

Golden West College Transcript Assistant

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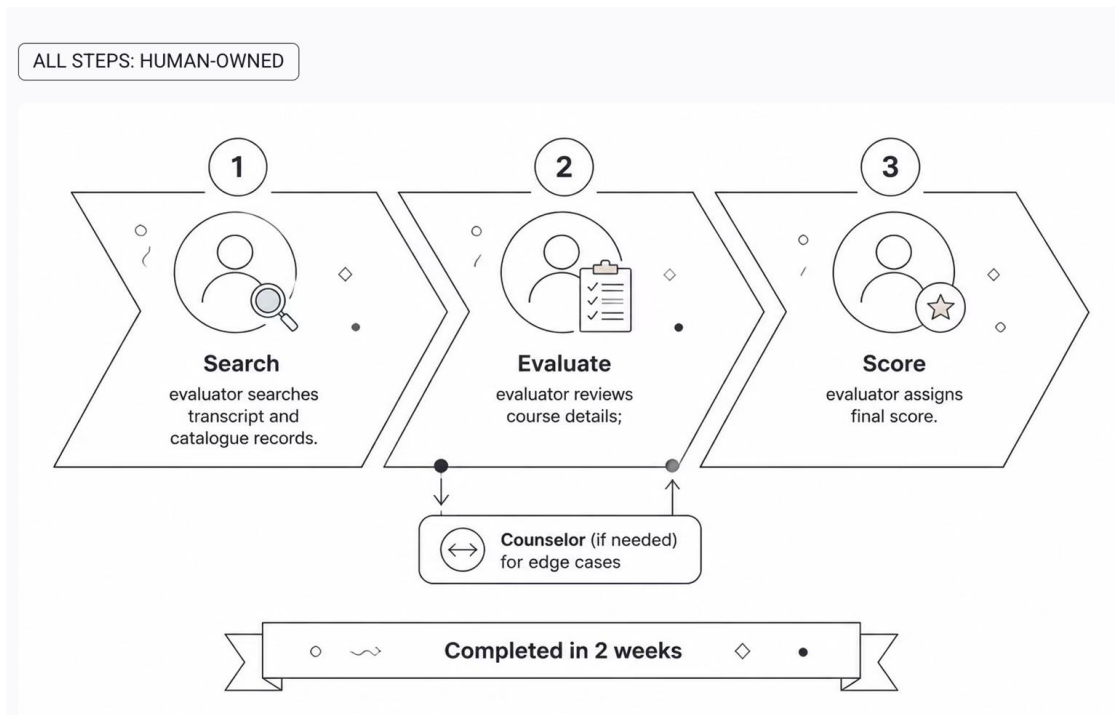




“Our evaluators know what is at stake.”

Richette Bell, Director Enrollment Services

BEFORE: Current Evaluator Team Workflow



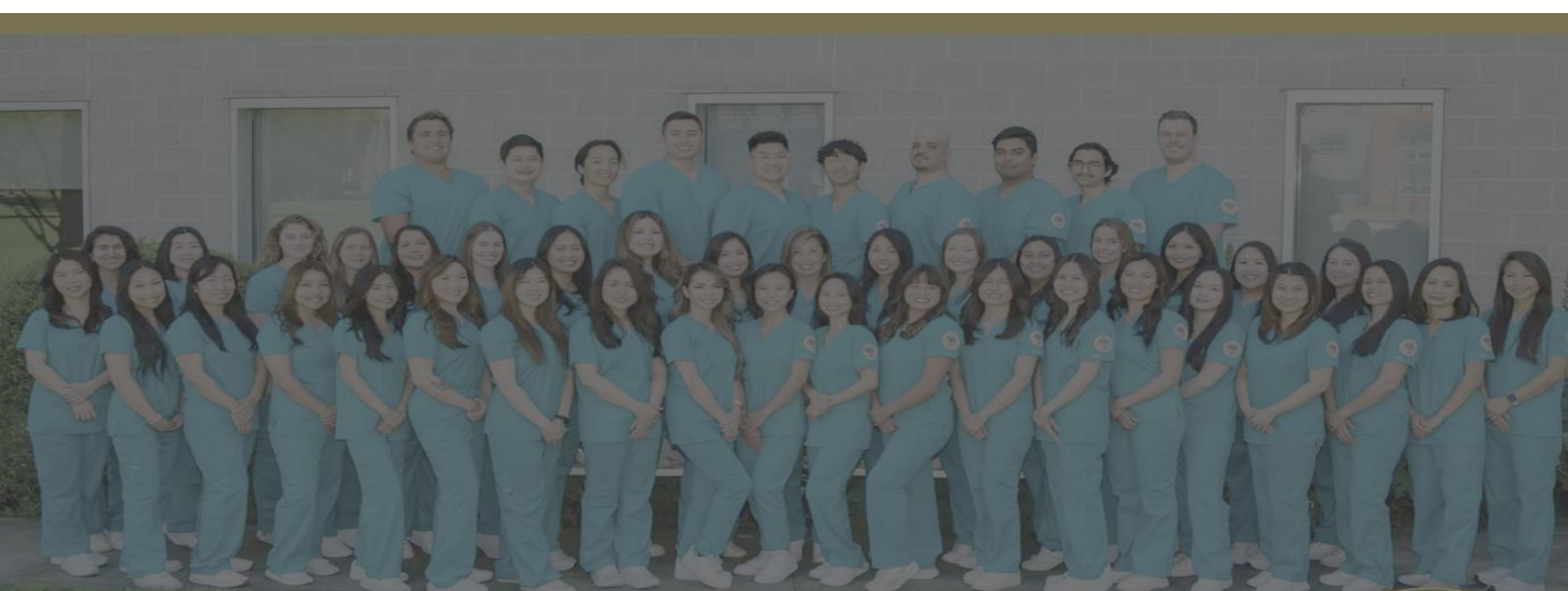
Evaluator Team Workflow

Steps taken by Golden West College evaluators today

Approach/Milestones (Week #)	Stakeholder	1	2	3	4	5	6
#1 Applications open and close period	Admissions						
#2 Scan Transcripts into Banner	Evaluators						
#3 Process: Schools - Private and/or Out-of-State	Evaluators						
i. Search: Students - Long transcripts (2-3 pages)							
ii. Search: For unusual course descriptions, consult							
iii. Search: Students seeking financial aid (+GRADES)							
#4 Evaluate transcripts against criteria	Evaluators						
i. Evaluators review COURSE DESCRIPTIONS							
a. Counselors review COURSE DESCRIPTIONS							
ii. Evaluators review GRADES							
iii. Evaluators review DATES COURSE TAKEN							
#5 Score applicants	Evaluators						
#6 Department team evaluates candidates based on the above	Department						
#7 Admit /approvals sent	Admissions						

Stellar evaluator team

- 2 weeks to complete 2,000 applications
- 10-15% are “exceptions” (all out-of-state and private)
- Further: 2-3 page transcripts, internet searches, catalogue sites not updated, financial aid discrepancies
- Course description discrepancies



“Changing people’s lives and careers.” –

Richette Bell, Director Enrollment Services



Generate Report

Student Information

Student Name: Maria Garcia

* Student ID: GWC-2024-0847

Transfer Institution: ABC College

Intended Major: Computer Science

Applying For: Fall 2026

Courses Fulfilled for This Major

2 of 3 fulfilled

Course 1 of 3 Approved

CS G100 from CS 101

Search Course...

Side-by-Side Course Comparison

ABC College

COURSE INFORMATION

Course Number: CS 101

Title: Introduction to Comput...

EVALUATION CRITERIA

Course Description:

Fundamental concepts of computer science including problem solving, algorithm development, data types, control structures, functions, arrays, and an

Credits: 3

Grade: A

Semester/Trimester: Semester

Academic Calendar: Fall

Term: 2023-2024

Academic Year: 2023-2024

Golden West Community College

COURSE INFORMATION

Course Number: CS G100

Title: Introduction to Comput...

EVALUATION CRITERIA

Course Description:

Introduction to the discipline of computer science. Topics include problem solving, algorithm development, data representation, programming

Credits: 3

Grade: C or better required

Semester/Trimester: Semester

Academic Calendar: Fall

Term: 2023-2024

Academic Year: 2023-2024

AI Error Summary

Errors: 1

CURRENT COURSE — CRITERIA DECISIONS

Course Description AI Eval

Policy 4.2 — Course descriptions must demonstrate ≥70% content overlap.

Credits AI Eval

Policy 3.1 — Credit units must match or exceed the equivalent course.

Grade AI Eval

Policy 3.3 — Minimum grade of C (2.0) required for major courses.

Semester/Trimester AI Eval

Policy 5.1 — Courses must be completed within 5 years (STEM) or 7 years (Gen Ed).

Evaluator Explanation

Add your evaluation notes for CS 101. These notes will be included in the final report and shared with the counselor.

Enter your evaluation reasoning, observations, or justification for

Technical Process to Adaptable Solution - Backend 1

Backend 1 - Student Transcript Processor

Parsing Transcript PDF (for both Printed and Scanned)

Using Bedrock Data Automation

With Bedrock Blueprints to extract commonly expected field

Data is static and well-structured → stored in Amazon Aurora PostgreSQL

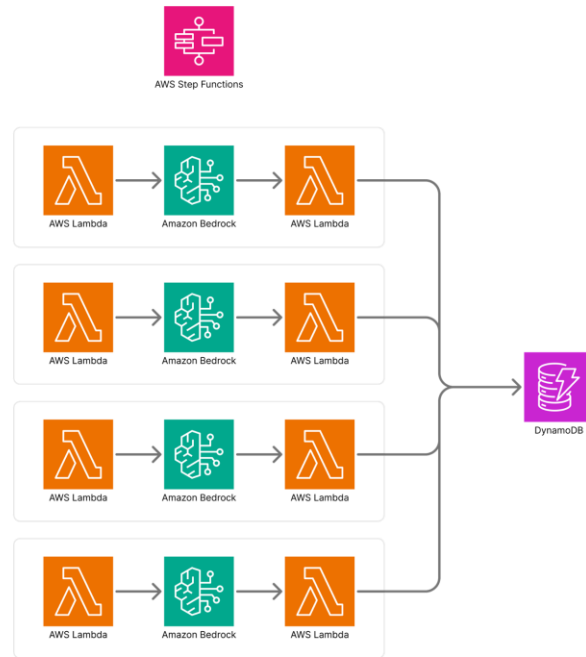


AWS Lambda

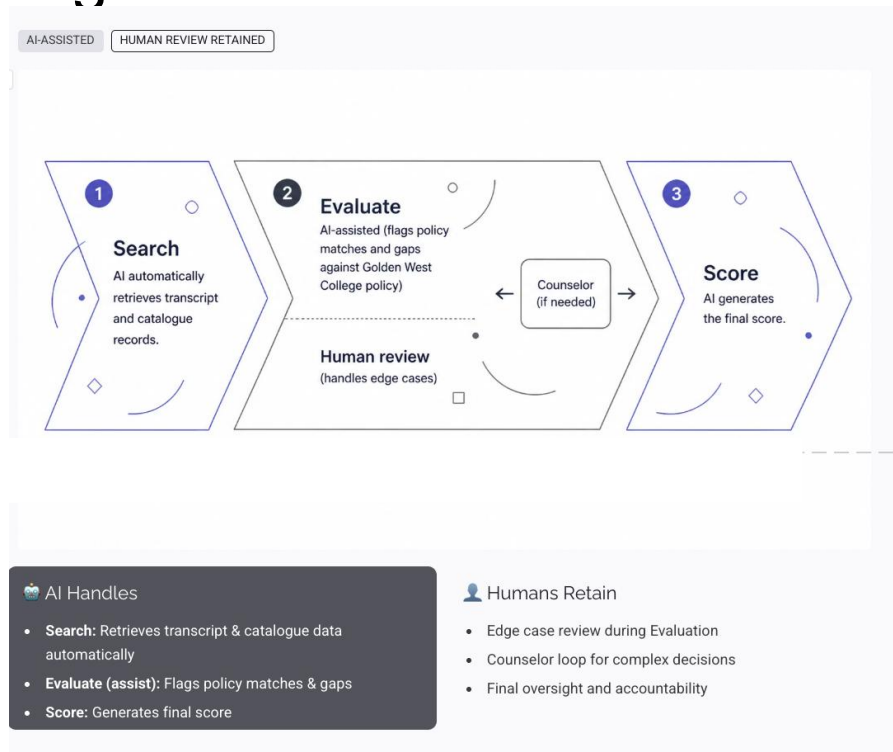


Technical Process To Adaptable Solution - Backend 2

- Step functions orchestrate parallel inference
- [LIVE DEMO](#)



AFTER: AI-Augmented Evaluator Workflow



Impact - \$12,833 Cost Savings + Time and Satisfaction

Counts		Before		Time		\$	Satisfaction	After		Time	\$	\$ Savings	Satisfaction
# Applications		2,000	10%	200				200	Applications				
# Minutes/Application				120				10	Minutes				
Total Time	# Minutes			24,000				2,000	Minutes				
	# Hours			400		\$14,000		33	Hours		\$1,167	\$12,833	-12,800
	# Weeks (40 hours/week)			10				1	Weeks for all 4 staff evaluators				
# Evaluators		4											
# Weeks/evaluator				2.5	Weeks			0.21	Weeks (equivalent to 1 day) per staff evaluator				
Survey/Incident Reports (CX, EX)							N/A						Improvement anticipated
Assumptions													
Staff rate		\$35 per hour											

Future Considerations

1. Market research - **emerging solutions**
2. Develop **quantitative scores** for qualitative differences in course description match
3. **Auto-generate reports**/visual analytics
4. Clarify “final score” and how AI can generate
5. Automatically linking to national course catalogues **using API key`**
6. Integration with Ellucian Banner and Degree Works
7. **Additional fields** - e.g. Department/unit name; Non-grade reasons (incompetes)
8. ...and more

Questions?

