AI Simulation Communication Evaluation & Reporting Preference Rubric

Prepared by **Dr. Hologram, Inc.** — Technology Partner in AI Simulation Learning

Purpose: Standardize how your program evaluates student communication in AI patient simulations and specify exactly what reporting you want from Dr. Hologram going forward.

Compliance: Intended for internal academic use; compatible with FERPA and IRB-exempt quality-improvement workflows.

Section A — Institution Information

- **Institution Name:** _____
- **Program / Course:** _____
- **Term / Cohort:** _____ **Class Size:** _____
- **Primary Faculty Contact (name/email):** _____
- **Secondary Contact (sim lab / data):** _____

Preferred Reporting Cadence (check one or more):

☐ After Each Simulation ☐ Weekly ☐ Midterm ☐ End-of-Term ☐ Custom: _____

Student Identifier in Reports (choose one):

☐ School ID # (no names) ☐ Alias Only ☐ Pseudonymized Hash ☐ Other: _____

Compliance Status:

IRB Determination: ☐ Exempt (QI/QA) ☐ Not Required ☐ Pending ☐ Other: _____

FERPA Review: ☐ Completed ☐ In Progress ☐ Not Applicable

Section B — Evaluation Rubric (Customize as desired)

(Default weights shown; you may adjust.)

Dimension	Operational Definition	Benchmark Target	Default Weight	Your Weight
Open-Ended Questioning	Elicits narrative responses; explores "how/what/why"	≥70% of student prompts	40%	____%
Empathic / Reflective Statements	Validates emotion; reflective listening	≥25% of student turns	30%	____%
Procedural Balance	Limits yes/no, checklisting; maintains conversation	≤15% procedural	20%	____%
Flow & Sequencing	Logical, patient-centered, smooth transitions	≥85% of session	10%	____%

Performance Level Anchors (for 1–5 scoring in each dimension):
- **5 – Exemplary:** Consistently meets/exceeds benchmark with high quality examples.
- **4 – Proficient:** Meets benchmark with minor gaps.
- **3 – Developing:** Approaches benchmark; notable inconsistencies.
- **2 – Beginning:** Below benchmark; frequent missed opportunities.
- **1 – Needs Support:** Far below benchmark; requires targeted coaching.

Composite Score Formula (out of 100):

$$\text{Composite} = \frac{\sum(\text{Dimension Score 1–5} \times \text{Weight \%})}{5}$$

(If using automated metrics: Open%, Empathy%, Procedural%, Flow% will be normalized to 1–5 bands before weighting.)

Section C — What Dr. Hologram Should Include in Your Reports

Student-Level (choose all that apply):

☐ Summary table (Open%, Empathy%, Procedural%, Flow%)

☐ Composite score (0–100) with breakdown

☐ Narrative feedback (strengths & growth areas)

☐ Anonymized example excerpts (communication evidence)

☐ Longitudinal trendline (per student across sessions)

☐ Auto-generated practice tips for next session

☐ Faculty score overlay (manual rubric + notes)

Cohort-Level (choose all that apply):

☐ Aggregate metrics (means, medians, distributions)

☐ Benchmark comparison (targets vs actuals)

☐ Top strengths / common gaps (heatmap)

☐ Program-level recommendations

☐ Section or lab-group comparisons

☐ Longitudinal trends across the term

Visualization Preferences:

☐ Bar/line charts ☐ Pie/ratio views ☐ Heatmaps ☐ Word/phrase frequency

☐ Minimal visual (tables only) ☐ Mixed visual + text summary

Section D — Delivery Format & Integrations

File Formats:

☐ PDF (leadership) ☐ PDF (individual student) ☐ CSV/Excel export ☐ JSON (data feed)

LMS / System Integrations:

☐ Canvas ☐ Blackboard ☐ D2L Brightspace ☐ Moodle ☐ Custom API (specify): _____

Access Model:

☐ Secure portal dashboard ☐ Email to faculty ☐ SFTP delivery ☐ Other: _____

Section E — Longitudinal & Research Options

Tracking Period: ☐ Per session ☐ Module ☐ Full term ☐ Multi-term

Cross-course roll-ups: ☐ Yes ☐ No

Research/Publication Use: ☐ Internal QI only ☐ May use de-identified aggregates for scholarship (with IRB review)

Data Retention Preference:

☐ Retain full transcripts (de-identified) for term + _____ months

☐ Retain metrics only (no transcripts)

☐ Custom retention: _____

Section F — Accessibility & Inclusion

☐ Require multi-language support (list): _____

☐ Prefer captions/alt-text for all media

☐ Support for screen readers / high-contrast mode

☐ Cultural/linguistic scenario variants (specify priorities): _____

Section G — Optional Custom Dimensions

(Add program-specific competencies; assign weights and anchors.)

Custom Dimension	Definition	Benchmark	Weight	Anchor Notes (1–5)
_____	_____	_____	_____%	_____
_____	_____	_____	_____%	_____

Section H — Faculty Scoring Sheet (per Student, per Session)

(Dr. Hologram can also auto-populate these fields from transcripts.)

Student ID/Alias: _____ **Session Date:** _____ **Scenario:** _____

Automated Metrics:

- Open-Ended: _____% Empathy: _____% Procedural: _____% Flow: _____%
- Composite (0–100): _____

Faculty Rubric (circle or check one per dimension):

- Open-Ended: ☐1 ☐2 ☐3 ☐4 ☐5
- Empathy/Reflective: ☐1 ☐2 ☐3 ☐4 ☐5
- Procedural Balance: ☐1 ☐2 ☐3 ☐4 ☐5
- Flow/Sequencing: ☐1 ☐2 ☐3 ☐4 ☐5

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Faculty Narrative (strengths):

Faculty Narrative (growth goals & next steps):

Recommended Micro-Assignments (check all that apply):

☐ Open-question drill ☐ Empathy phrasing practice ☐ Follow-up prompts module

☐ Debrief with transcript review ☐ Persona variation (peds/gero/behavioral health)

☐ Other: _____

Section I — What "Good" Looks Like (Benchmarks & Bands)

- **Open-Ended % Bands:** 1:<30% | 2:30–49% | 3:50–69% | 4:70–84% | 5:≥85%
- **Empathy % Bands:** 1:<10% | 2:10–17% | 3:18–24% | 4:25–34% | 5:≥35%
- **Procedural % (lower is better):** 5:≤10% | 4:11–15% | 3:16–22% | 2:23–30% | 1:>30%
- **Flow & Sequencing (observed quality):** Use 1–5 anchors above

Section J — Reporting Examples You Want Included

(Select any you'd like in your first delivery.)

☐ **Individual Student Report** (2 pages): metrics, score, evidence excerpts, tips

☐ **Cohort Leadership Summary** (4–6 pages): benchmarks, trends, recommendations

☐ **Appendix Export** (CSV/Excel): per-turn labels and timestamps

☐ **Persona Library Outcomes**: performance by scenario/persona type

☐ **Equity Lens**: by language mode / accessibility features (de-identified)

Section K — Sign-Off

I certify these selections reflect our program's preferences for simulation reporting and evaluation.

- **Faculty Name / Title:** _____ **Date:** _____
- **Signature:** _____
- **Dean/Chair (if required):** _____ **Date:** _____

Submission Instructions: Email completed form to **reports@drhologram.ai** or upload to the secure partner portal provided by Dr. Hologram, Inc.

Appendix — Notes for Automation (Dr. Hologram Use)

- If "Your Weight" fields are blank, use defaults (40/30/20/10).
- Composite calculation uses rubric bands or direct percentages if enabled.
- De-identification: replace names with alias or hashed ID before storage/export.
- Retention and delivery settings must match Section E and D selections.