

**LearnIt AI**

Authored by Sahil Dadhwal, Vicky Kang, Mai Westfall

**33 Percent**  
of first-generation  
students drop out

Source: NCES

Financial Aid

Daycare

# Colleges offer assistance...

Counselors

But is that enough..?

# Anna lost her scholarship





# LearnIt AI

Supporting students' success

# LearnIt AI



- Smart Schedule Generation
- Week by week:
  - Daily breakdown
  - Youtube resources
  - Review and quizzes



groq

The screenshot displays the LearnIt AI interface, which is designed for course management and scheduling. The top section features a dashboard with four key metrics: 4 Weeks, 43 Study Hours, 34 Video Resources, and 17 Quiz Questions. Below these metrics are three action buttons: 'Export to Calendar', 'Print Schedule', and 'Share'.

The main content area is divided into two parts. The upper part shows a weekly overview for 'Week 1: Introduction to Computer Security', 'Week 2: Cryptography and Privacy', 'Week 3: Network Security', and 'Week 4: Cryptography and Encryption'. Each week entry includes a brief description and a 'Your Progress' indicator showing '0% Complete'.

The lower part provides a detailed daily breakdown for 'Monday (Oct 25)' and 'Tuesday (Oct 26)'. For Monday, the topic is 'Introduction to Computer Security' (2.5 hours), with tasks like 'Understand the importance of computer security' and 'Familiarize yourself with the course syllabus and resources'. For Tuesday, the topic is 'Systems Security and Exploitation' (2.5 hours), with tasks like 'Understand the basics of systems security' and 'Learn about common types of exploits'. Both days include buttons for 'Take Quiz (1 questions)' and 'Mark Complete'.

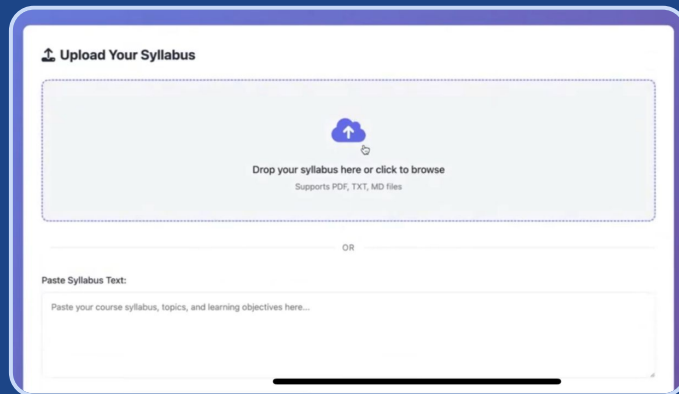
# Simple to Start

Works on multiple devices

File & paste support

Copy, export, or print your schedule

For any student,  
at any time



The screenshot shows a web interface titled "Upload Your Syllabus". It features a large dashed rectangular box in the center with a cloud icon and an upward arrow. Below the icon, the text reads "Drop your syllabus here or click to browse" and "Supports PDF, TXT, MD files". Below this box, the word "OR" is centered. Underneath, there is a section labeled "Paste Syllabus Text:" followed by a text input area with the placeholder text "Paste your course syllabus, topics, and learning objectives here...".



# Keeps Motivation

Exports in calendar apps  
Tracks and saves progress  
Instant feedback & explanations



Monday (Nov 8)

2.5 hours

### Introduction to Network Security

- ✓ Understand the basics of network security
- ✓ Learn about different types of network threats

Introduction to network security

Network protocols explained

Take Quiz (1 questions)

Mark Complete

#### Your Progress

0% Complete



# Future Direction

- Collaborative study groups
- AI tutoring chatbot
- Study streak gamification
- Custom study intensity levels
- Flashcard generation





**Assisting students  
along their journey**

**Thank You!**

# Appendix

# Architecture

