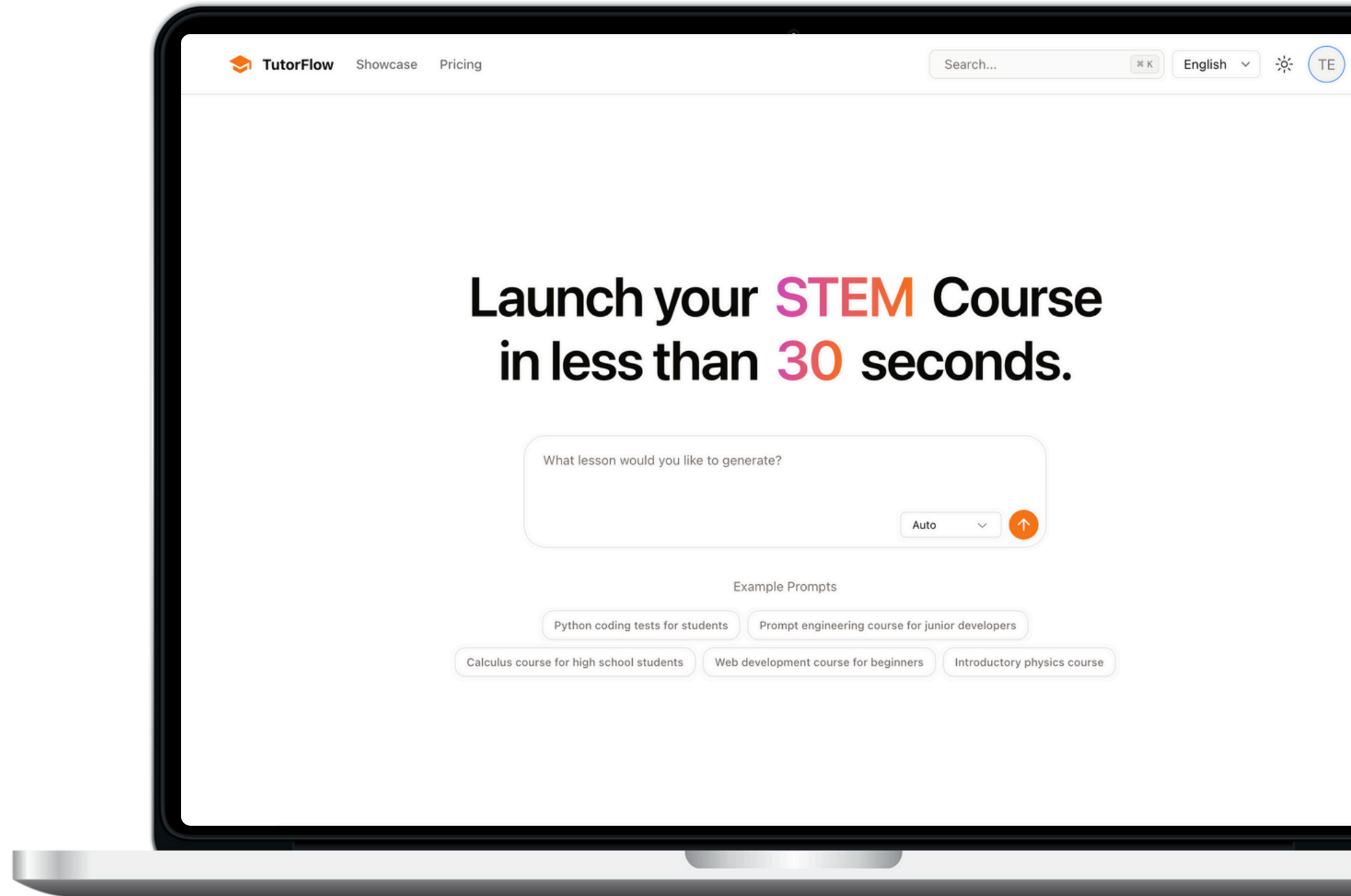




# TutorFlow

**Auto-generate** online STEM classes  
by simply using prompts.

Made by Agoras Inc. 





Increasing global demand for **STEM talent** → National-level promotion of STEM talent development.

**S**cience

**T**echnology

**E**ngineering

**M**athematics

Physics

Coding

Mechanical

Calculus

Chemistry

AI

Electrical

Algebra

Biology

Blockchain

Chemical

Geometry

Earth Science

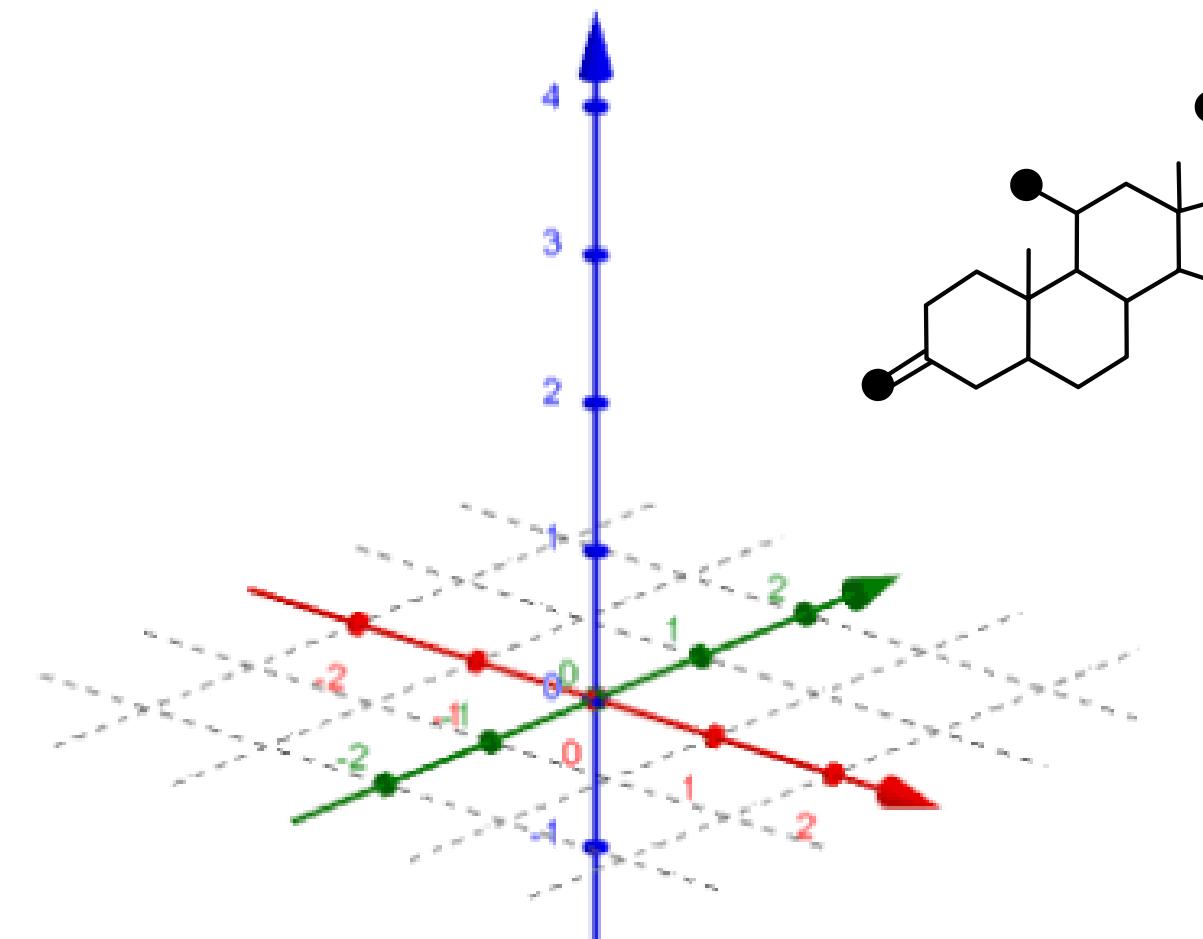
SQL

Architectural

Statistics

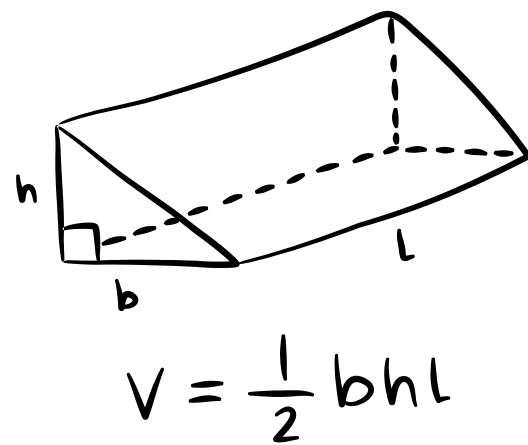
Python

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

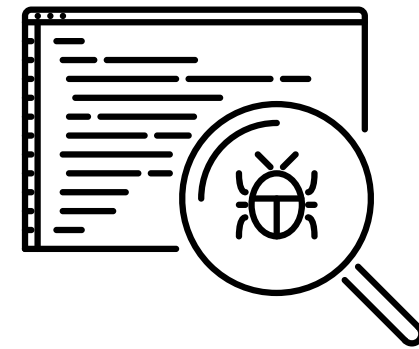




Existing LMS platforms have limitations in delivering STEM education online, especially for subjects like programming, engineering, and mathematics, which require **complex formulas**, **numerical analysis**, and **simulations**.



Challenges in creating and grading **formulas**, and **equations**



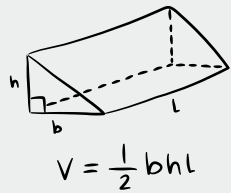
Time-consuming class setup with **complex permissions**



High labor costs for **analysis and feedback**



## Our Solutions



Complex STEM  
formula input

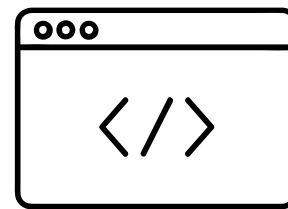


$$m = \frac{y_2 - y_1}{x_2 - x_1} \quad m = \frac{y_2 - y_1}{x_2 - x_1}$$

OCR & computer vision AI  
→ Auto input from  
handwritten scans



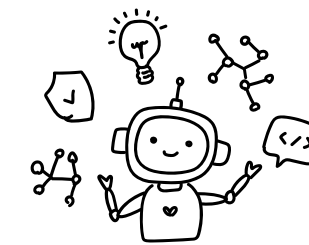
Time-consuming  
curriculum setup



Auto-generate STEM  
course content  
using simple prompts



Costs for performance  
analysis and feedback



Proactive AI for  
automated analysis and  
feedback



# 1. Generate online STEM courses in under **30 seconds** with a simple prompt.

## Prompt

Create a Python coding test course for students.

Auto

Enter a prompt that includes a description of the class you want to create.

The screenshot displays the TutorFlow interface. On the left, a sidebar shows a course structure for 'Python Coding Test Course' with sections like 'Python Basics', 'Control Structures', 'Functions and Modules', 'Object-Oriented Programming', 'Error Handling and Exceptions', and 'Python Coding Challenges'. Each section has a 'Create' button. The main content area shows the 'Python Basics' lesson, including an overview, key concepts (1. Python Syntax, 2. Variables), and a code editor with the following Python code:

```
1 a, b = map(int, input().split())
2
3 print(a + b, end='')
```

Below the code editor is a 'Submit' button and a table for results. The table has columns for 'No', 'Input', 'Output', 'Answer', 'Memory', 'Time', and 'Status'. The current state shows 'No results found'.

Generate Online Class



## What can be auto-generated?

The screenshot displays the TutorFlow interface. On the left, a chat window shows a user prompt: "Create a Python coding test course for students." The AI response is: "I will create a Python coding test course outline for students. Next, I will draft the course structure and key topics to cover." Below this, a "Python Coding Test Course" outline is shown with topics: Python Basics (checked), Control Structures, Functions and Modules, Object-Oriented Programming, Error Handling and Exceptions, and Python Coding Challenges. Each topic has a "Create" button. A chat input field asks "What class do you want to create?".

The main content area shows a "Preview" of a lesson titled "Python Basics". The "Overview" section reads: "Welcome to the Python Basics lesson! In this lesson, we will introduce you to the world of Python programming. Python is a versatile and widely-used programming language that is great for beginners and experienced programmers alike. We will cover fundamental concepts such as variables, data types, and basic input/output operations. These concepts will set the foundation for more complex topics in subsequent lessons." The "Key Concepts" section includes "1. Variables" with the text: "Variables are used to store information that can be".

On the right, a code editor shows Python code: 

```
1 a, b = map(int, input().split())
2
3 print(a + b, end='')
```

 Below the code is a "Submit" button and a table with headers: "No", "Input", "Output", "Answer", "Memory", "Time", "Status". The table currently shows "No results found".



Lecture content



Tests



Pop quizzes



Course titles, descriptions, and thumbnails



Lesson titles, descriptions, and practices



## 2. Coding practice and AI experience with multi-language support.

The screenshot displays the TutorFlow interface. On the left is a navigation sidebar for a 'Python Coding Test Course'. The main content area is divided into three sections:

- Content:** A sidebar menu with 'Python Basics' selected. The main text area shows an 'Overview' for 'Python Basics' and 'Key Concepts' including '1. Python Syntax' (with sub-points on Indentation and Comments) and '2. Variables'.
- Practice:** A code editor window showing Python code:
 

```
1 a, b = map(int, input().split())
2
3 print(a + b, end='')
```
- Outcome:** A table showing the results of a submission. A 'Submit' button is visible above the table.
 

No	Input	Output	Answer	Memory	Time	Status
1	1 2	3	3	3.39	17.00	AC
2	10 20	30	30	3.31	17.00	AC
3	0 0	0	0	3.30	17.00	AC
4	1234 5678	6912	6912	3.39	16.00	AC
5	4321 1234	5555	5555	3.41	18.00	AC
6	-42 100	58	58	3.32	16.00	AC

### ✔ Supported languages

C, C++, JAVA, Python  
Node.js, R, SQL, PHP,  
TypeScript, +  
(46 languages in total)

### ✔ AI experience class

- Object detection
- Generative AI
- AI training and inference

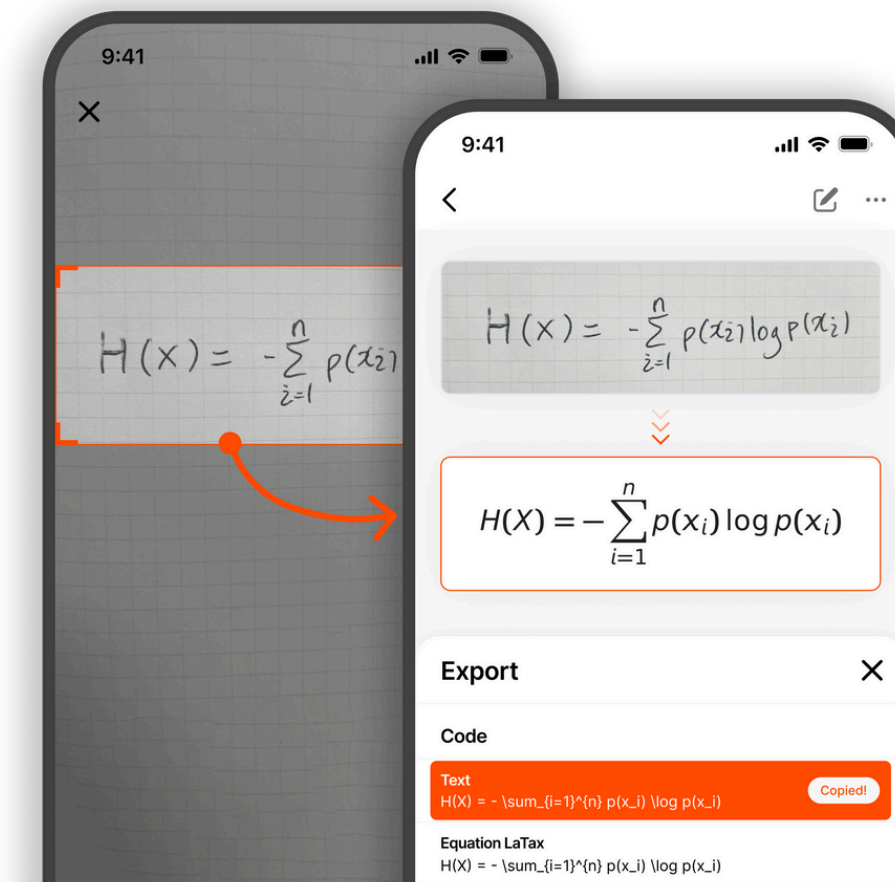


### 3. AI-powered OCR that automates formula input and instantly generates diagrams.

OCR interface showing the handwritten formula  $\int_0^1 (3x^2 + 2x) dx = [x^3 + x^2]_0^1 = 1 + 1 = 2$  and its digital representation. The interface includes a 'Copied!' button and a confidence bar.

### How it scans

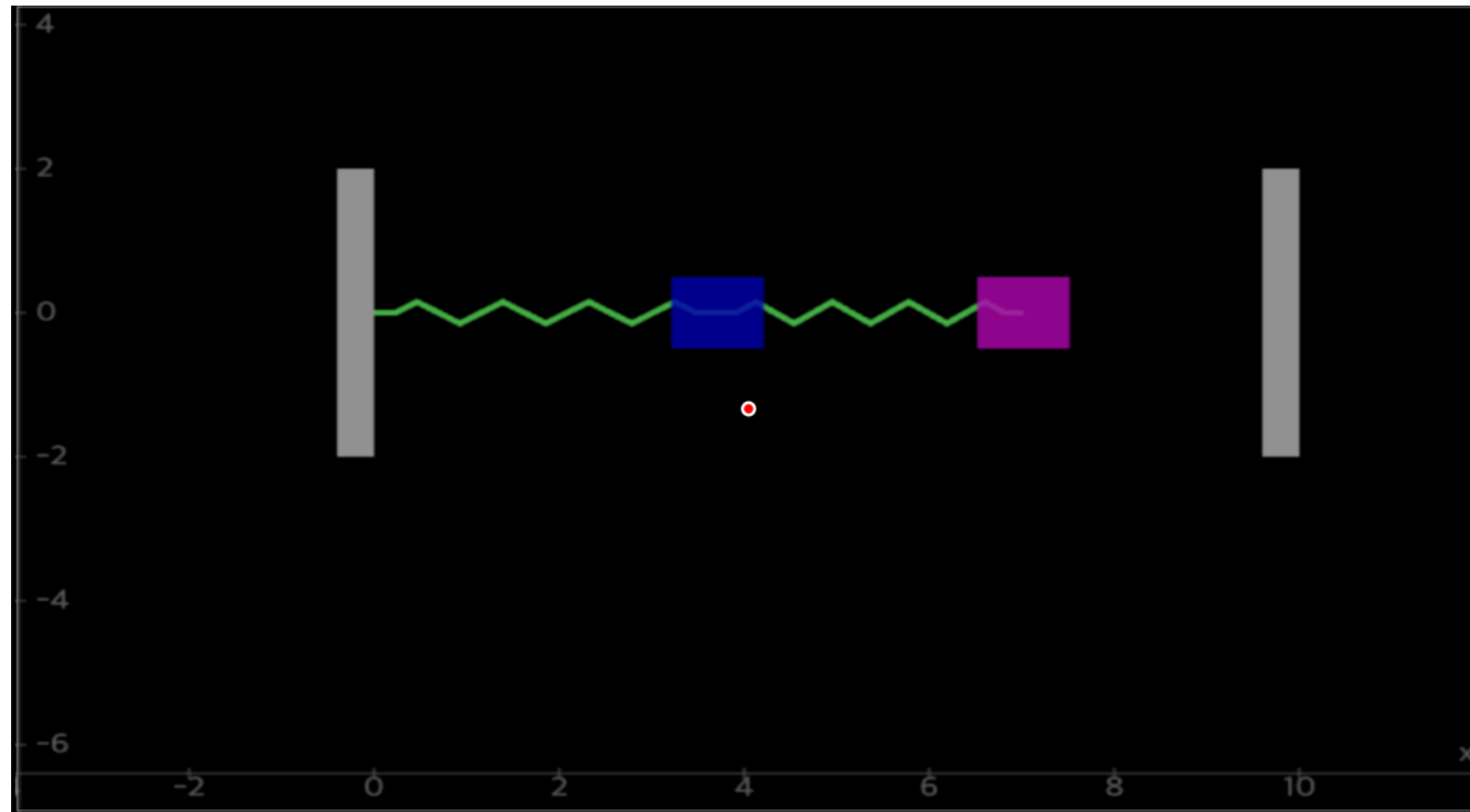
- ✓ Write directly on PC or mobile and upload
- ✓ Upload existing handwritten notes as images



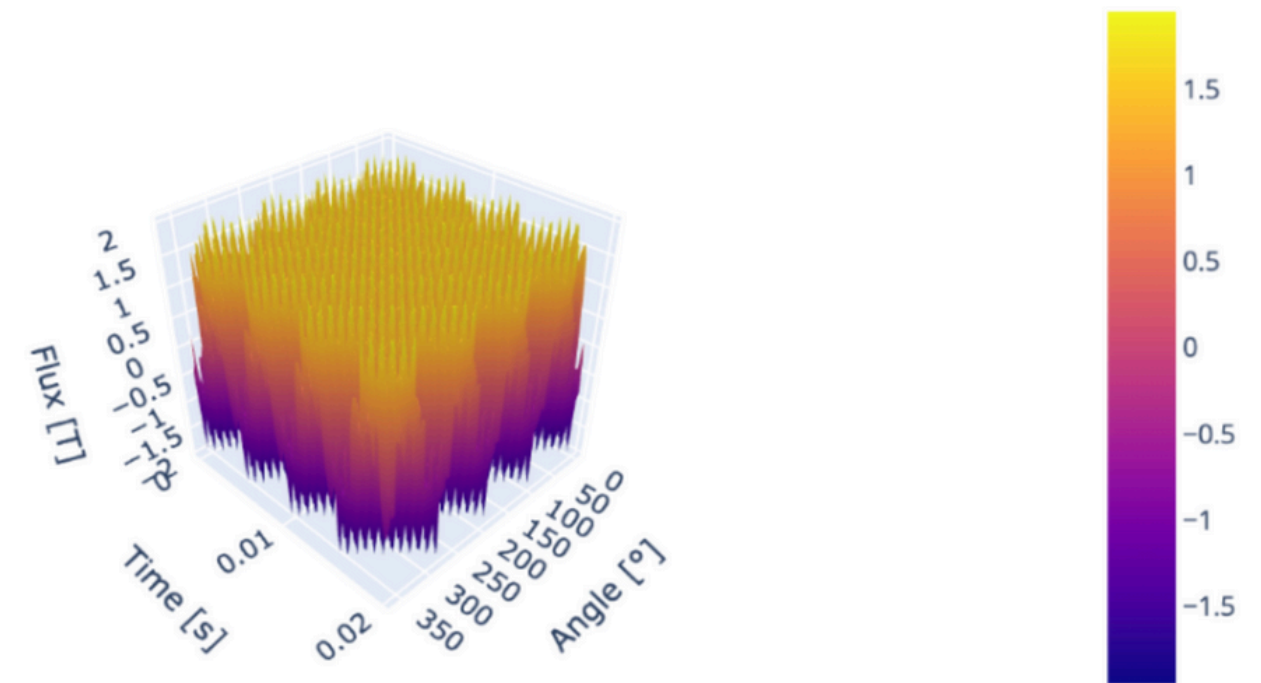




#### 4. **Web-based simulation** specialized for STEM (to be released in Q3 2025)



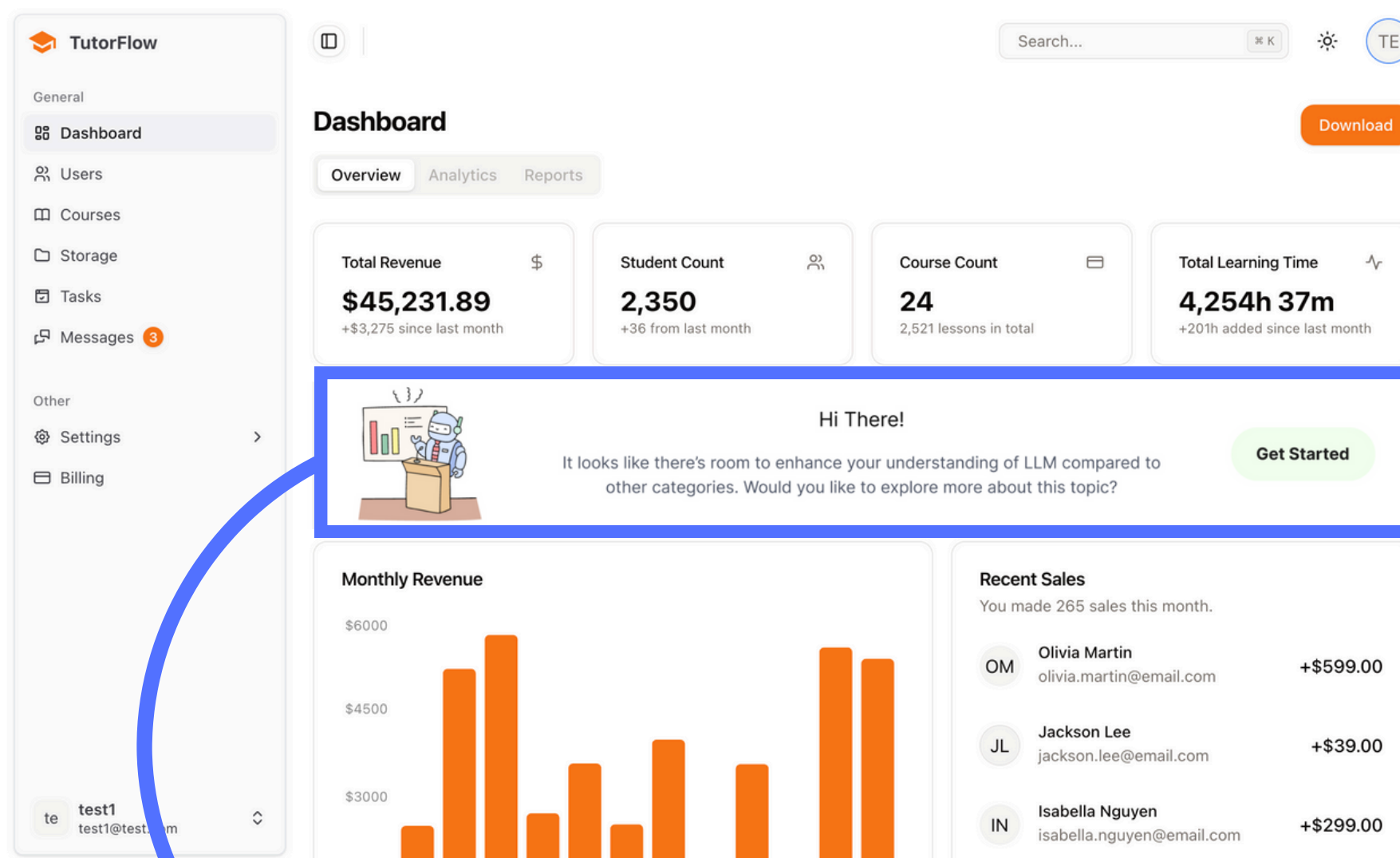
Physics simulation



3D dynamics simulation



## 5. **AI agent** that proactively delivers information and performs tasks autonomously. (to be released in Q3 2025)



AI agent

### Admins

Prompt-based automated performance analysis and reporting.

### Instructors

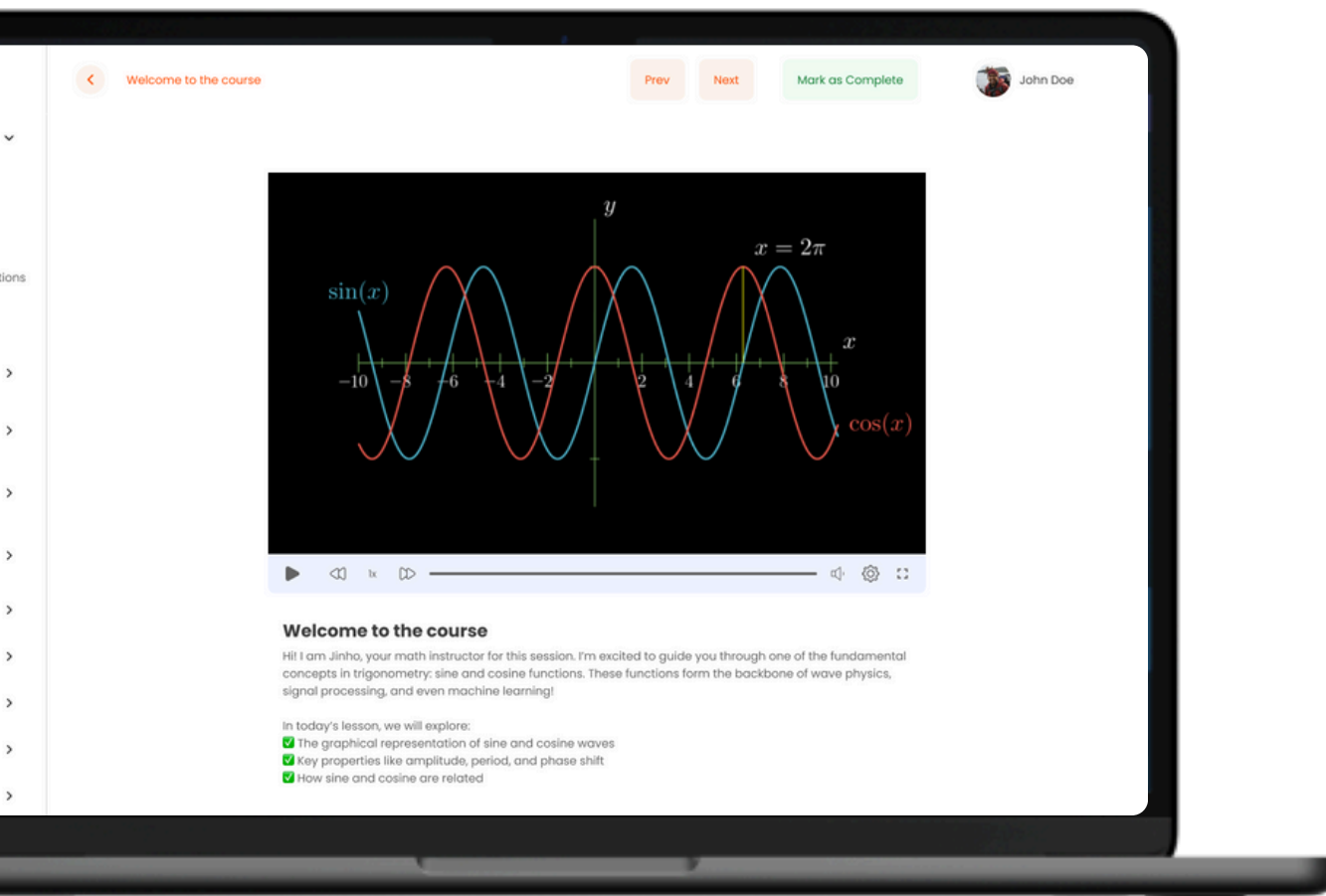
Personalized progress tracking and 1:1 feedback.

### Students

Understanding-based related materials and quizzes.



## 3 key values provided to customers



- ✓ **Auto-generate** online STEM classes by simply using prompts.
- ✓ **STEM-focused OCR** for easy formula input, specialized problem creation, and auto-grading.
- ✓ **AI agents** handle learning analytics and feedback, minimizing admin tasks and boosting productivity.

# What makes TutorFlow Different?



	Blackboard	Canvas	Moodle	Docebo	TutorFlow
General-purpose LMS	✓	✓	✓	✓	✗
STEM-specialized LMS	✗	✗	✗	✗	✓
Auto-generate classes	✗	✗	✗	✗	✓
AI Agent	✗	✗	✗	✓	✓
Math OCR	✗	✗	✗	✗	✓
Coding Practice	✗	✗	✗	✗	✓



Yearly

Save 40%

Monthly

### Individual

# US\$19

Per month

For your personal tutoring

- ✓ Includes up to 1,000 prompts per month
- ✓ Up to 50 students
- ✓ 5GB storage

Get Started

### Team 🔥 Most Popular

# US\$79

Per month

Great for small teams

- ✓ Includes up to 5,000 prompts per month
- ✓ Up to 200 students
- ✓ 30GB storage

Get Started

### Organization

# US\$159

Per month

For mid-sized organizations

- ✓ Unlimited class generation
- ✓ Unlimited student enrollment
- ✓ 100 GB storage
- ✓ Custom domain

Get Started

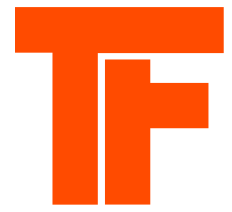
### Enterprise

# Custom

For large enterprises

- ✓ Everything in Organization
- ✓ Custom landing page
- ✓ Custom billing
- ✓ Dedicated support

Contact Us



**Learn. Practice. Win.**  
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