MCP SERVER | NO CODE | CLOUD HOSTED

Exam Notice Study Planner MCP for AI Agents

Creating Optimized Academic Roadmaps from Syllabus Data

The Exam Notice Study Planner MCP turns overwhelming exam schedules into clear, actionable study roadmaps. It analyzes weight and question counts across all your subjects to calculate true priorities. You get a structured plan—whether for three months or a full academic year—complete with weekly milestones that stop you from cramming right before the test.

A+ Quality Score 100/100

study-planner | exam-prep | scheduling | optimization | milestones

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vinkius.com/mcp/exam-notice-study-planner

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

Exam Notice Study Planner MCP

3 tools available
Cloud-hosted on Vinkius

Trying to plan around a massive exam notice feels impossible. You have too many subjects and not enough time. This MCP fixes that by treating your preparation like a project manager treats a critical path: identifying what needs focus first. Instead of just listing dates, it figures out which subjects carry the most weight or require the most dedicated practice hours. It calculates importance scores based on the raw exam data you provide, ensuring your effort goes where it counts most. You can then build a structured roadmap for 3, 6, or even 12 months, complete with weekly milestones. This capability is available through Vinkius, the largest catalog of connected AI services, letting your agent use this planning logic right in your existing workflow.

Core Capabilities

01 — Determine Subject Importance

The MCP calculates a percentage score for each subject based on its weight and question count within the exam notice.

02 — Calculate Study Hour Allocation

It figures out how many hours you should dedicate to every subject, given your total available weekly study time.

03 — Generate Structured Milestones

The system creates a detailed calendar of weekly goals and milestones for the duration you specify (3, 6, or 12 months).

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/exam-notice-study-planner** — connect your AI agent in three steps.

01 Feed your agent the full exam notice details, including subject names, relative weights, and question counts.

02 Ask the MCP to calculate priorities and allocate hours. The system determines which subjects need the most attention first.

03 Use the resulting data to generate a structured timeline, giving you clear weekly goals for months ahead.

The bottom line is that it turns vague study goals into a precise, quantifiable schedule.

Built For

This MCP helps students and academic planners who are drowning in material or have complex exam schedules. If you feel lost trying to figure out where to put your limited time between subjects, this is for you.

University Student

You use it when an end-of-year syllabus drops, and you need a realistic plan that balances multiple final exams over several months.

Graduate Researcher

You rely on this MCP to structure preparation for comprehensive board exams or complex qualifying tests with weighted components.

Curriculum Developer

You use it to build sample study plans and academic roadmaps for students entering a specific field of study.

What Changes When You Connect

01 Stop guessing where to spend your time. Use `calculate_subject_priorities` to instantly know which subjects are most important based on weight and question count.

02 Eliminate burnout with structured planning. The MCP generates a full roadmap, giving you weekly milestones so you never have to cram all night before an exam.

03 Maximize efficiency by allocating time correctly. Use `allocate_weekly_hours` to get concrete numbers telling you exactly how many hours to spend per subject each week.

04 Plan for the long haul. Generate a comprehensive schedule covering 3, 6, or 12 months so your preparation feels manageable and linear.

05 Move beyond simple checklists. This MCP provides an actionable plan that adjusts study load based on real academic metrics.

Real-World Applications

Finalizing a Semester Plan

A student inputs their final syllabus and available hours. The agent uses `calculate_subject_priorities` to show that Math is 50% more important than History, allowing the student to rebalance their entire semester schedule.

Rebalancing Time After Difficulty Spike

The student realizes they underestimated the required time for English. They use `allocate_weekly_hours` to re-run their plan, instantly seeing that they need to shift 5 hours from Biology and add them to English.

Preparing for a Board Exam

A researcher needs a study plan for three years. The agent uses `generate_study_timeline` to create an annual roadmap with yearly and quarterly milestones, ensuring all foundational topics are covered systematically.

Patterns to Avoid

Creating a simple list of dates

✗ AVOID

Writing down 'Study Math every Tuesday' without knowing if Math should take up 2 hours or 8 hours, leading to uneven study load.

✓ INSTEAD

Instead, use `allocate_weekly_hours` first. This tells you *how much* time is needed per subject (e.g., 'Math: 5 hrs/week; History: 3 hrs/week'). Then, use that data with `generate_study_timeline` to build the actual weekly schedule.

Ignoring variable weighting

✗ AVOID

Giving equal study time to a low-weight subject and a high-weight subject, wasting effort on material that won't factor heavily into the final grade.

✓ INSTEAD

Always start by running `calculate_subject_priorities`. This tool ranks subjects based on their true contribution (weight * questions), ensuring you prioritize what matters most.

Using a single, fixed timeline

✗ AVOID

Creating a rigid 3-month plan that fails when life throws an unexpected week of difficulty into your schedule.

✓ INSTEAD

Use the combination of `allocate_weekly_hours` and `generate_study_timeline`. The first step sets flexible targets; the second builds the timeline around those adjustable goals.

The Right Fit

You should use this MCP if your study problem is one of *allocation* or *structure*. Specifically, if you have a complex exam notice and are unsure how to distribute limited time across multiple subjects, start by running `calculate_subject_priorities`. This gives you the 'what'—the most important topics. Next, run `allocate_weekly_hours` to determine the 'how much'—the required effort per week. Only after determining both of those numbers should you use `generate_study_timeline` to build the final, concrete calendar. Don't just try to list out dates; follow this sequence. If your only problem is simply listing all the subjects, a basic checklist tool works fine. But if you need optimization and resource management, this MCP is necessary.

Exam Notice Study Planner: Calculating Subject Priorities for Exam Prep

Most students start by making simple lists of subjects. They copy the syllabus and write down 'read chapter 3' next to Math, then 'review notes' next to English. This manual process is exhausting; it treats every subject like they all matter equally, even if one only accounts for 5% of your final grade.

With this MCP, you feed in the raw data—the weight and question count. The system immediately runs `calculate_subject_priorities` and spits out a clear ranking, showing you where to focus first. You get an objective measure of importance instead of relying on how 'scary' a subject feels.

Exam Notice Study Planner: Generating Weekly Milestones for Scheduling

Manually tracking progress involves copying the entire syllabus into a spreadsheet and manually adding milestones like 'Week 1: Finish Unit A' or 'Week 2: Review Topic B'. This takes hours of

The MCP handles this by running `generate_study_timeline`. You set the desired duration (e.g., 6 months), and it automatically maps out a structured calendar with measurable

painful maintenance, and you often forget to adjust when your schedule shifts.

weekly goals, giving you a ready-to-follow path forward.

Exam Notice Study Planner: 3 Tools for Subject Prioritization and Scheduling

Use these three tools to calculate subject importance, determine weekly hour allocations, and generate detailed study milestones from your syllabus data.

#	TOOL	DESCRIPTION
01	`allocate_weekly_hours`	Calculates the recommended weekly number of study hours needed for each subject based on your total time availability.
02	`calculate_subject_priorities`	Determines and ranks the relative importance of every listed subject within a large exam notice.
03	`generate_study_timeline`	Creates a detailed, structured calendar showing weekly milestones for 3-month, 6-month, or 12-month study periods.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U I have 15 hours per week for my final exams over the next three months. My syllabus shows Biology (weight 4, questions 20), Chemistry (weight 3, questions 15), and Physics (weight 2, questions 10).

🔬 **Exam Priority Analysis**

Based on your syllabus data, here is the calculated priority distribution:

- 🧬 **Biology:** 47.2% (Highest Priority)
- 🧪 **Chemistry:** 35.9%
- ⚛️ **Physics:** 16.9%

Weekly Allocation Recommendation:
You should dedicate roughly 7 hours to Biology, 5 hours to Chemistry, and 3 hours to Physics each week.

U Using the 15-hour weekly breakdown above, create a detailed study timeline for the next 12 weeks.

🗓️ **Your 12-Week Study Roadmap**

Here is your structured plan. Remember to keep progress consistent:

• **Months 1-3 (Weeks 1-12): Foundation Building**
* Focus: Core topics in Biology and Chemistry.
* Milestone Example (Week 4): Complete all major units for Biology; review Chapter 5 of Chemistry.
• **Quarterly Goal:** By the end of Month 3, you must have covered 70% of all material to prevent last-minute panic.

U If I can only dedicate 12 hours per week starting next month, how should I re-allocate my time between Biology and Chemistry?

⏰ **Rebalanced Schedule (12 Hours/Week)**

Given the lower total hours, we need to adjust your focus slightly. Here's the new distribution:

- 🧬 **Biology:** 5.5 hours per week
- 🧪 **Chemistry:** 6.5 hours per week

This shift maintains high coverage in both subjects while respecting your reduced availability.

Frequently Asked Questions

01 **How does the Exam Notice Study Planner MCP figure out what I should study first?**

It analyzes your syllabus weights and question counts to calculate true subject priorities. This gives you an objective score of importance, letting you focus time where it actually matters for your final grade.

02 **I need a full year plan, not just weeks. Can the Exam Notice Study Planner MCP help with that?**

Yes, this MCP can generate structured timelines up to 12 months out. It builds a phased roadmap of weekly milestones so your preparation feels paced and manageable.

03 **What if my available study hours change? Can the Exam Notice Study Planner MCP adjust?**

Absolutely. You can tell it your new total weekly hours, and the system will recalculate how many hours you need to dedicate to every single subject instantly.

04 **Is this just a fancy calendar, or does it actually guide my studying?**

It's much more than a calendar. It calculates *why* certain milestones are important by linking them back to your initial syllabus data and weighted priorities.

05 **Does the Exam Notice Study Planner MCP account for different types of exams (e.g., multiple choice vs essays)?**

It focuses on the quantitative data you provide—weights and question counts. By prioritizing subjects with high weights, it ensures your effort matches the exam's demands.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"exam-notice-study-planner": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

Exam Notice Study Planner is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

V I N K I U S

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