

**Watching with Purpose:**

**How AI Can Help Assess  
Student Skill Videos**

# Presenters

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# Learning Objectives

1. Outline the AI tool created by Appstate systems team and how it has been implemented within the Vet Tech clinicals curriculum.
2. Identify the advantages and limitations of the tool while exploring the student and faculty evaluator data after the first semester of use.
3. Describe how utilizing an AI evaluation system for skills videos is beneficial, while also following all requirements of the AVMA-CVTEA

# AI is Everywhere

How can we we use it for good  
in our Vet Tech Programs?

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# Vet Tech AI Grading Assistant

- It started at an IT conference...
- Who is the tool for?

# AI Process for Students & Faculty

- Download a transcript from a single clinicals skill video.
- Upload that transcript and the skill rubric to the AI Grading Assistant
- The AI does a quick analysis to see how the transcript aligns to rubric requirements

# Technology

- Canvas is our current LMS
- We use Kaltura Media as our video repository.

Kaltura creates the transcripts of student videos.

# Video Sample

- **Canine Jugular Venipuncture Restraint**



# How does this video stack up against the rubric?

- Donned appropriate clothing and PPE; displayed skill number and date on paper or dry erase board; student clearly showed their face and stated the skill number being recorded
- Properly positioned the dog for jugular venipuncture access
- Restrained per program policy without causing harm to the animal
- Applied pressure to the venipuncture site after removal of the needle

# AI Grading Assistant Demo

- Caption File
  - Rubric File
  - Link to Upload
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# Video Review & Evaluation

How did your evaluation compare to AI?

# Testing & Tool Improvement

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# Testing

- Faculty Testing
- Meeting with AI team from IT

# Features Added after Testing

- Needed to allow multiple caption files for each submission
- Link to standardize rubrics
- Added PDF download option
- AI info link added to tool

# Implementation & The Reality

## Timeline

### Spring 2026

First implemented with initial semester bugs addressed during the early launch phase.

## The Upside

### Pros

Positive outcomes, user adoption, and key benefits observed during the initial rollout.

## The Challenges

### Cons

Key friction points, limitations, and areas identified for future system improvement.

# How This Can be Helpful in the Future

- Goals for Students
- Goals for Faculty

# AI & Accuracy

The analysis relies solely on the text provided in the skill rubrics and video transcripts.

It may misinterpret nuance or context missing from the written record.

Always confirm critical findings with human review!

# Noticed Limitations

- Additional steps for faculty and students
- Reviews audio, not visual
- Lack of trust in AI

# Reviews From Students

- Yes, I tested it once and it passed me on a skill where I knew I was missing something on the rubric.
- No. I am sick of having overbearing AI features forced into what feels like every aspect of being online, so I am just not at all interested in trying it.
- No because I don't like using AI and its effects on the environment. I don't think AI should be used in schools.
- I have not. It just feels like an extra step that is unnecessary. I would use it if I had a skill that I have failed a couple of times before I submit it for the final time.
- No. I personally am not tech savvy and feel like I will not benefit as much from the AI system telling me what I did wrong.
- I have not tried it. I try to reduce AI usage where I can due to the environmental and economic impacts
- I have not tried using the AI review system. I am not a huge fan of AI and in general try to avoid using it when I can. Also with this being my 3rd round of clinical externship I feel comfortable reviewing the skill rubrics and checking that I hit all the points. If I miss a couple or did not complete it quite right, I have no problem attempting again.
- I haven't used it yet because I feel like I have not needed to use it yet. Once I start submitting the more advanced skills, I think I will start to use it.
- Yes, I like it can give me a basic review of my videos
- No, I have a moral opposition to the use of AI
- I have not because I'm not used to using AI things and I specifically do skills based on their rubrics and what I have learned from the program.

# Keeping in line with AVMA-CVTEA Requirements

The bottom line is a human reviewing and evaluating the video are required for the student grade and the pass/fail determination.

# Tech FAQs

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- Can this tool be shared with other schools?

# Tech FAQs

- The uploaded transcript and the rubric are not stored anywhere.
- The content is sent to the Azure OpenAI resource, processed in real time to generate a response, and then discarded.
- Nothing persists after analysis is complete.

# Tech FAQs

- Does the AI get smarter over time as students make more submissions?

# Contact Us

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# Questions?

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