MONTAGUE-CENTER FOR TEACHING EXCELLENCE SCHOLAR AWARD

Boone's Finance Boot Camp

A lean, scalable model for foundational finance preparation

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More than a video library

Nineteen short videos, 1,400 randomized practice questions, reusable learning materials, and a specialized LLM tutor grounded in the Boot Camp—free to students and designed for faculty reuse.

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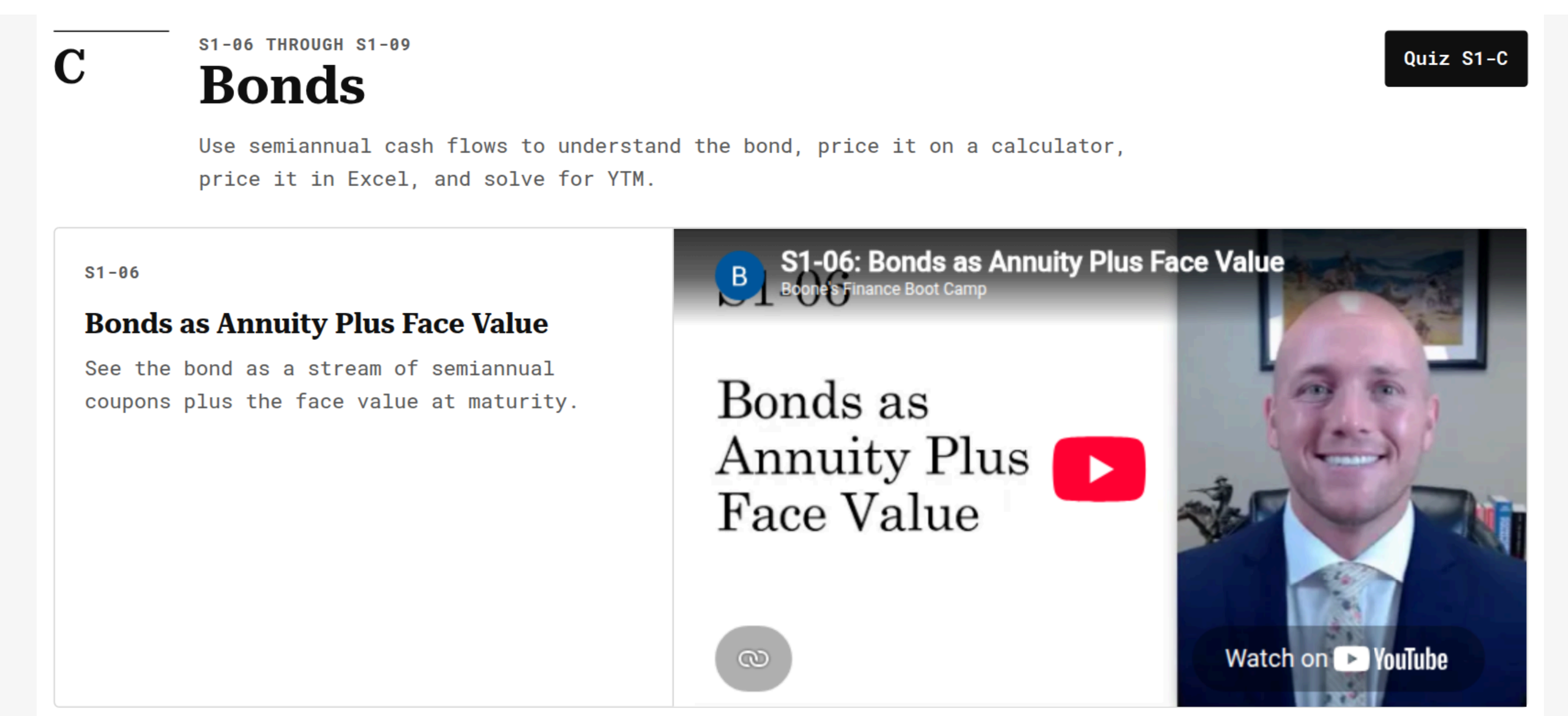
01 · THE NEED

Move foundational review outside class—without leaving students alone.

Students enter finance courses with uneven preparation. The original proposal aimed to give incoming finance students explanations they could replay at home so class time could focus on cases, decisions, and feedback.

02 · PROPOSAL TO PLATFORM

Short videos	**19 sequenced lessons**
Practice sheets	**7 randomized quiz banks**
Simple hosting	**Public site + YouTube + LLM**
Supporting files	**Notes, 6 workbooks + TC-12C**
Supporting tutor	**Specialized, source-grounded LLM**



Faculty-led and concise. Short lessons pair focused explanations with on-screen finance content.

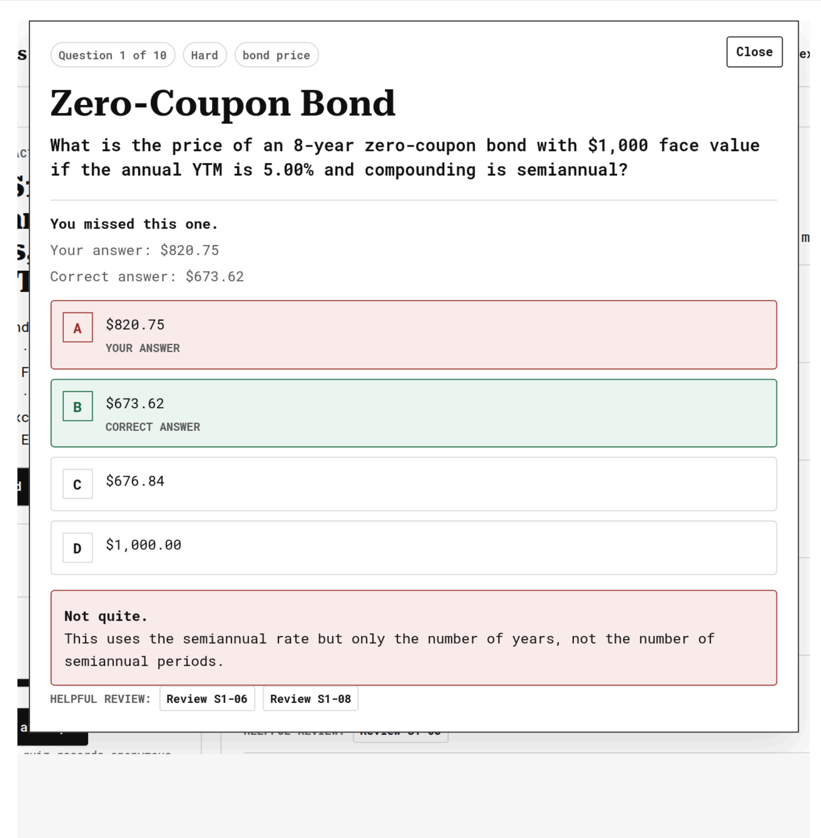
03 · STUDENT PATHWAY

Watch → **Practice** → **Review** → **Apply** → **Ask VB**

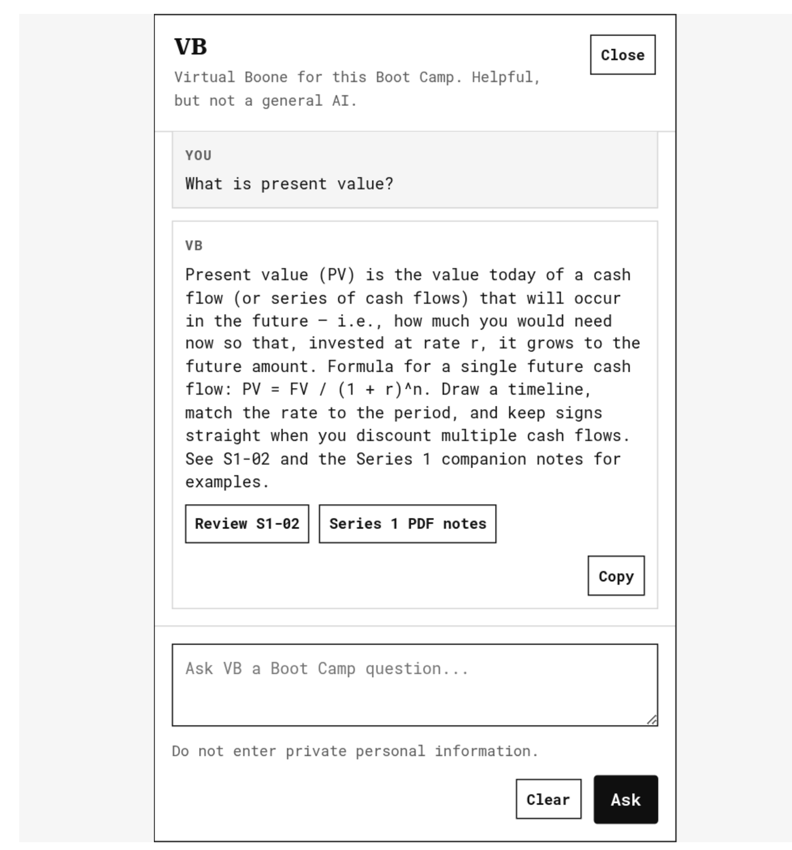
19	**7**	**1,400**	**2**	**6**
videos	quiz banks	questions	note sets	workbooks

04 · PRACTICE AND SUPPORT

Immediate feedback, repeated practice, and help that points students back to learning.



Corrective feedback. A missed answer is explained and paired with a direct review link.



Virtual Boone. A specialized LLM tutor explains, hints, and links to the relevant lessons and practice.

Quiz design
Standard and challenge modes; varied families, skills, and difficulty; immediate feedback.

VB guardrails
Kept off quiz pages and instructed to guide rather than become an answer key.

Measurement
Aggregate traffic and private anonymous quiz events; no student account required.

PLANNED NEXT ITERATION

Mastery Practice

An optional third mode will use the existing question tags and answer-specific feedback to select each next question. A missed answer triggers focused review and a fresh problem; varied, unassisted success leads to a mastery check and then the next concept.

Question → **Answer** → **Feedback** → **Adapt** → **Mastery check** → **Move on**

PLANNED—NOT YET IMPLEMENTED

05 · BUILT FOR USE

One resource, several points of need.

The Boot Camp is free, self-paced, and available without an account. Students and faculty can link to the full sequence or go directly to a lesson, quiz bank, workbook, note section, calculator, or VB.

BEFORE A COURSE
Incoming finance students
Refresh foundations and identify gaps before class begins.

AT A POINT OF NEED
Targeted review
Return to one concept before an assignment, exam, or advanced application.

THROUGH FACULTY REUSE
Direct, modular links
Share only the lessons and practice that fit another course.

Thoughtful evaluation
The October–November MBA use period will provide initial evidence about reach, engagement, and perceived usefulness—without claiming causal learning improvement.

06 · LEAN PRODUCTION

The larger lesson is the economics of creation.

Faculty expertise + **Existing materials** + **AI-assisted production**

Faculty on-camera recording time **≈ 2.5 hours**

Creating the Boot Camp changed how I think about the cost-to-benefit ratio of online education. I saw how much a faculty member can now produce by combining subject-matter expertise with AI at remarkably low cost.

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Grant stewardship
Funds supported platform development with Codex, an AI-assisted development tool, and operation of VB. Remaining funds can continue VB, seed a new Equity Analysis or Capital Structure series, or support both.

Acknowledgment
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bootcamp.boonebowles.com