



Pixoul Gaming & Learning Academy
Casablanca · Morocco

COURSE PAMPHLET

TECH · CORE PROGRAM

Game Design & Development

Full game dev pipeline. Concept, mechanics, art, Unity/Unreal.
Flagship Pixoul course.

LED BY

Prof. Yasmine El-Fassi

Course Director

COURSE LENGTH

12 wks

TUITION

\$580

AGE RANGE

12-25

DEMAND

Very High

REFERENCE 001 · ISSUED 2026 · THE MEDINA LAB

Welcome to Game Design & Development

A NOTE FROM YOUR COURSE DIRECTOR,

Prof. Yasmine El-Fassi

Technology is the single biggest lever for Morocco's economic transformation. This course gives you production-grade skills that companies are actively hiring for — not theory you'll forget.

Over the coming 12 wks you will work intensively, hands-on, with real tools and real briefs. The objective is not to memorise — it is to build, to ship, and to graduate with a tangible portfolio. I look forward to meeting you in cohort.

— Prof. Yasmine El-Fassi, Course Director

Who Is This Course For?

Aspiring developers, career-switchers from adjacent fields, and ambitious students who want a real portfolio by graduation. No prior programming required for foundational tracks; advanced tracks assume basic literacy.

Strategic Context — Why Morocco

Pixoul's brand identity. High repeat enrollment – students do Level 1, 2, 3.

Sector Snapshot

Morocco's digital economy is projected to contribute 8% of GDP by 2030. OCP, Attijariwafa, Maroc Telecom and a growing wave of YC-backed Casablanca startups are all hiring developers faster than universities produce them.

Why The Medina Lab

The Medina Lab Casablanca houses Morocco's largest gaming and learning hub — 6,300m² with high-spec workstations, dedicated coding labs, and a live esports arena that doubles as a Demo Day stage. Industry mentors from Pixoul's partner network drop in weekly.

6,300m²

FLAGSHIP VENUE
CASABLANCA

9

REVENUE PILLARS ON-SITE

2027

SOFT LAUNCH · COHORT 1

12+

YEARS PIXOUL TRACK
RECORD

What You Will Learn

By the end of this course, you will have developed measurable competencies in the following areas:

01 Build production-quality applications from blank slate to deployment

02 Read, write, and refactor real codebases — not toy examples

03 Debug with confidence using systematic methodologies

04 Collaborate in modern dev workflows: git, code review, pair programming

05 Architect solutions for performance, security and scale

06 Ship a portfolio piece you can put on a CV the day you finish

07 Network with Morocco's tech employers via Demo Day

08 Earn a Pixoul Academy certificate recognised by industry partners

Format & Structure

TOTAL PROGRAMME LENGTH

12 wks

TOTAL CONTACT HOURS

72 hours

SESSIONS PER WEEK

2 sessions

SESSION LENGTH

3 hours

CLASS SIZE

16 max

DELIVERY

In-person · Medina Lab

What is Provided

- Full access to The Medina Lab Casablanca facilities during cohort weeks
- All software licenses, equipment and learning materials
- One-to-one mentor sessions monthly with Prof. Yasmine El-Fassi
- Industry guest sessions and partner site visits where applicable
- Capstone project review with industry panel
- Lifetime alumni access — peer network, job board, mentor introductions
- Pixoul Academy Certificate of Completion (digital + signed paper copy)

Curriculum · Foundation Modules

The first half of the programme builds your foundational competency through structured, project-based learning.

MODULE 01

Weeks 1–2

Foundations & Setup

- Development environment configured
- Core language syntax
- First working script

Deliverable: Development environment configured

MODULE 02

Weeks 3–4

Core Concepts & Tools

- Data structures & control flow
- Debugging & version control
- Library ecosystem

Deliverable: Data structures & control flow

MODULE 03

Weeks 5–6

Hands-On Project Work

- Live brief from real partner
- Pair programming sprints
- Code review process

Deliverable: Live brief from real partner

Curriculum · Advanced & Capstone

The second half extends into specialised application and culminates in your capstone deliverable.

MODULE 04

Weeks 7–8

Advanced Techniques

- Performance optimisation
- Testing & deployment basics
- Security fundamentals

Deliverable: Performance optimisation

MODULE 05

Weeks 9–10

Integration & Real-World App

- API integration
- Multi-system architecture
- Deployment to production

Deliverable: API integration

MODULE 06

Weeks 11–12

Capstone Project & Demo Day

- Original portfolio build
- Public Demo Day presentation
- Industry partner showcase

Deliverable: Original portfolio build

Assessment & Certification

Grading Structure

Module Assessments — 40%

Progressive checks at each module end. Practical demonstration over written theory.

Applied Project Work — 35%

Live briefs from real partners. Solo and team formats. Iterated through feedback cycles.

Final Capstone — 25%

Public Demo Day presentation to industry panel. Q&A defence. Portfolio finalisation.

Certification

On successful completion (70%+ overall) you receive the **Pixoul Academy Certificate of Completion**, digitally signed and accompanied by a physical certificate ceremony. Top 10% performers receive the **Pixoul Excellence Distinction**, with direct referral to industry partners.

OFPPT Alignment

This course is structured to align with OFPPT Contrats Spéciaux de Formation criteria where applicable, enabling qualifying employers to reimburse 70–90% of corporate cohort tuition. Individual students may qualify for OFPPT-financed pathways via partnership programmes.

Career Pathways

Roles You Can Target

Junior Developer · Software Engineer · Web Developer · Mobile Developer · DevOps Engineer · Technical Co-Founder. Entry salaries in Casablanca / Rabat tech sector currently range MAD 8,000–18,000/month for graduates; senior roles MAD 25,000–50,000+.

Industry Partner Network

Maroc Telecom · OCP Digital · Attijariwafa Tech · Inwi · CIH Bank · Morocco-based YC startups · OFPPT for certification alignment.

The Pixoul Alumni Network

Graduates join a 14,000+ strong alumni community spanning Pixoul UAE and Pixoul Morocco. Active community channels (Discord, in-person events at The Medina Lab), peer-to-peer support, job board, and a mentor introduction service connecting alumni to industry hiring managers via warm referral — not cold application.

Continuing Pathways: This course connects upward to advanced specialisations within The Medina Lab's curriculum portfolio. Many alumni return for Year 2 / Year 3 tracks, building 24+ month learning pathways from foundational to senior-specialist level.

Apply & Next Steps

2026–2027 Cohort Schedule

COHORT	APPLICATION WINDOW	PROGRAMME START	PROGRAMME END
Cohort A · Fall 2027	Jun – Aug 2027	September 2027	+ 12 wks
Cohort B · Winter 2028	Oct – Dec 2027	January 2028	+ 12 wks
Cohort C · Spring 2028	Jan – Mar 2028	April 2028	+ 12 wks

How to Apply

1**Submit Online Application**

academy.pixoul.com/apply · 15 minutes · no fee

2**Short Conversation Call**

30 minutes with admissions team to confirm fit

3**Decision & Enrolment**

Offer within 5 business days · 30% deposit secures seat

Get in Touch

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