SPECIMEN — FICTIONAL · DEMONSTRATION

Tamper demonstration: one changed grade

Veri Eval · Specimen 03 (fictional) · For the AI extraction paper

What was done

On the clean digital copy of fictional Specimen 03, one grade was changed the way a simple forgery is often made: the printed grade was covered with a white box and a new grade typed on top. **GEN 101, Semester 1: C+ was changed to A−.** Nothing else was touched.

Before

Semester 1

Code	Course Title	Cr	Grade
BIO 101	Ecology	3	B
MTH 101	Real Analysis	3	B
BIO 102	Molecular Biology	3	B
MTH 102	Abstract Algebra	3	B-
LAB 101	Programming Laboratory	1	C+
ECO 101	Microeconomics	3	B+
ENG 101	Academic Writing	3	A
STA 101	Experimental Design	3	B
CHM 101	Chemistry Laboratory I	1	B-
GEN 101	Logic and Critical Thinking	3	C+
	Term credits / GPA	**26**	**3.00**

Semester 3

Code	Course Title	Cr	Grade
PHY 201	General Physics I	3	B-

After

Semester 1

Code	Course Title	Cr	Grade
BIO 101	Ecology	3	B
MTH 101	Real Analysis	3	B
BIO 102	Molecular Biology	3	B
MTH 102	Abstract Algebra	3	B-
LAB 101	Programming Laboratory	1	C+
ECO 101	Microeconomics	3	B+
ENG 101	Academic Writing	3	A
STA 101	Experimental Design	3	B
CHM 101	Chemistry Laboratory I	1	B-
GEN 101	Logic and Critical Thinking	3	A-
	Term credits / GPA	**26**	**3.00**

Semester 3

Code	Course Title	Cr	Grade
PHY 201	General Physics I	3	B-

To the eye the edit is invisible. Three independent checks still find it.

What gives it away

Check	Original	Altered	What it shows — and its limit
1. File details (read from the PDF, not by AI)	Producer: Skia/PDF (Chrome) Created = Modified	Producer: a different program Modified 7 minutes after created	The file was opened and re-saved in another program after it was made. *Limit:* innocent re-saves do the same, and details can be wiped. A reason to look closer, not proof.
2. Hidden text layer	One grade under GEN 101: C+	Two grades in the same spot: C+ (covered) and A− (on top), in different embedded font copies	The original value is still in the file under the white box. *Limit:* only on digital PDFs; a scan has no text layer.
3. Arithmetic (the same check the paper uses for AI errors)	Semester 1 printed GPA 3.00 = GPA from grades 3.00	Printed GPA still 3.00; GPA from the visible grades is 3.16	The grades no longer agree with the printed GPA. Works on scans and digital files alike, and on any tool's extraction. *Limit:* a forger who also changes every total defeats it, so it is one check among several.

The point for the paper. The check that catches an AI copying a grade wrong — recompute the printed totals and GPAs from the extracted lines — is the same check that catches a hand-edited grade. An office that adds it for AI accuracy gets a fraud signal for free. File details and hidden text add evidence on digital PDFs; none of the three is proof on its own, and every flag goes to an evaluator.

Method note: the edit was made with a script that overlays a white box and new text (a stand-in for a PDF editor). File details were read with pdfinfo; the text layer with pdfplumber. Both files are fictional and are included with the test set.