**Rubiqs Grader — FERPA-Compliant AI Grading Tool**

Rubiqs Grader is an AI-powered LTI 1.3 tool designed for seamless integration with LMS platforms like Moodle and Canvas. It automates the grading of student submissions using GPT, based on instructor-defined rubrics and criteria. Instructors can configure assignments, review pending submissions, and approve or edit GPT-generated feedback before it’s posted to the gradebook.

**✅ Key Features:**

* AI Grading Engine: Grades PDFs, DOCX, and text-based submissions using rubrics.
* Instructor Approval Workflow: Instructors can review, edit, and approve GPT-generated grades.
* Custom Rubric Upload: Rubrics are uploaded and stored per assignment by instructors or instructional designers.
* Feedback Personalization: Includes faith-based, motivational, or neutral feedback modes.
* Auto-Grade Posting via AGS: Pushes final scores and feedback to the LMS gradebook automatically.
* ZeroGPT Scan: Built-in AI writing detection tool for suspected AI-generated work.

**🛡️ FERPA Compliance Updates (April 2025):**

Rubiqs is now fully FERPA-compliant and ready for institutional deployment at universities like BYU:

* No PII Stored: No personally identifiable information is saved in the database or transmitted unnecessarily.
* Encrypted Storage: All assignment files and rubrics are stored securely in Supabase with access controls.
* Student Data Minimization: Only essential metadata (e.g., LMS user ID, assignment name, submission text) is used temporarily for grading purposes.
* Instructor Access Only: Submissions requiring review are only visible to instructors within the LMS context.
* Audit Logs & Transparency: Activity logs track grading actions, rubric changes, and instructor approvals for full traceability.
* Secure Hosting: Hosted on Render with SSL and tokenized LTI launches, restricting access to authorized LMS users only.
* Scoped Permissions: LTI scopes are minimal and purpose-specific, ensuring Rubiqs only accesses data required to perform grading.