min
6.2	Ship: procedural scene	PROJECT	120 min

How to join

Start the self-paced lessons on metametaclub.com/learn, and join the waitlist for the hybrid cohort on metametaclub.com/school/agent-built-3d.

Every module comes with a printable workbook and a practice quiz. Lessons have audio narration and a transcript on metametaclub.com.