

CASE STUDY

Making LMS and SIS Data Accessible and User-Friendly in Record Time

El Camino College, a member of the California Community College System

- **About:** El Camino College (ECC) is a large public community college in Torrance, CA with 20,400 students.
- **Challenge:** ECC wanted to create an integrated data source for Learning Management System (Canvas) and Student Information System (Colleague) data. Neither platform offered access to data in a digestible format. Conflicting and confusing coding systems in the LMS and SIS made it challenging for leaders to use data for strategic enrollment management and diversity, equity, inclusion, and access (DEIA) initiatives.
- **Solution:** ECC used Edify's automated higher education data model to combine and standardize data from Canvas and Colleague in only two months. Edify matches fields automatically, even if they are coded differently within and between systems and platforms. EAB's data experts used ECC's standardized data to produce dashboards that allow decision-makers to view and act quickly on trustworthy SIS and LMS data to examine enrollment and registration metrics.
- **Impact:** ECC now has access to a unified student record based on clean, reliable data. With standardized, governed data from Colleague and Canvas available in a single location, decision-makers can consult rich dashboards to investigate registration trends, credits, and LMS usage metrics.
- **Future Impact:** ECC plans to integrate data from their CRM and their Starfish Student Success Platform, creating a more holistic and accessible data model.

Impact Highlights

2

Months from project initiation to implementation

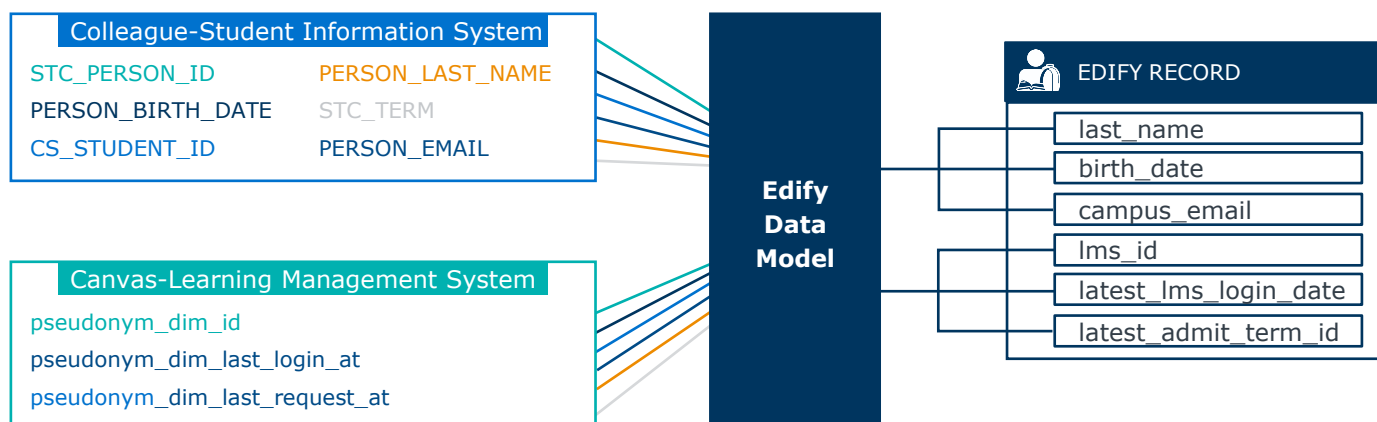
“

Edify is transforming how we look at data and will provide us with the Strategic Enrollment Management and DEIA dashboards we need to **solve our biggest challenges.**”

—Loic Audusseau,
Chief Technology Officer

Using EAB's Edify to Merge SIS and LMS Data Automatically

Edify Standardizes Confusing, Duplicative Codes to Create a Unified, Useful Student Record



Making LMS and SIS Data Accessible To Key Decision-makers

Extract and Standardize Canvas and Colleague Data to Examine Enrollment and Registration Metrics

ECC's integrated LMS and SIS data source allows leaders to access and apply validated data for innovative decision-making. Specifically, leadership monitors LMS utilization and course performance, point-in-time summaries of course registrations, and enrollment trends.

Canvas LMS

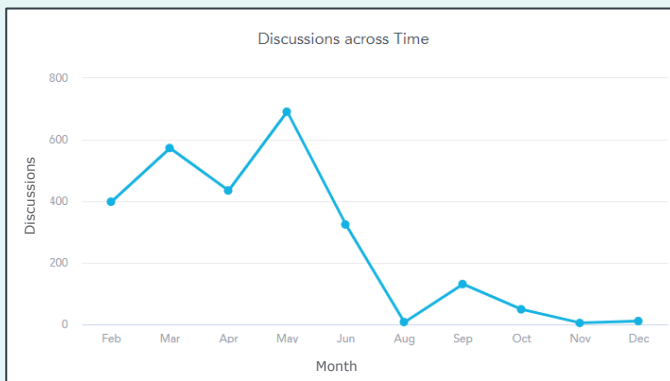
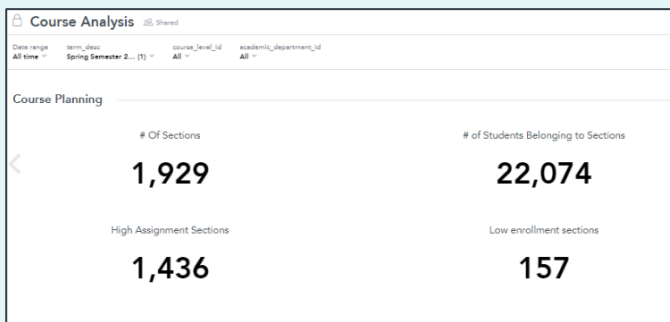
- Course data
- Activity data
- Assignment grades

Colleague SIS

- Demographic data
- Registration data
- GPA data

EDIFY ANALYTICS

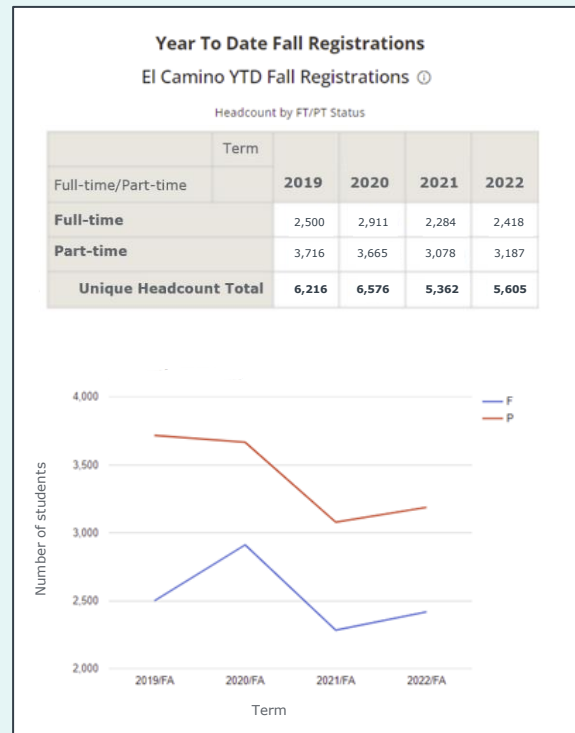
LMS Analysis Dashboards



Key metrics available for LMS usage analytics and section consolidation decisions

- Evaluate utilization metrics (logins, discussion entries, and student participation)
- Track low and high enrollment sections
- Track assignments by section

SIS Dashboards



Historical SIS data unlocked for course needs analysis and registration support preparation

- Point-in-time summary of historical course registration data
- Registrations around key periods in the academic year
- Current registration patterns for the upcoming term as compared to previous fall terms

EAB Offers Incredible Time-to-Value And Strong Competitive Advantage

EAB's team of experts assisted ECC in producing a functional, comprehensive solution in only two months. Edify dashboards equipped ECC to make fast progress on key initiatives instead of spending additional months building and testing a home-grown solution or working with a vendor that lacks EAB's industry expertise.

	ECC's partnership timeline with EAB's Edify	Typical build and buy timelines with alternative vendors or homegrown solutions
Month 1	<ul style="list-style-type: none"> ✓ ECC met with EAB experts to determine needs and develop an implementation plan ✓ ECC had insight into the model's design throughout a fully transparent integration process 	<ul style="list-style-type: none"> • Assemble an internal committee or meet with the vendor team <ul style="list-style-type: none"> - Vendors may (or may not) have experience in higher ed, and may offer minimal insight into the development process - Internal team may lack necessary expertise in data modeling
Month 2	<ul style="list-style-type: none"> ✓ Edify used pre-built data maps to join and validate ECC's Canvas and Colleague data sources automatically ✓ EAB created custom dashboards for ECC's stakeholders ✓ Project completed and implemented in two months 	<ul style="list-style-type: none"> • Identify data needs and compile data <ul style="list-style-type: none"> - Vendors typically lack pre-built maps to higher ed tech systems, causing long delays - Internal teams often lack a data dictionary to guide the process
Month 3	<p>Competitive Advantage: Automated Updates Free Time for Strategic Progress</p> <p>While other schools await project completion and implementation, ECC can make progress on important institutional priorities and data-informed innovation.</p> <p>Additionally, ECC's IR and IT team no longer spend time monitoring dashboards that come from the Edify model. Edify's data model refreshes nightly to provide automated dashboard updates.</p>	<ul style="list-style-type: none"> • Data compilation complete; tool testing and data validation begins <ul style="list-style-type: none"> - Vendors' testing and validation process may require significant staff time and involvement - Internal team may struggle to balance tool development with other priorities
Month 4		<ul style="list-style-type: none"> • If tool suits need: reports developed and distributed <ul style="list-style-type: none"> - Vendors' reports may not meet exact needs or offer transparency - Internal team must still manage dashboards for reporting, creating no relief on departmental resources
Month 5+		<ul style="list-style-type: none"> • Otherwise, additional testing and development

“EAB is a premier, responsive team, and we are leveraging EAB's expertise and Edify's capabilities for our LMS Dashboards and DEIA initiatives. We wouldn't have any data warehouse environment today if it wasn't for EAB.”

—Loic Audusseau, Chief Technology Officer



To learn more about Edify or speak to an expert, visit eab.com/edify.