

Dashboards as Innovative Tools for Utilizing Actionable Data and Evidence-Based Practices

Graduation Initiative Informed Decision-Making Conference

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California State University, Fullerton



Graduation Initiative 2025 Goals: CSU Fullerton

Metric	2025 Goal	Most Recent Rate
Freshman 6-Year Graduation	75%	62%
Freshman 4-Year Graduation	44%	22%
Transfer 2-Year Graduation	44%	32%
Transfer 4-Year Graduation	85%	75%
Gap - Underrepresented Minority	0	9 % points
Gap – Pell	0	4 % points

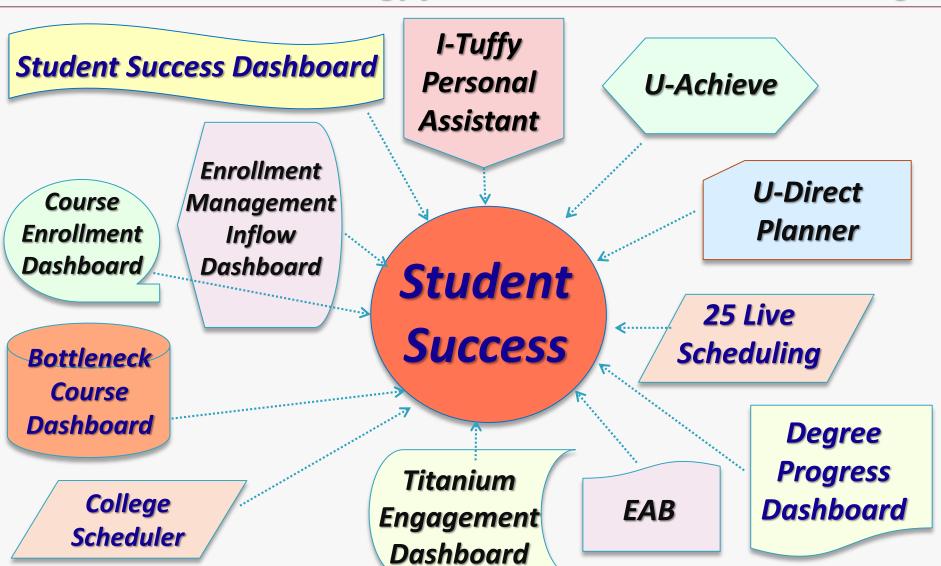


GI 2025 Goals & Strategies: Cal State Fullerton

Long-Term Goals	Strategies
Enrollment Management	• IT and IRAS support
Data Capabilities	to develop/maintain interactive
Advising	dashboard and train
Fostering a Culture of Student Success	users for data-driven
Success in Low Completion-Rate Courses	decision makingData Management &
Targeted Support Services	Strategic Analysis
Pathways with K–12 and Community Colleges	Support



Dashboards & Technology for Data-Driven Decision Making

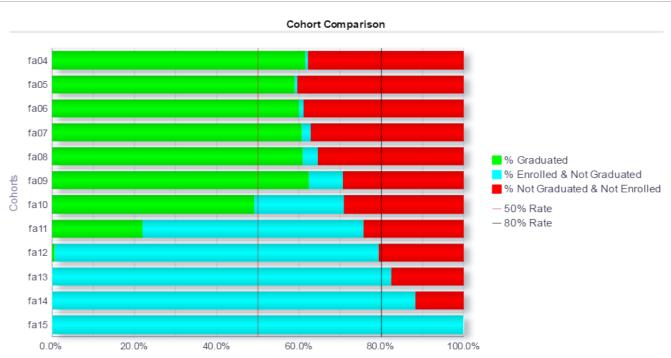


* Enrollment Type

First-time Full-Time Freshman Apply

Student Success Dashboard

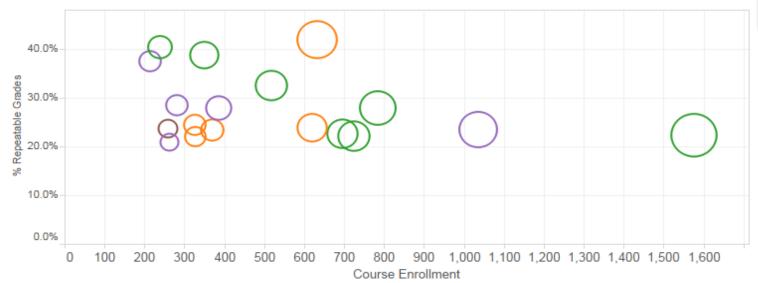
Cohort Comparison Summary



% Graduated vs. % Enrolled vs. % Not Graduated, Not Enrolled

Cohort Description	Enrollment Type Description	Initial Cohort Size	Graduated Count	% Graduated	Enrolled Count	% Enrolled & Not Graduated	Not Graduated not Enrolled Count	% Not Graduated & Not Enrolled
fa04	First-time Full-Time Freshman	3,542	2,180	61.5%	23	0.6%	1,339	37.8%
fa05	First-time Full-Time Freshman	3,820	2,252	59.0%	27	0.7%	1,541	40.3%
fa06	First-time Full-Time Freshman	3,737	2,245	60.1%	41	1.1%	1,451	38.8%
fa07	First-time Full-Time Freshman	4,042	2,449	60.6%	94	2.3%	1,499	37.1%
fa08	First-time Full-Time Freshman	4,519	2,750	60.9%	165	3.7%	1,604	35.5%
fa09	First-time Full-Time Freshman	3,845	2,395	62.3%	318	8.3%	1,132	29.4%
fa10	First-time Full-Time Freshman	3,749	1,842	49.1%	813	21.7%	1,094	29.2%
fa11	First-time Full-Time Freshman	4,091	899	22.0%	2,193	53.6%	999	24.4%
fa12	First-time Full-Time Freshman	4,419	24	0.5%	3,484	78.8%	911	20.6%
fa13	First-time Full-Time Freshman	4,512	1	0.0%	3,713	82.3%	798	17.7%
fa14	First-time Full-Time Freshman	4,243	0	0.0%	3,742	88.2%	501	11.8%

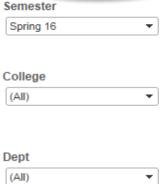
Course Enrollments and Repeatable Grades (C- thru F, including WU and NC)



Hover mouse over circles to see course information Repeatable Grades include C- through F, including WU and NC Size of the circles corresponds to number of students with repeatable grades

Lower Division Lower-Div GE Upper Division Upper-Div GE

Bottleneck Course Dashboard







Course Enrollment Range



% Repeatable Grade Range

20.0%	46.2%

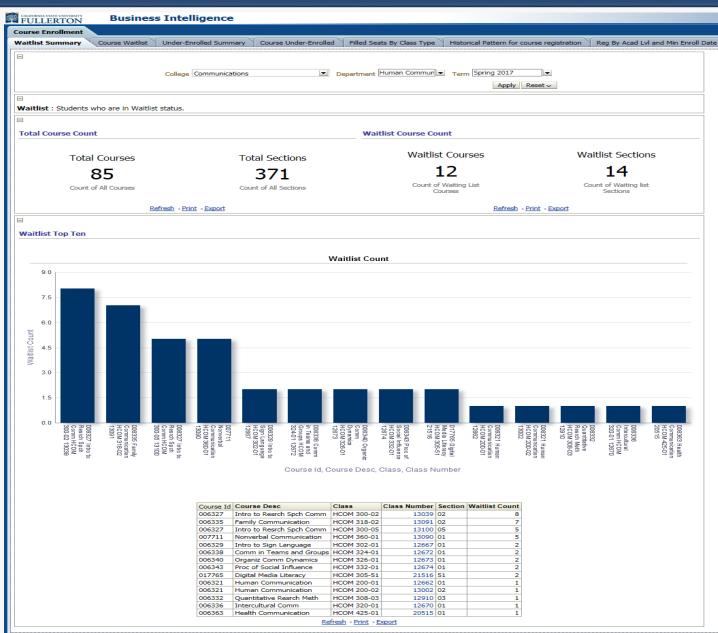




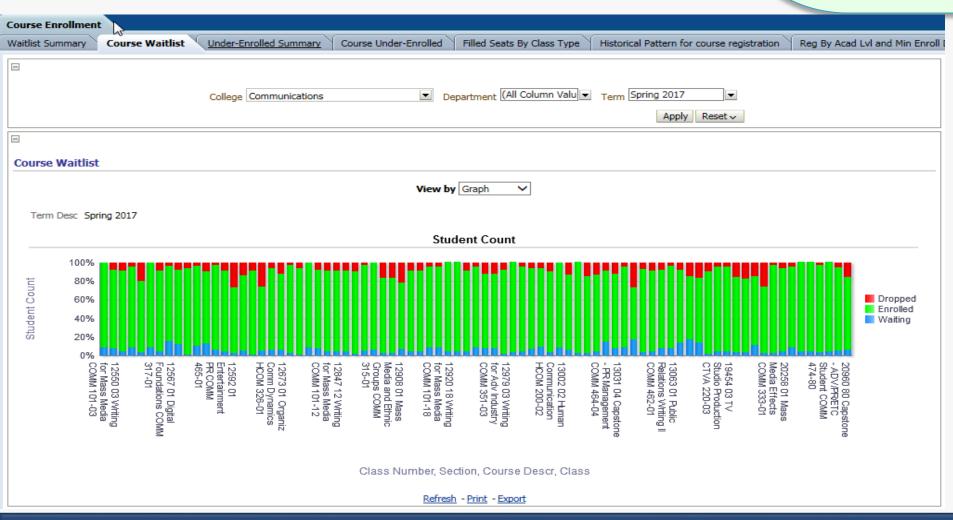
Management Where Do Our (U.S.) Applicants Come From? Inflow Dashboard Nevada Applicant Type First Time Freshman New Undergraduate Transfer Ethnicity V (All) Amind Asian/PI Black Hispanic Intl Multi Unknown **V** White Minimum Number of Applicants (by zip code) @ OpenStreetMap contributors

Enrollment

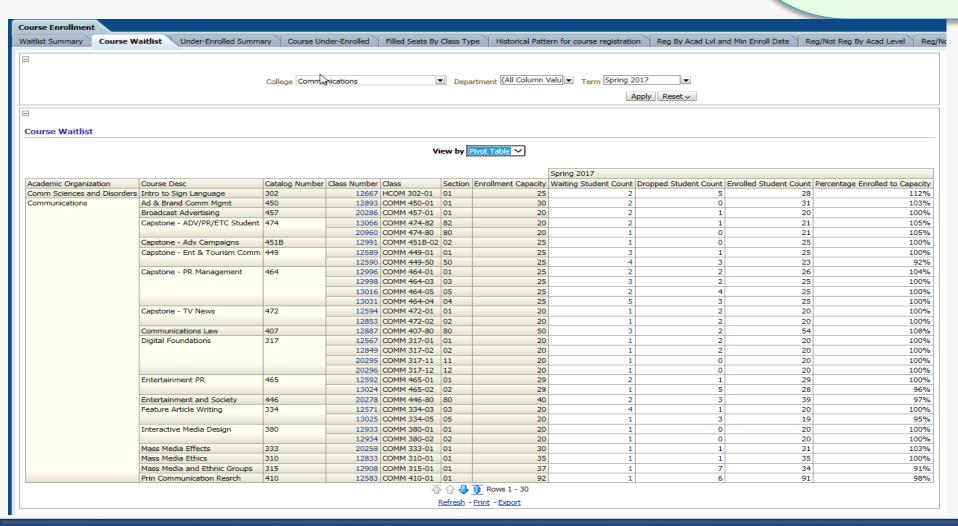




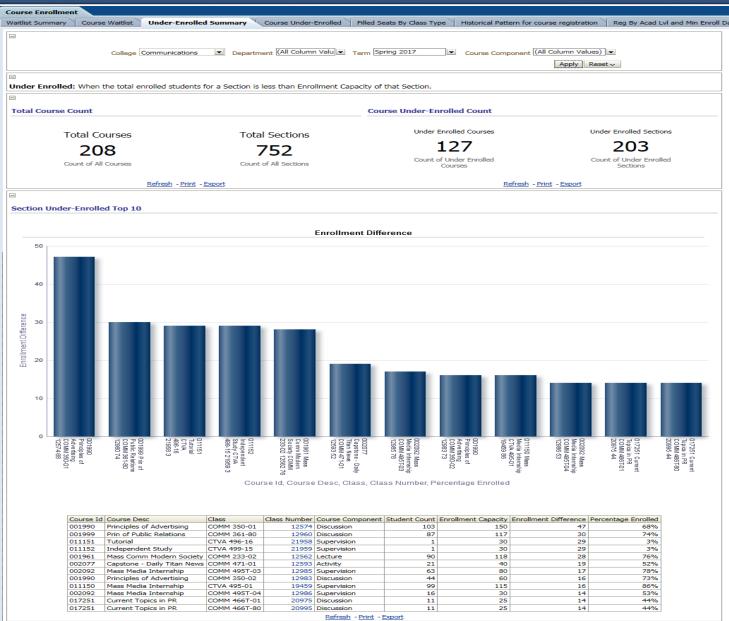




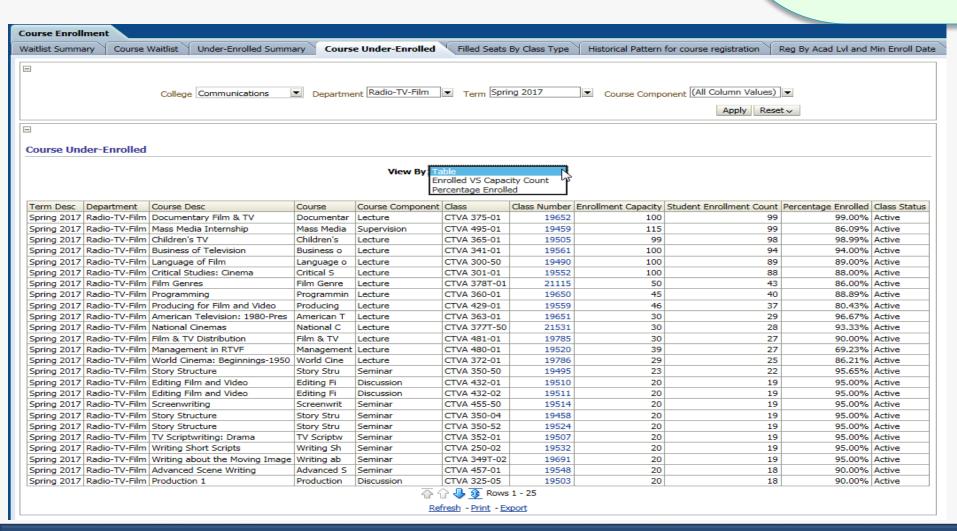




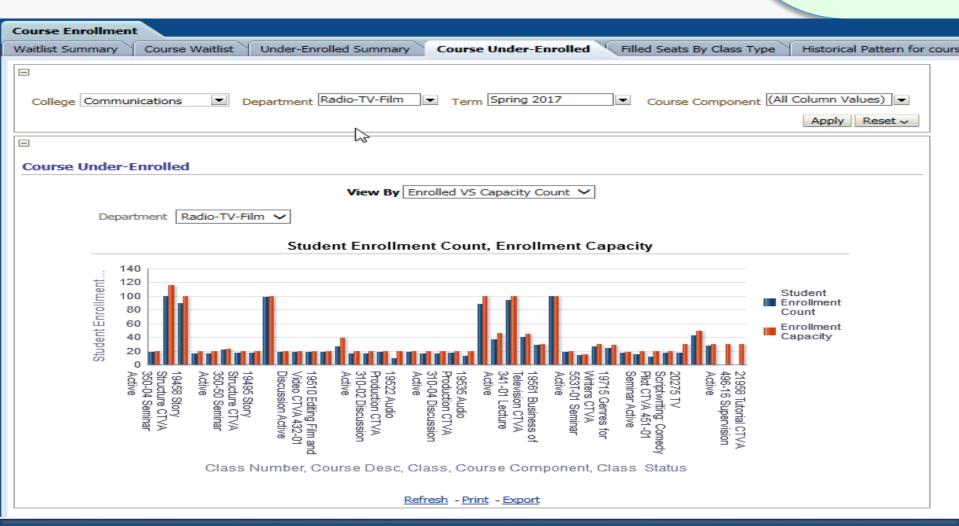




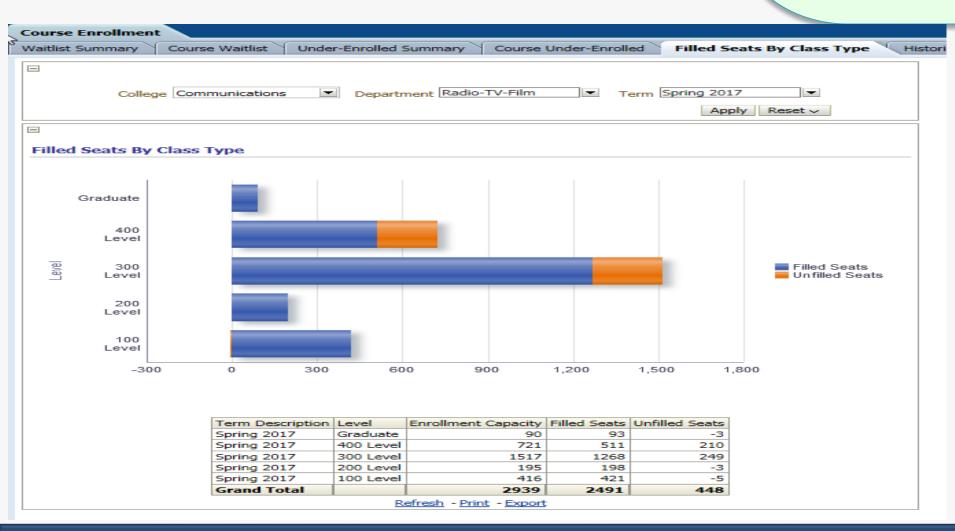




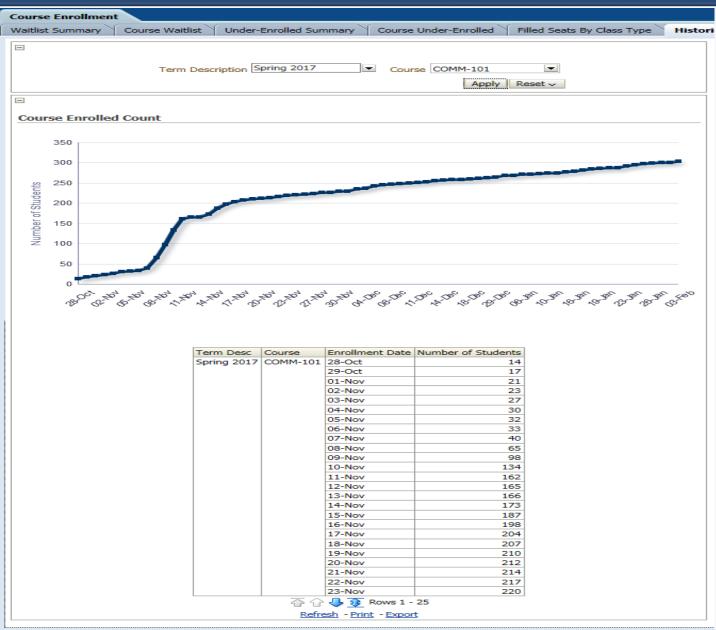




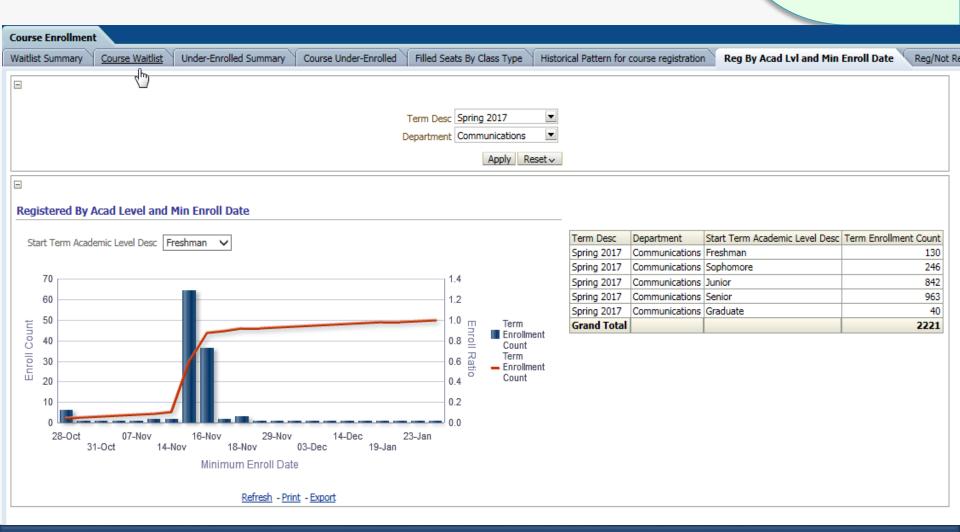




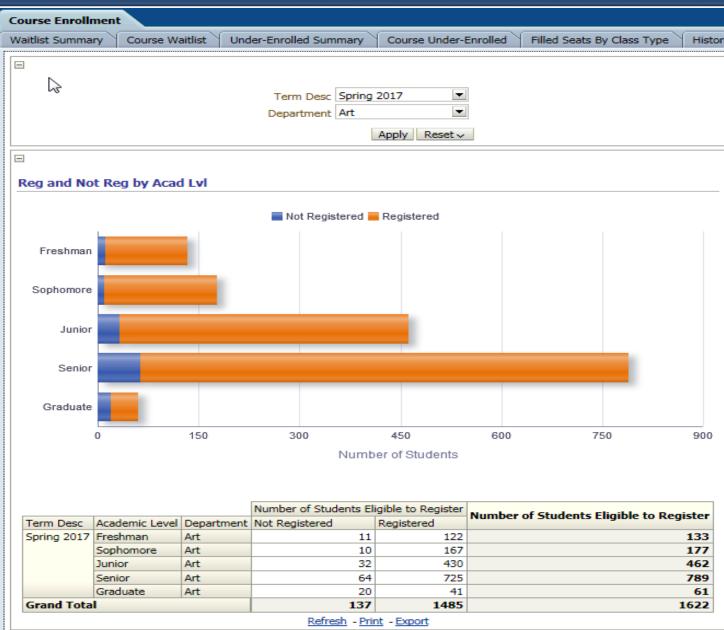




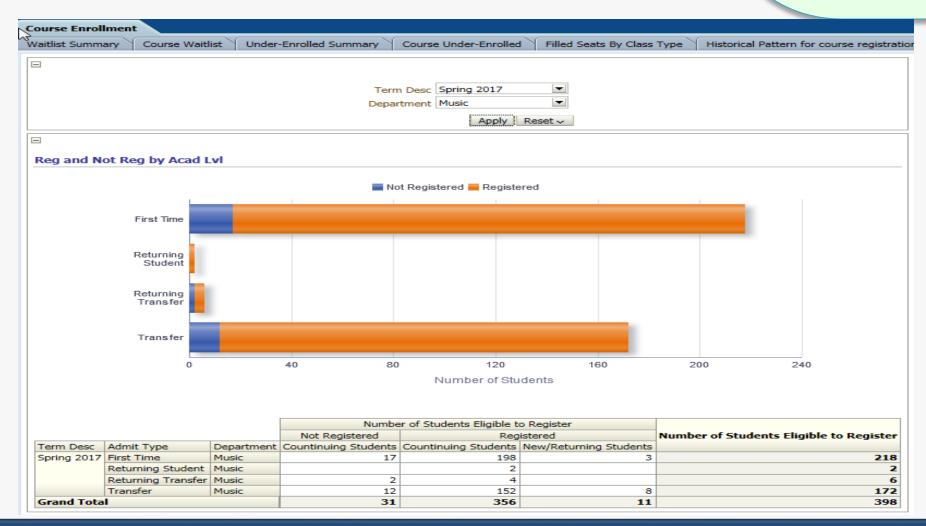






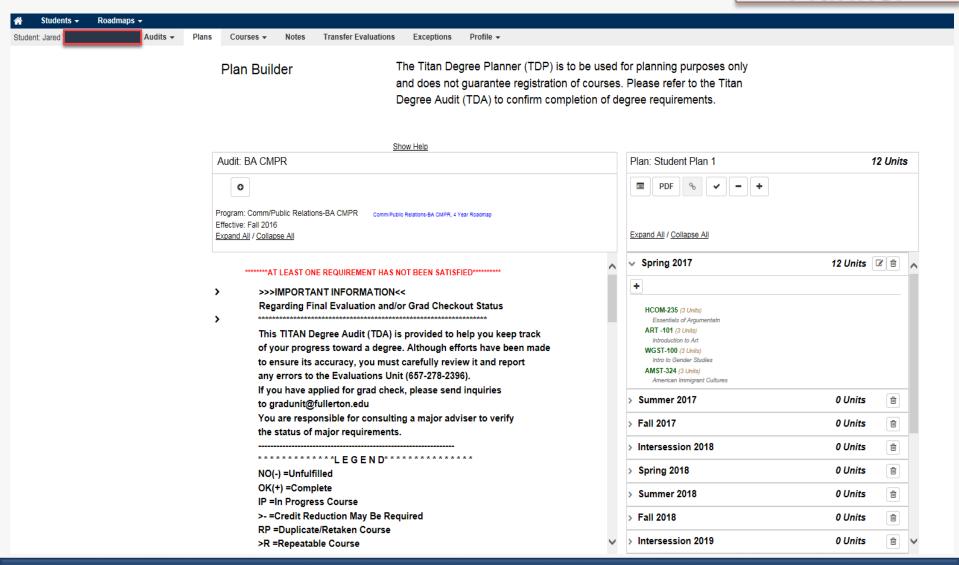






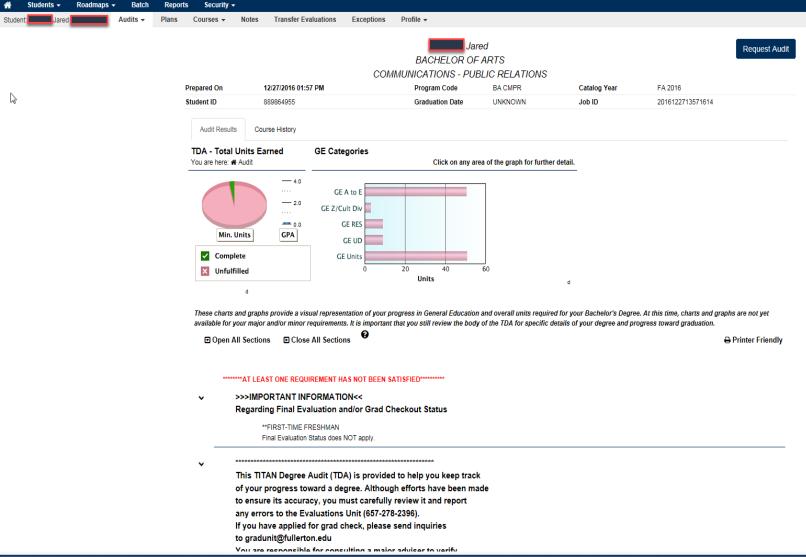


Titan Degree Planner











TITAN Scheduler

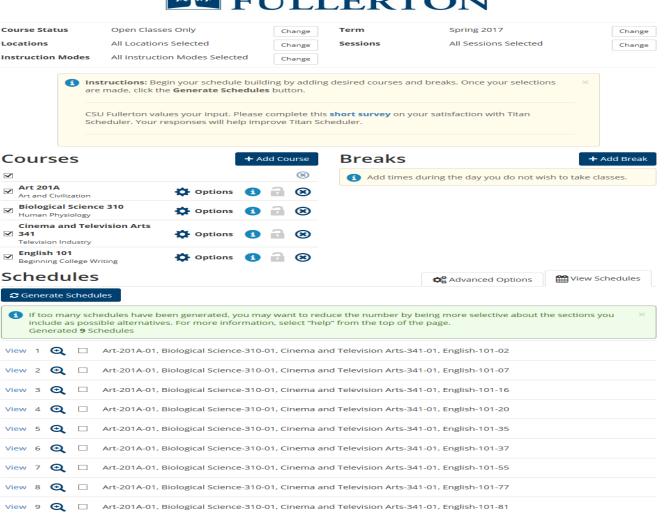
Text Only

3 Help

☐ Sign out

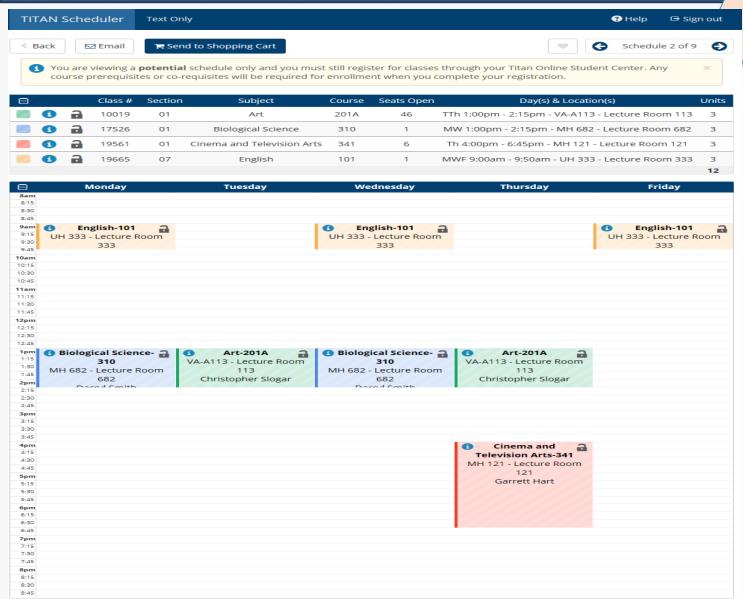
Titan Scheduler





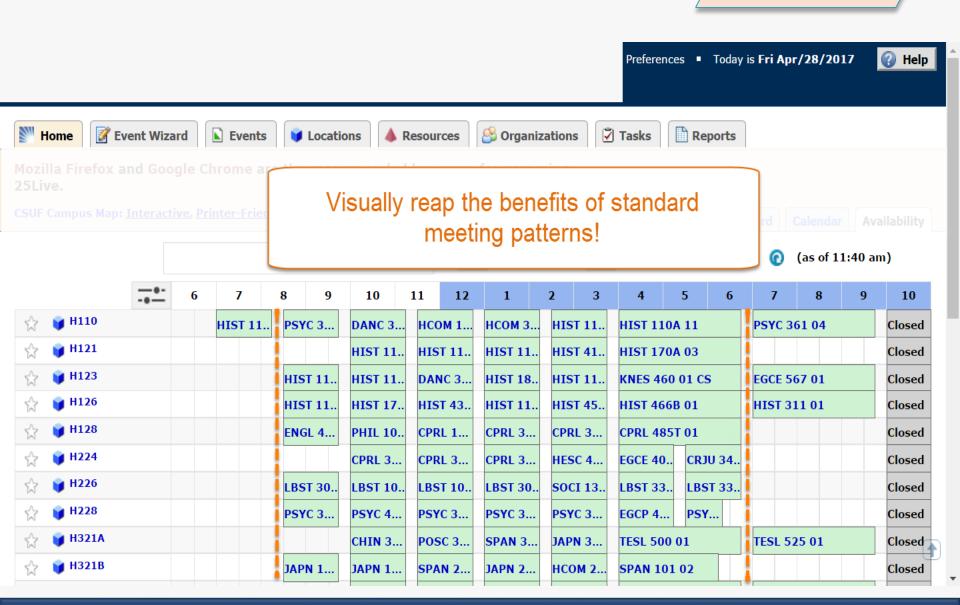


Titan Scheduler





25 Live Scheduling





Convert Text (Titan Degree Audit) -> Dashboard

Degree Progress Dashboard

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erview Ke	port By Degree Progra	am B	y Student ID															***
	Program BA ACCT CollegeSelect Value ourses? Yes	•			Select Va		Degre	e Program	nissionSel Status Not C StatusSel	Complete	▼ No	otes Availabl		•	Sele	ect Value— ▼		
* View Sub	● No			nent Status	Select Va	lue-	Servi	ce Indicato	r CodeSel	ect Value	101	tal Cumulativ ollment Statu		•				
																Apply Reset ✓		
ARS Ove	rview Analysis																	
² erson ID	Person Name	Cohort Term code	Basis of Admission	Current Academic Level	Units Completed	Expected Graduation Term	Notes Available	Audit Run Date	College	Academic Plan Descr	Degree Program		Degree Program Status Detail		Degree Program In Progress	CERTIFICATION***	A. CORE COMPETENCIES (NEEDS C- OR BETTER) - 9 UNITS [GE-A]	B. SCIENTIF INQUIRY AN QUANTITAT REASONING (12 UNITS MINIMUM) [1
00493835	Arzate,Oliver G	fa13	New Undergraduate Transfer	Senior	109.00	-	Y	1/9/2017 12:00:00 AM	Business and Economics	BA/Accounting 1MJ 1BA	BA ACCT	Currently Enrolled	*******AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED*********	In- Progress	Not Complete		Complete	Complete
	Godoy Guzman,Jhajaira Beatriz	fa13	New Undergraduate Transfer	Senior	110.00	2175	Υ	1/9/2017 12:00:00 AM	Business and Economics	BA/Accounting 1MJ 1BA	BA ACCT	Currently Enrolled	*******AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED********	In- Progress	Not Complete		Complete	Complete
301958976	Sangswangsri,Somruethai	fa13	First-time Full- Time	Senior	100.00	-	Υ	1/9/2017 12:00:00	Business and	BA/Accounting 1MJ 1BA	BA ACCT	Currently Enrolled	*******AT LEAST ONE REQUIREMENT	In- Progress	Not Complete		Complete	Complete



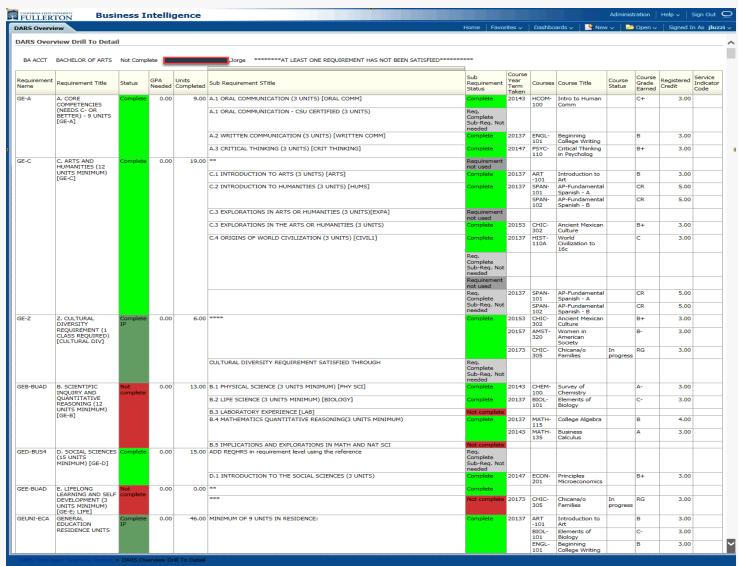
Convert Text (Titan Degree Audit) - Dashboard

Degree Progress Dashboard

verview R	eport By D	egree Progra	m By Stud	ent ID											Ē
SCIENCES (15 UNITS MINIMUM) [GE-D]	E. LIFELONG LEARNING AND SELF DEVELOPMENT (3 UNITS MINIMUM) [GE-E; LIFE]	RESIDENCE		UPPER DIVISION UNITS (300-		CONCENTRATION	(BA) CORE COURSES A C GRADE IS REQUIRED IN	AVERAGE	REQUIREMENTS FOR A MINOR IN ECONOMICS	FOR A MINOR IN HISTORY [HISTMIN] A	FOR THE MINOR IN CHILD AND ADOLESCENT DEVELOPMENT	REQUIREMENTS FOR THE MINOR IN CHRISTIAN STUDIES (21 UNITS) [CHSTMIN]		UPPER-DIVISION BACCALAUREATE WRITING REQUIREMENT	
	Complete	Not complete	Complete	Not complete	Not complete	Not complete	Not complete	Complete IP					Complete	Not complete	Not complet
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Convert Text (Titan Degree Audit) - Dashboard



Degree Progress Dashboard



Titanium Engagement Dashboard

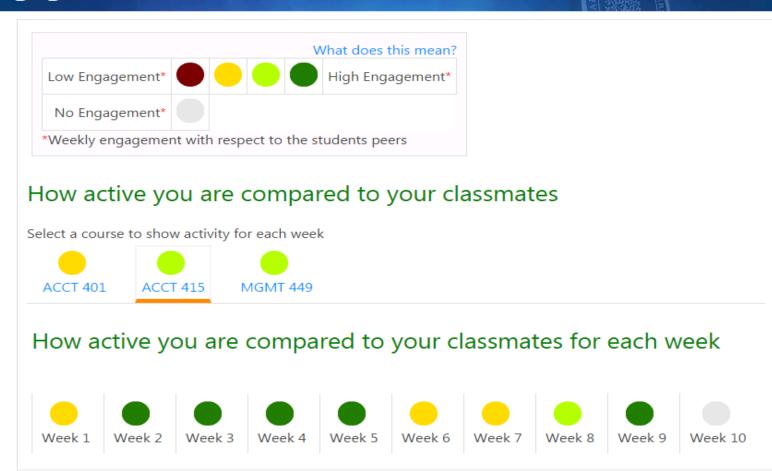
TITANium Engagement





Titanium Engagement Dashboard

TITANium Engagement



The information shows usage of a TITANium course relative to his/her peers.

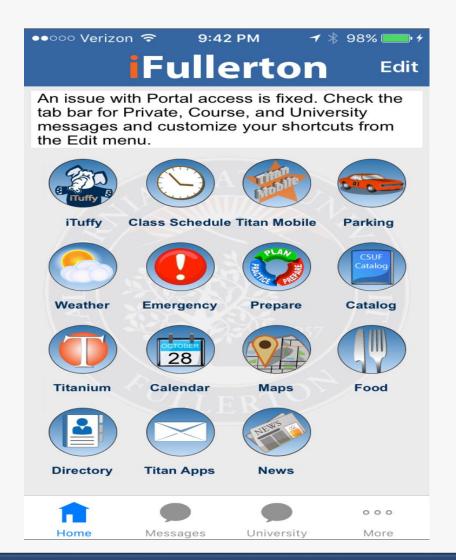
For each course, you will see each student's Titanium Engagement Indicator by week and cumulatively. The weekly indicator is calculated based on student usage of the Titanium course from the first week of the semester to the latest full week.

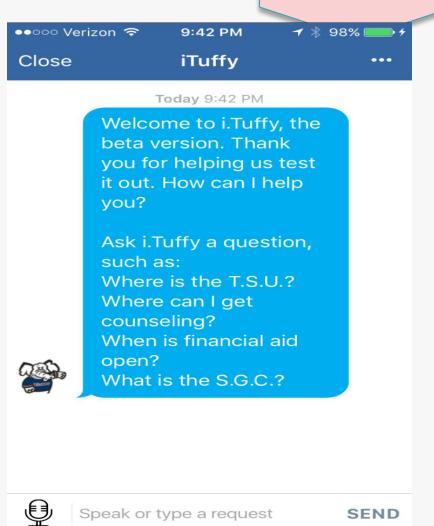
Titanium Engagement Indicator:

- No usage of the Titanium course site is recorded.
- The student uses the Titanium course site significantly less than their peers; their usage is less than approximately 84% of students in the class. Mathematically, the student's usage falls below 1 standard deviation below the class average.
- The student uses the Titanium course site somewhat less than their peers; Their usage is less than approximately 50% of students in the class. Mathematically, the student's usage falls between 1 standard deviation below the class average and the class average.
- The student uses the Titanium course site somewhat more than their peers; Their usage is more than approximately 50% of students in the class. Mathematically, the student's usage falls between the class average and 1 standard deviation above the class average.
- The student uses the Titanium course site significantly more than their peers; Their usage is more than approximately 84% of students in the class. Mathematically, the student's usage falls above 1 standard deviation above the class average.



I-Tuffy Personal Assistant







Promoting Data Utilization & Culture of Evidence





Campus Discussion: GI 2025 Advisory Group

Strategic Enrollment Services

- Admissions, Financial Aid and Outreach
- Review processes impacting outreach, recruitment & matriculation
- Registration, Records, Graduation, TDA
- Graduation, TDA
- Review existing procedures, policies impacting progress to degree

Advising Group

- Develop digital media means & other means to make students more aware of the support services available to them
- Examine all aspects of advisement, developing a culture of student success

Students in Transition

• First-Year Experience, Special Populations, International students

Technology

- Scheduling/Curriculum, U-Direct, Enrollment Dashboard
- Evaluate technology tools from the student, department, and college perspectives and offer suggestions for improvements



Conclusion

- Communication with Campus Constituencies
- Collegial Efforts: Cross-Divisional Collaboration (Academic Affairs and Student Affairs)
- Collaboration with High School District & Community College
- Critical Role of IRAS / IT to support Evidence-Based Decision



Q & A

Institutional Research & Analytical Studies

QUICK FACTS STUDENT DATA FACULTY DATA PRESENTATIONS SURVEYS RESOURCES ABOUT US

ORANGE COUNTY STATE COLLEGE	
JULY 24,1959 APPLICATIONS	
TOTAL REJECTED - 6	
< INCOMPLETE APPLICATIONS-73	
GRAND TOTAL 149	
Bors 11	

Acayear	Headcount	Fall rb-FTES
2016-2017	40,235	32,306
2015-2016	38,948	31,405
2014-2015	38,128	30,819
2013-2014	38,325	30,777
2012-2013	37,677	30,287

Fall 1959 Admission Reporting System as compared to the Current Reporting Metrics

- Presentation available on IRAS website:
 - http://www.fullerton.edu/analyticalstudies/
- Contact: Sunny Moon, Director of Institutional Research & Analytical Studies
 - hmoon@fullerton.edu x4749