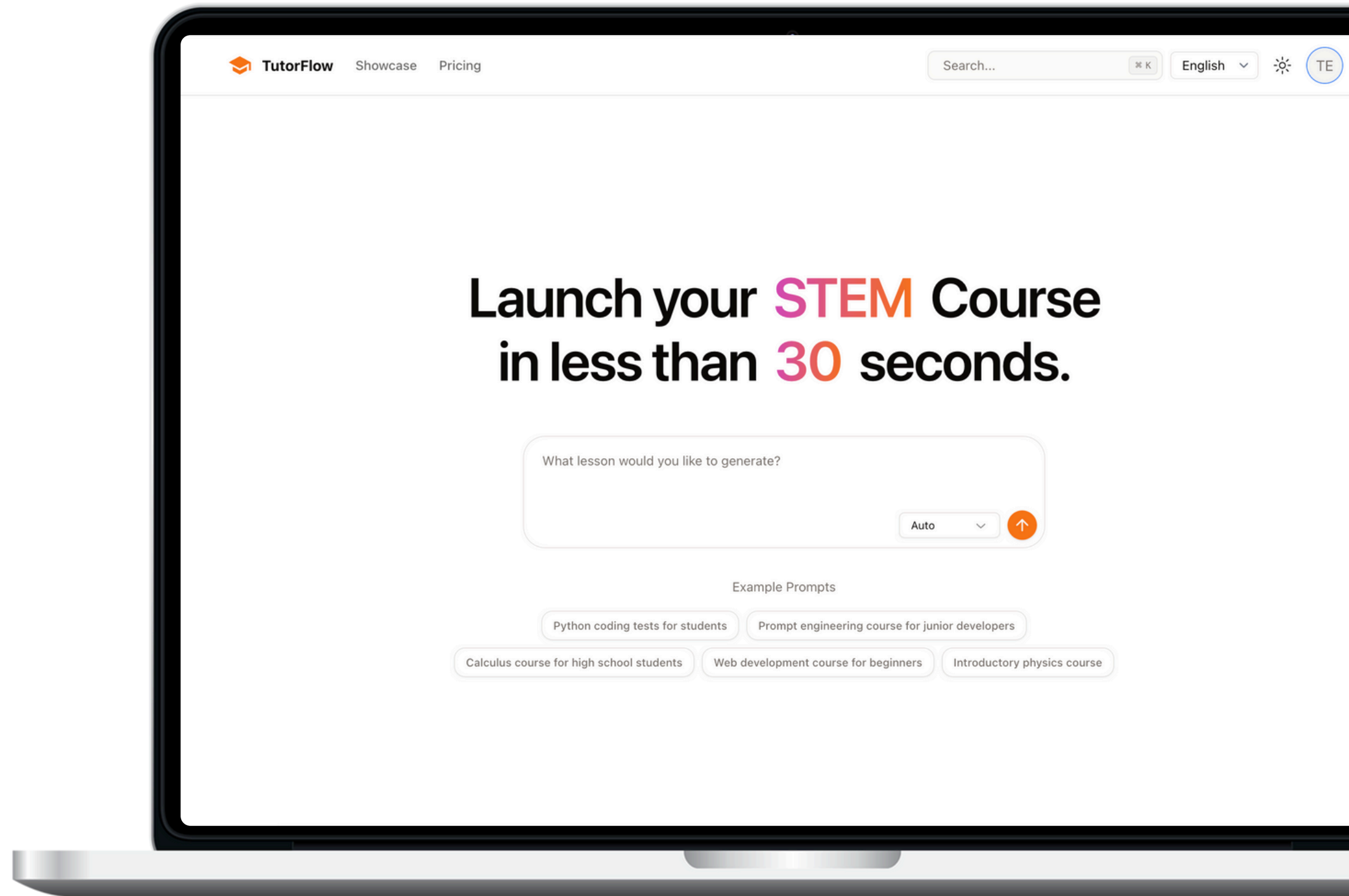




TutorFlow

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.

Science

Technology

Engineering

Mathematics

Physics

Coding

Mechanical

Calculus

Chemistry

AI

Electrical

Algebra

Biology

Blockchain

Chemical

Geometry

Earth Science

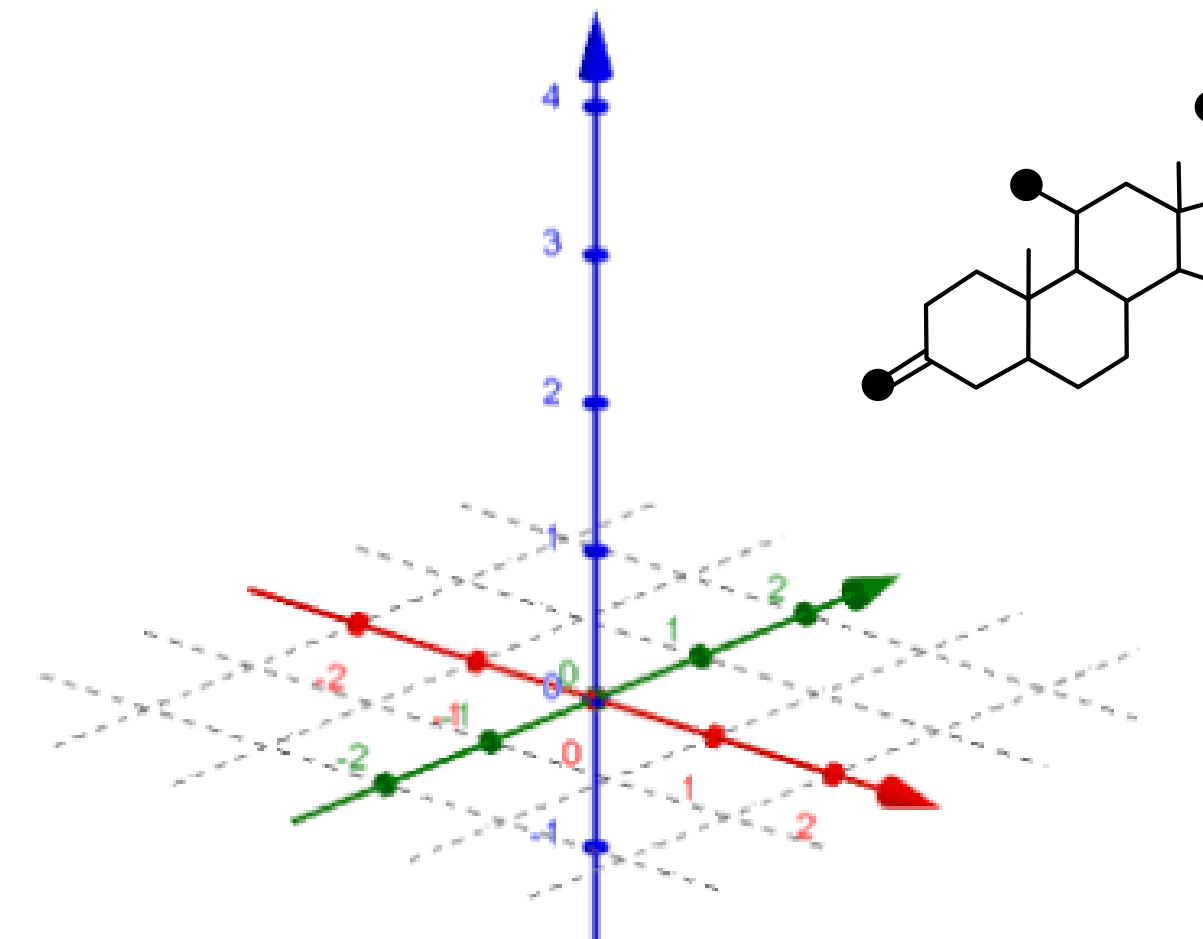
SQL

Architectural

Statistics

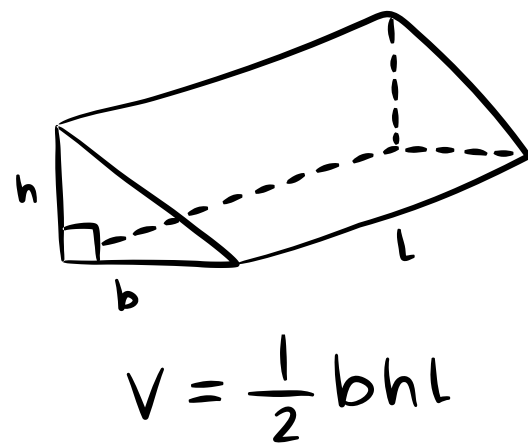
Python

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

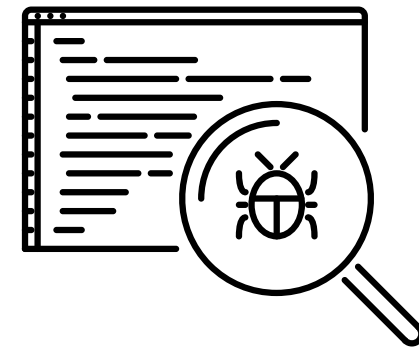




Existing LMS platforms have limitations in delivering STEM education online, especially for subjects like programming, engineering, and mathematics, which require **complex formulas**, **numerical analysis**, and **simulations**.



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



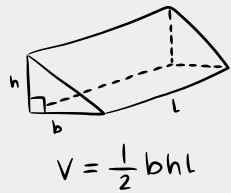
Time-consuming class setup with **complex permissions**



High labor costs for **analysis and feedback**



Our Solutions



Complex STEM
formula input

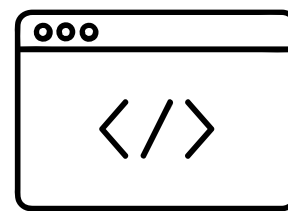


$$m = \frac{y_2 - y_1}{x_2 - x_1} \quad m = \frac{y_2 - y_1}{x_2 - x_1}$$

OCR & computer vision AI
→ Auto input from
handwritten scans



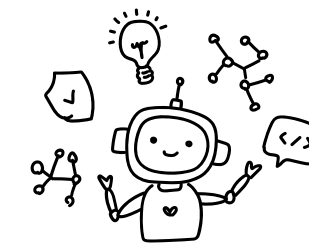
Time-consuming
curriculum setup



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 contains the text: "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." Below this is the "Key Concepts" section, starting with "1. Variables" and 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.

Content

Python Basics

Overview

In this lesson, students will learn the fundamentals of Python programming, including syntax, variables, and data types. These are essential for understanding more complex concepts in subsequent lessons. The lesson will include interactive coding exercises and error identification tasks to reinforce learning.

Key Concepts

1. Python Syntax

- Indentation:** Python uses indentation to define blocks of code. Each block must be indented by the same amount.
- Comments:** Use # to add comments in your code. Comments are ignored by the Python interpreter.

2. Variables

Practice

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

Submit

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

Outcome

1 / 6

✔ 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

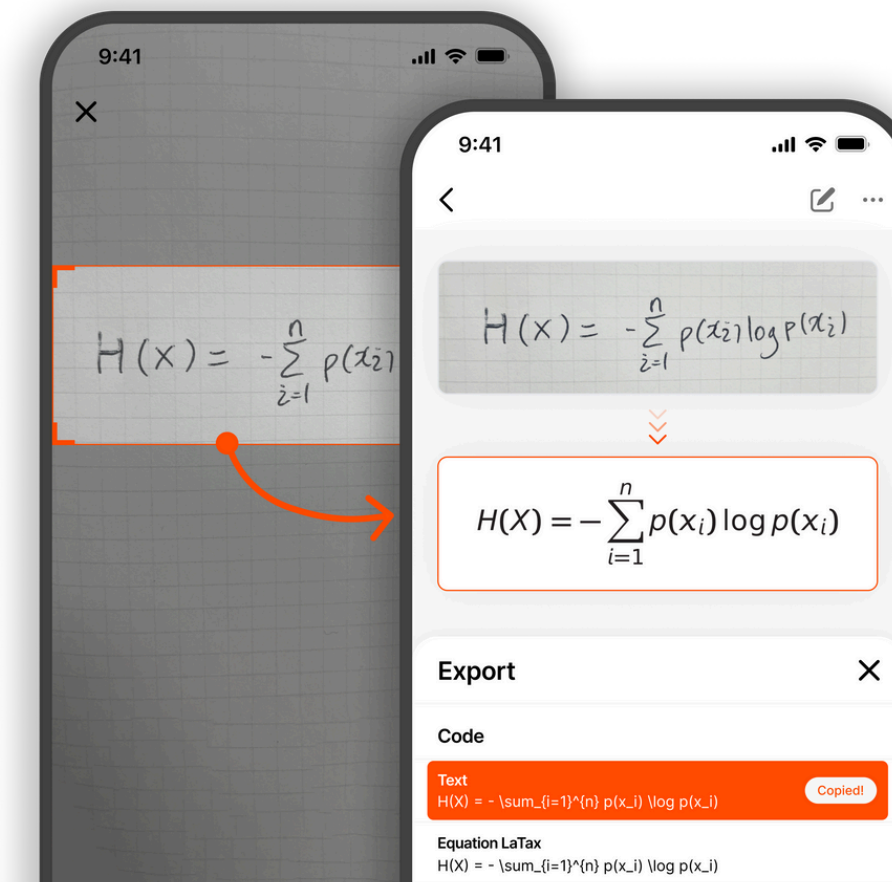


3. AI-powered OCR that automates formula input and instantly generates diagrams.

The screenshot shows a web application interface with a navigation bar at the top containing icons for home, search, and settings, and a page number '147 / 156'. Below the navigation bar are tabs for 'OCR', 'Data', 'Original', and 'Solver'. The main content area displays a handwritten integral formula: $\int_0^1 (3x^2 + 2x) dx = [x^3 + x^2]_0^1 = 1 + 1 = 2$. Below the handwritten formula is a typed version of the same formula: $\int_0^1 (3x^2 + 2x) dx = [x^3 + x^2]_0^1 = 1 + 1 = 2$. At the bottom of the interface, there is a 'Confidence' bar and a 'Copied!' button.

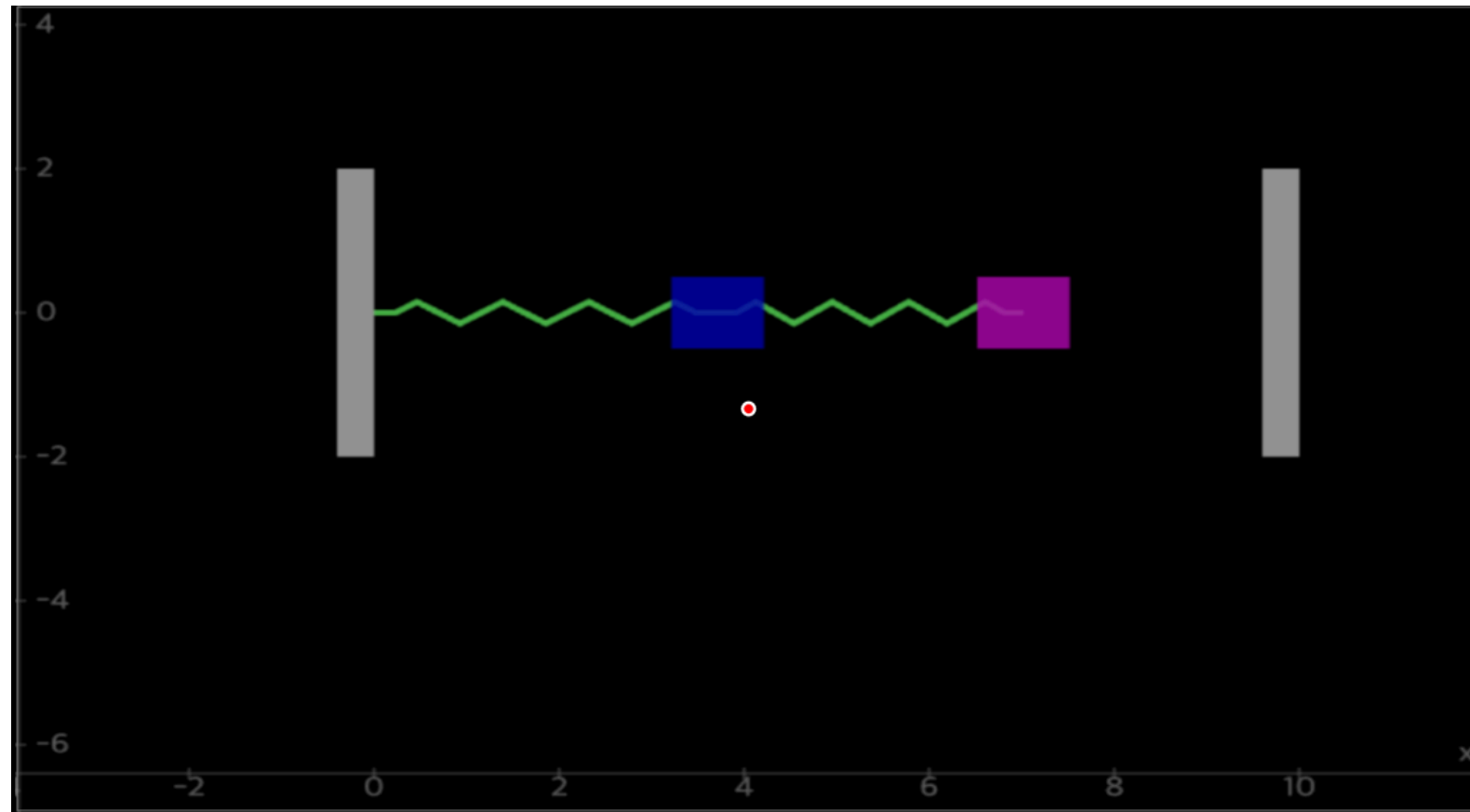
How it scans

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

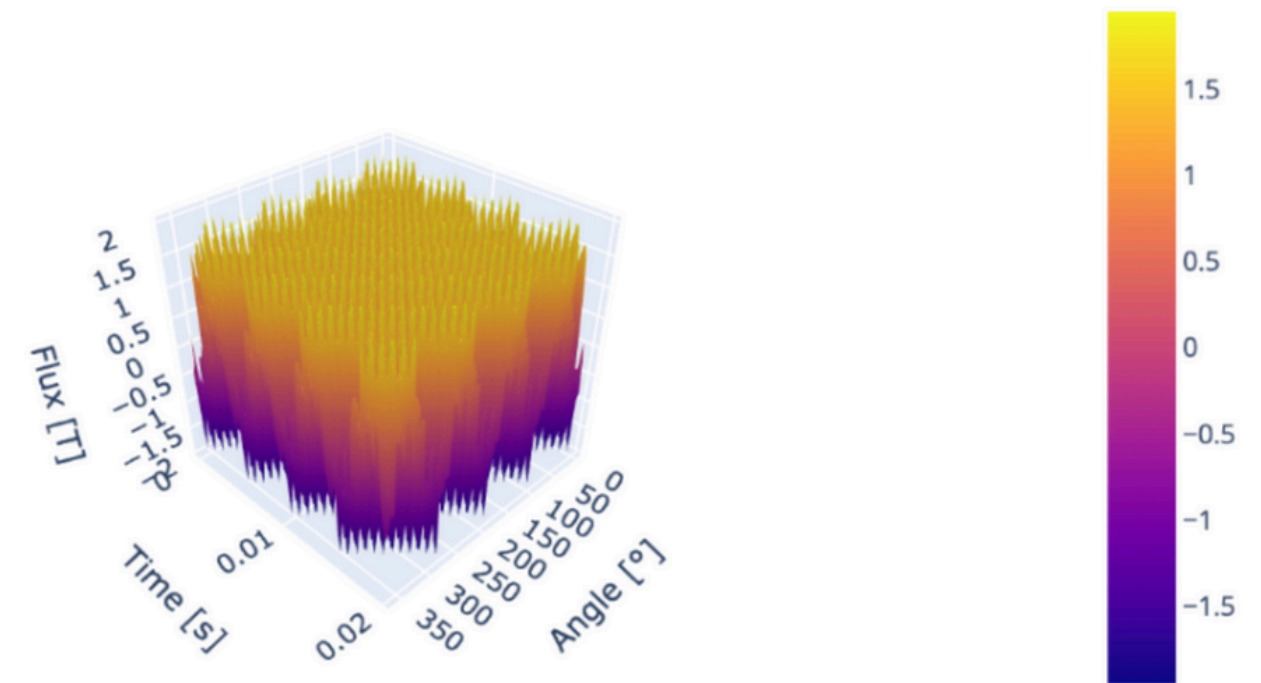




4. **Web-based simulation** specialized for STEM (to be released in Q3 2025)



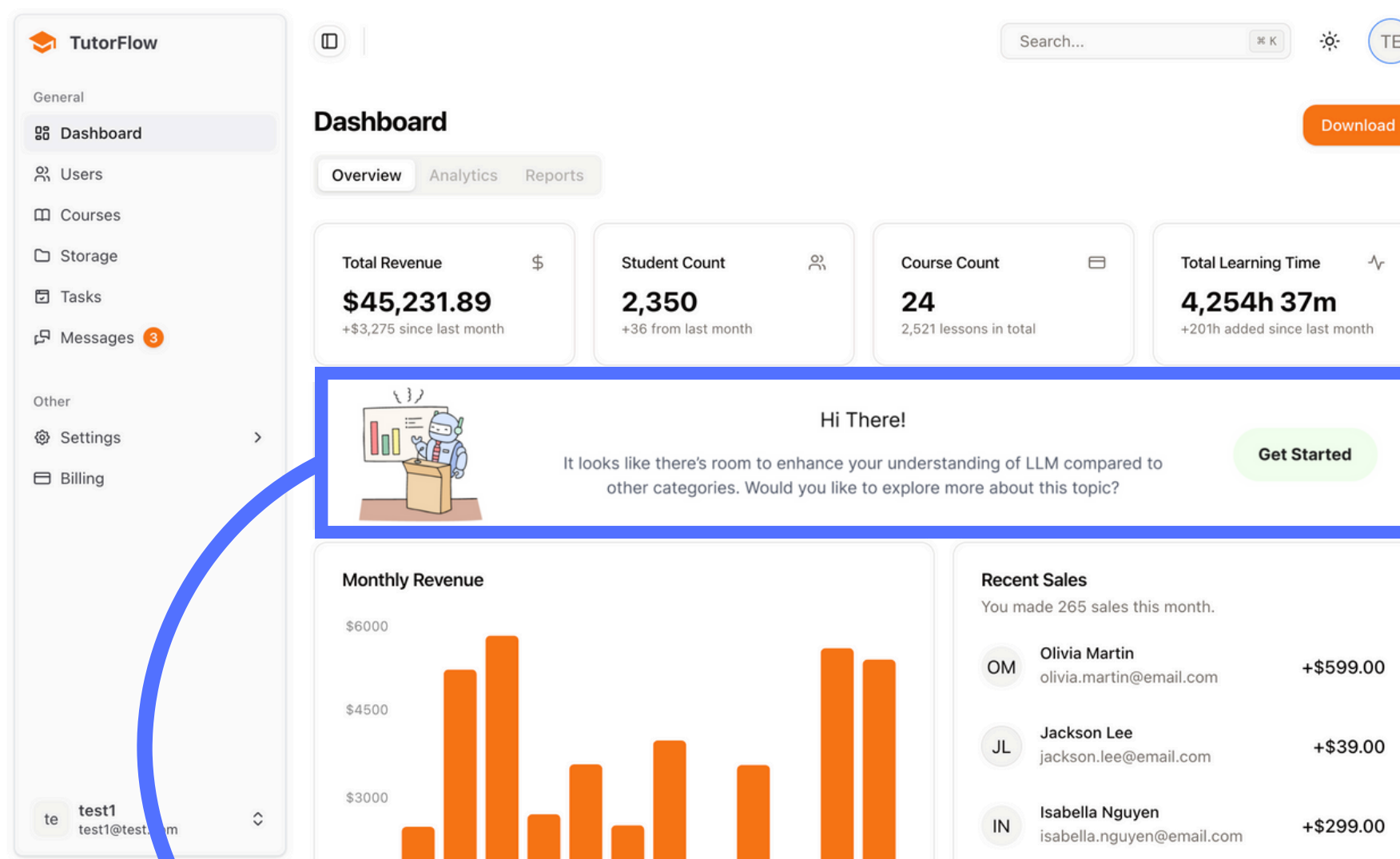
Physics simulation



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

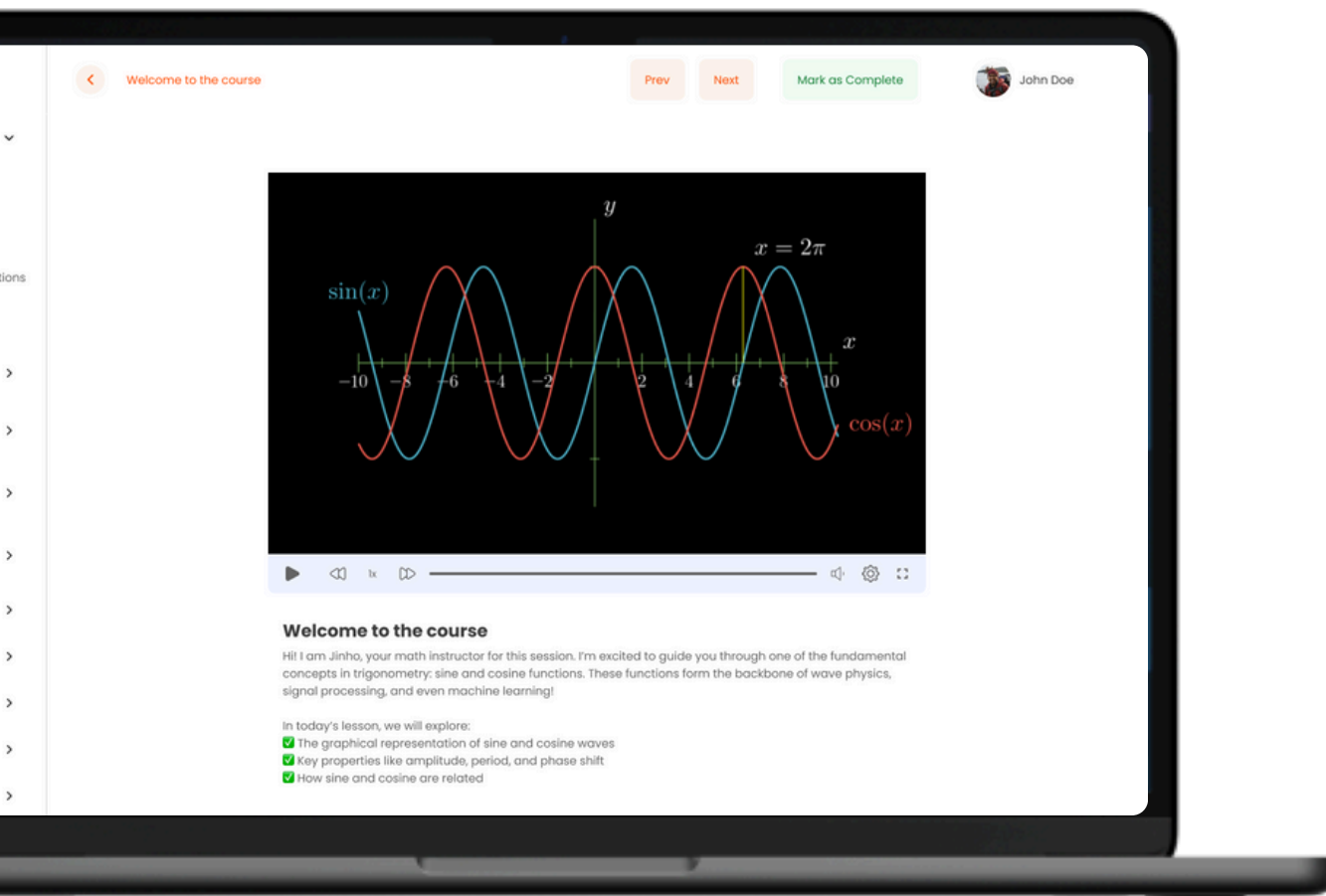
Personalized progress tracking and 1:1 feedback.

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

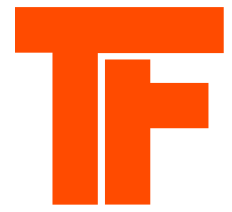
Enterprise

Custom

For large enterprises

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

Contact Us



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with TutorFlow

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