

Week 1: Welcome to Your Maker Journey!

Orientation & Safety

Welcome to UniPod Digital Fabrication Program - where ideas transform into reality! Over the next 12 months, you'll develop the skills, mindset, and confidence to bring any concept from sketch to functional prototype. This isn't just another course - it's your gateway to becoming a true maker.



You're Not Just Learning, You're Becoming a Maker



12-Month Hands-On Bootcamp

Immersive, project-based learning that gets your hands dirty from day one. Every week introduces new tools, techniques, and challenges.



Learn by Doing

Theory meets practice. You'll tackle real problems, make real mistakes, and mistakes, and create real solutions that work in the real world.



Idea to Prototype

Master the complete journey from initial concept through design, iteration, and final functional prototype with full documentation.



Embrace the Glorious Mess

Prototyping is beautifully chaotic. Celebrate curiosity, collaboration, and collaboration, and the creative process - failures are just learning in disguise!

Your 12-Month Roadmap to Mastery



Your Digital Toolkit for Success

Communication Hub



WhatsApp: Your lifeline for quick questions, sharing breakthrough moments, and moments, and staying connected with fellow makers. Don't hesitate to share your share your wins, struggles, and "aha!" moments.

Virtual Calls: Weekly live sessions for tutorials, troubleshooting, and collaborative collaborative problem-solving. These aren't just presentations - they're interactive interactive workshops where your questions drive the agenda.

Your Professional Portfolio



GitHub: This is non-negotiable and will become your professional calling card. Every card. Every project, iteration, and learning milestone gets documented here with here with photos, code, and reflections.

GitHub Pages: Your public showcase to the world. Employers, collaborators, and collaborators, and fellow makers will see your journey from beginner to skilled skilled prototyper through your live portfolio site.

Safety is a Mindset, Not Just a Rule

Know Your Equipment

Never touch a tool you haven't been properly trained on. Every machine has personality and quirks - respect them, understand them, then master them. When in doubt, ask for help.

Dress the Part

No loose clothing, jewelry, or open-toe shoes in the lab. Tie back long hair and remove anything that could get caught in moving parts. Your safety gear is your armor - wear it with pride.

Protect Your Senses

Safety glasses are mandatory in the lab - no exceptions. Hearing protection for loud tools isn't optional either. You'll need your eyes and ears for decades of making ahead.

Mental Safety Matters

Ask questions freely and frequently. Share concerns without hesitation. A confused maker is a dangerous maker - but a curious maker who asks for help is a learning maker.

Your Mission for Week 1

01

Virtual Safety Scavenger Hunt

Walk through your makerspace with detective eyes. Your mission: identify 3 safety hazards and 3 exemplary safety practices. This isn't just busy work - it's training your maker intuition to spot risks before they become problems.

02

Digital Setup & First Connections

Create your GitHub account and join our communication channels. This is where your maker journey officially begins. Think of GitHub as GitHub as your professional laboratory notebook notebook that the whole world can see.

(when choosing username combine the first letter of your last name with the first name, if your names are short you can combine them)

eg: Manzi Jackson username: jmanzi

03

Introduce Yourself to the Whatsapp Community

Post your introduction: "Hi, I'm [Name]. I'm excited to learn [Skill] and I want to build [Dream Project]!" Don't be modest - share what excites you most about making and what you hope to create.

What Success Looks Like This Week



Complete Safety Assessment

Submit your safety scavenger hunt findings and pass the safety quiz. This isn't just a checkbox - it's your foundation for 12 months of fearless making.



Active GitHub Profile

Your GitHub profile should be live with your real name, a professional photo, and a brief bio. This is the beginning of your maker brand.

(when choosing username combine the first the first letter of your last name with the the first name, if your names are short you you can combine them)

eg: **Manzi Jackson** username: **jmanzi**



Community Connection

Engage with at least three other participants' introductions. Start building building the network that will support and and inspire your entire journey.

The Maker Mindset

"Every expert was once a beginner. Every pro was once an amateur. Every icon was once an unknown." - Robin Sharma

You're standing at the threshold of something extraordinary. The next 12 months will challenge you, frustrate you, and ultimately transform you. Some projects will fail spectacularly - celebrate them as learning goldmines. Others will exceed your wildest wildest expectations - share them proudly.

Remember: the goal isn't perfection from day one. The goal is progress, curiosity, and the courage to turn ideas into reality. You have everything you need to succeed - now let's start building!



Looking Ahead: Web Development



Next Week Preview

Week 2 launches us into the engine room of the maker world:

Documentation. You'll learn that building something is only half the battle; battle; capturing the *how* and *why* is what separates a completed project from project from a professional portfolio.

We'll explore the tools and workflows that professionals use every day: setting up your GitHub repository, mastering version control with Git, and deploying your own portfolio site with GitHub Pages. This isn't just administrative work; it's the practice that will make your work understandable, reusable, and shareable with the world.

Come ready to code your first commit, push your first update, and launch your launch your digital home for the incredible projects you'll build. The habits you habits you form this week will be the foundation for every single piece of work piece of work you do in this program and beyond.



Ready to Begin Your Maker Journey? Journey?

Questions Welcome!

Drop them in our chat, bring them to our next call, or reach out directly. No question is too basic or too complex.

Start Strong

Complete this week's activities with enthusiasm. Your future maker self will thank you for the solid foundation foundation you build today.

Stay Connected

Engage with your fellows, share your progress, and celebrate small wins along the way. We're in this together!

Welcome to UniPod Digital Fabrication program. Welcome to your maker journey. Let's build something amazing together!