LOS MEDANOS COLLEGE

Effect of the Comprehensive Course Scheduling based on Student's preference, Student Behavior, and Course Success Rate

Instructional Modality

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1.21.2022

Purpose

Organizational Structure

Create an effective and efficient course schedule based on students' preference (voice) and behaviors (action) to achieve their educational goal

Student Survey

Enrollment Behavior

Course Success

Planning, Implementation, and Evaluation Fall 2021 Schedule

Student Preference Survey for Fall 2021—Student Voice

Course Enrollment & Fill Rate—Student Behavior

Course Success Rate—Student Success

Comprehensive Course Scheduling

Student Voice

Student Survey—Course and Service Preference for Fall 2021

Student Survey: April 2021

Demographics

1. 1304 students responded (N=8000+, Response Rate 15%)
2. Majority (72%) were age group of 18-29
3. Majority (67%) were female
4. Ethnicity:
   - 36% from Hispanic students (40%),
   - 28% white (21%),
   - 16% API (14%),
   - 12% African American (12%).
5. 89% intent to enroll in Fall 2021:
   - 90% Hispanic,
   - 88% white,
   - 89% API,
   - 92% African American.

Student Voice

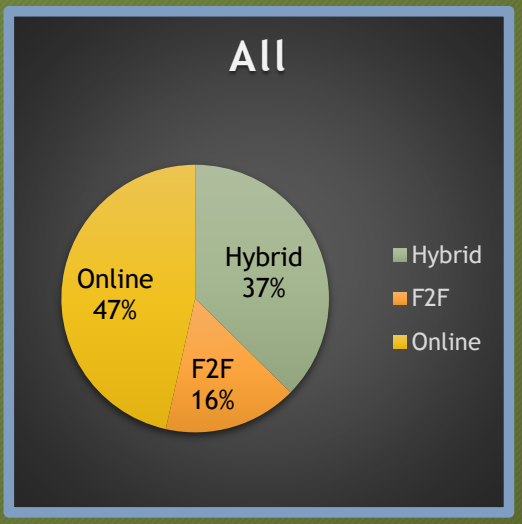
Student Survey—Course and Service Preference for Fall 2021--Ethnicity

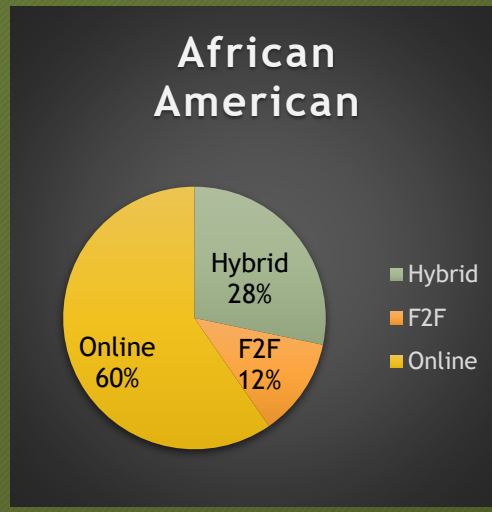
Student Survey: April 2021

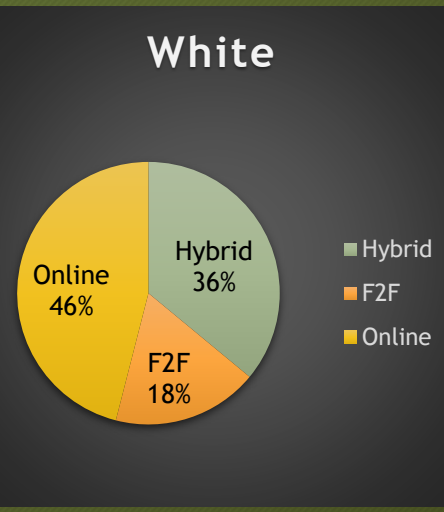
Instructional Modality

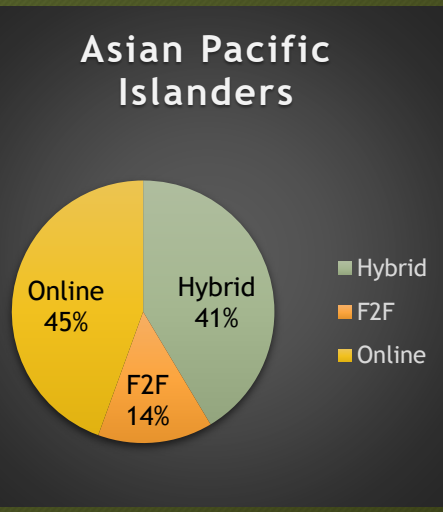
(select one preferred method)

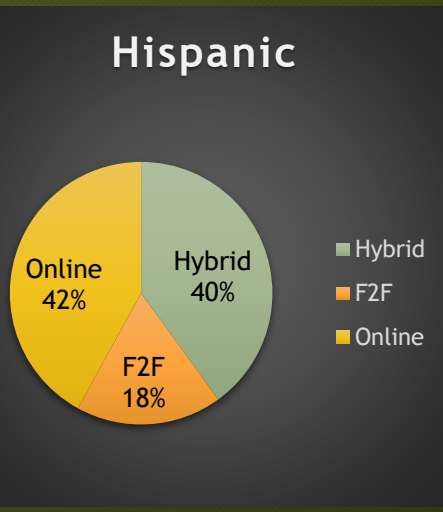
Student Voice











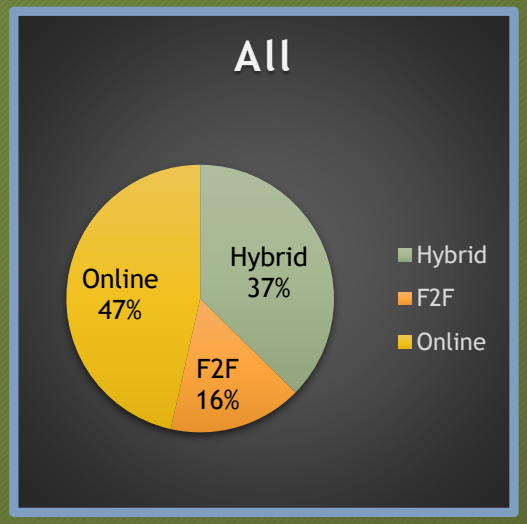
Student Survey—Course and Service Preference for Fall 2021--Gender

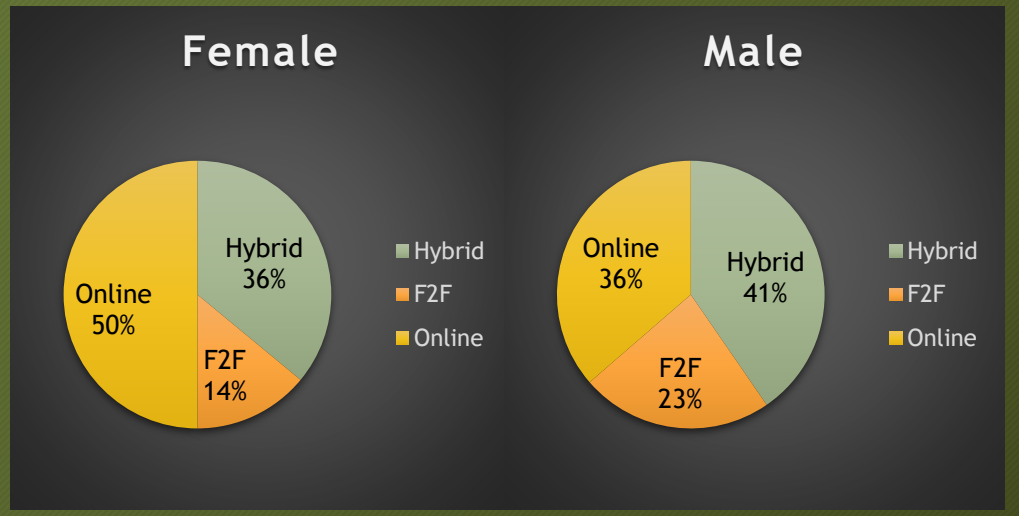
Student Survey: April 2021

Student Voice

Instructional Modality

(select one preferred method)





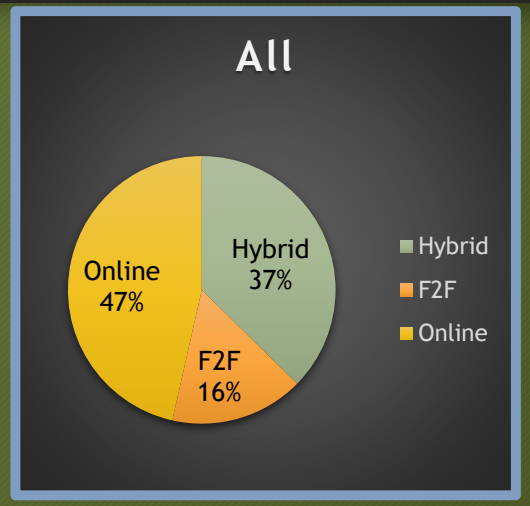
Student Survey—Course and Service Preference for Fall 2021—Age Group

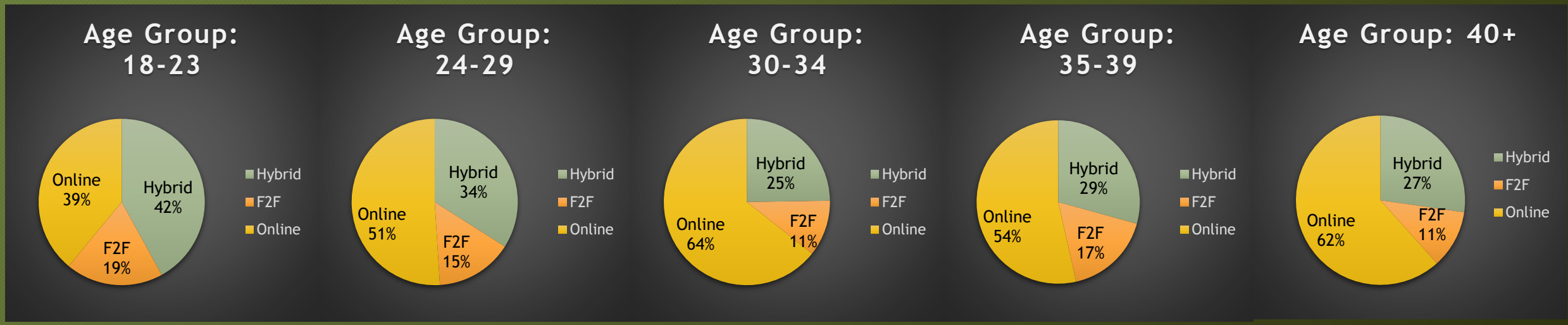
Student Survey: April 2021

Student Voice

Instructional Modality

(select one preferred method)





Student Survey—Course and Service Preference for Fall 2021—Student Support Services

Student Survey April 2021

Student Voice

When asked to select preferred method for student support services:

1. Majority of students preferred both online and in person (hybrid) and range from 43% to 56%.
2. F2F services that students preferred are :
    a. Tutoring (19%)
    b. Counseling (19%)
    c. Library (17%)
    d. Student Life (16%)

Takeaway of Student Survey—Planning for Fall 2021

Student Survey April 2021

Student Voice

1. From student's voice, 89% of them intend to enroll in Fall 2021
2. Students prefer online (47%), followed by hybrid (37%), then by F2F (16%)
3. African American (60%) prefers online more than other ethnicities (42%-46%).
4. Female (50%) prefers online more than Male (36%).
5. Age 30+ prefers online (54-64%) more than younger age (less than Age 30) groups.
6. Rank students' preferred modality,
    1. #1=Online Asynchronous method
    2. #2=Online Synchronous method
    3. #3=Hybrid
    4. #4=In Person ranked as the least preferred method
    5. The rankings are consistent among ethnicities, gender, and age groups
7. Student Support Services Modality: Majority of students preferred both online and in person (hybrid)

Enrollment Behavior

Student Enrollment Behavior

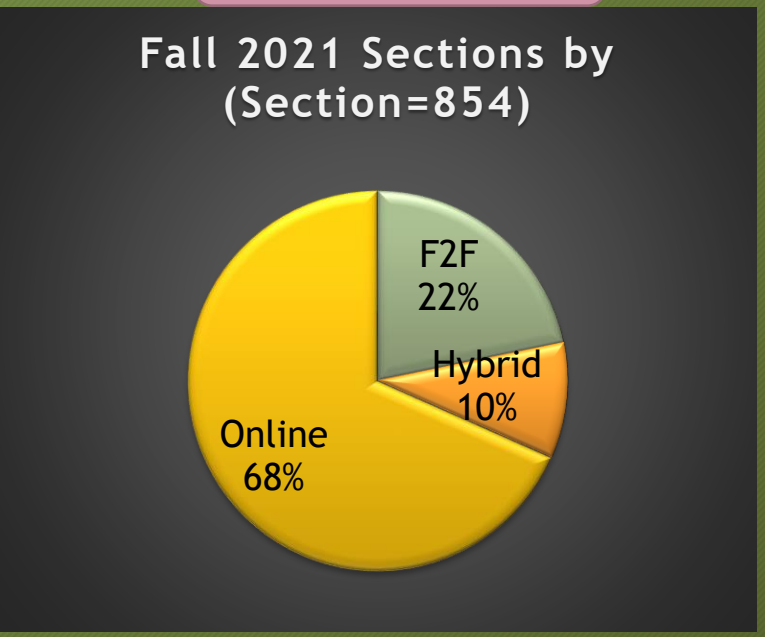
Enrollment

Fill Rate

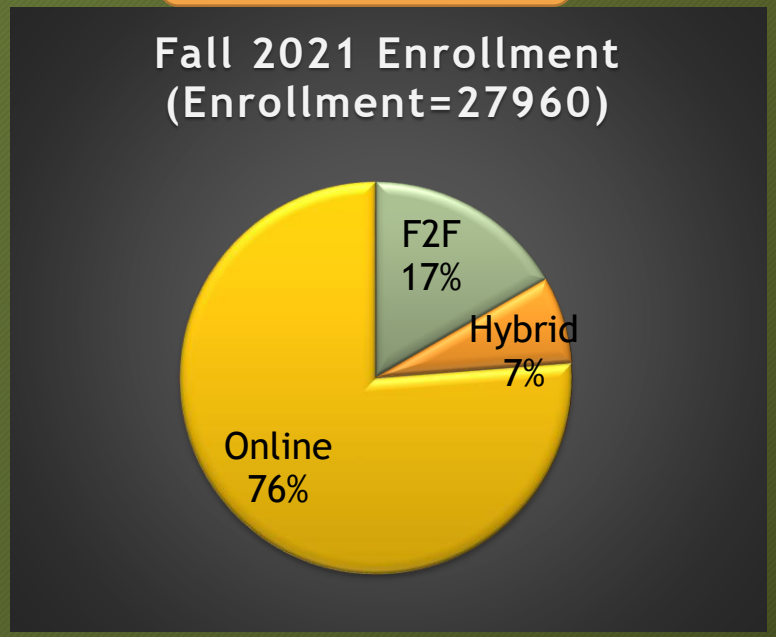
Fall 2021 Modality by Section, Enrollment, and Fill Rate

Census

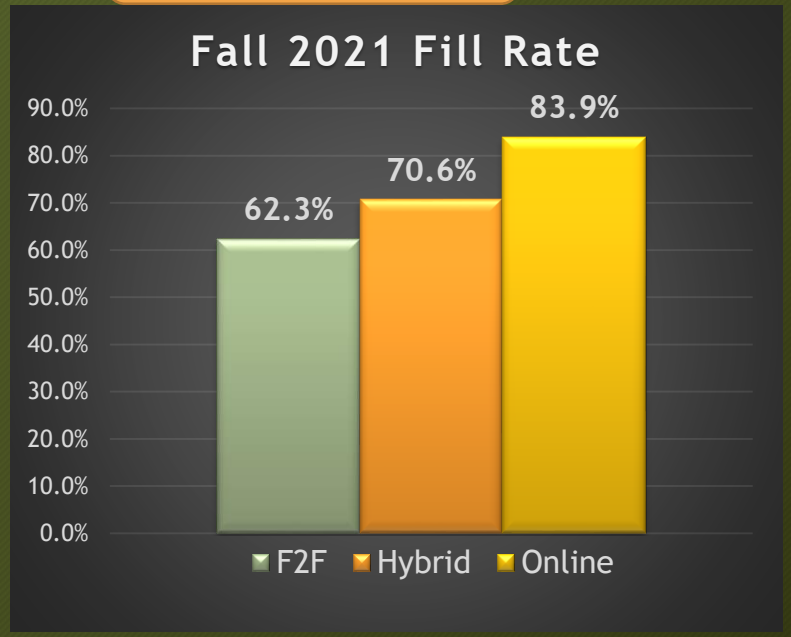
Institution Structure



Student's Behavior



Student's Behavior

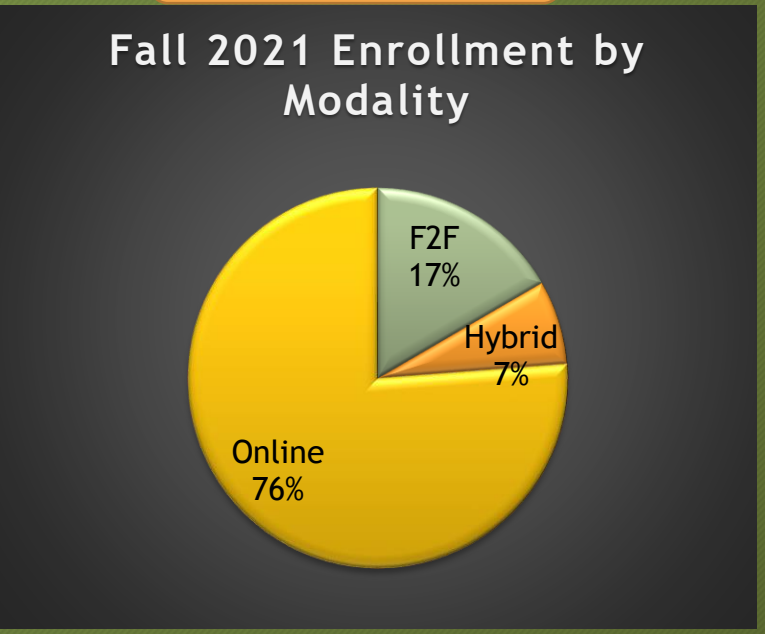


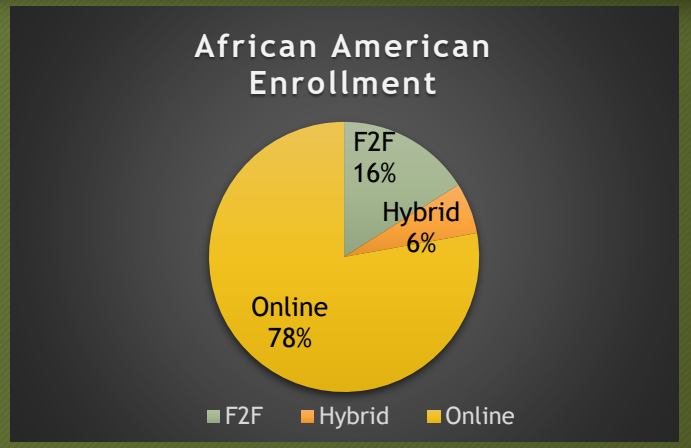
Delta

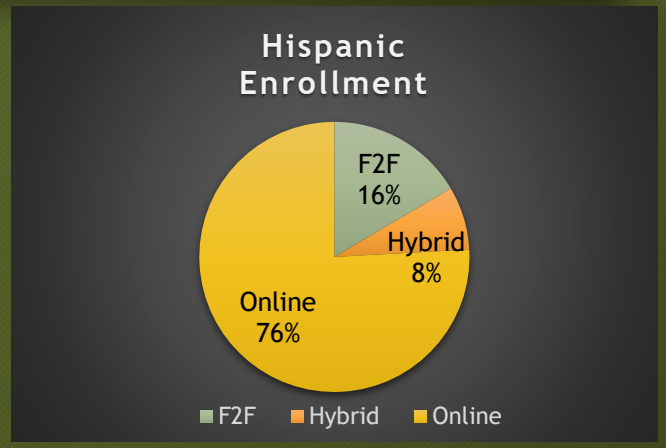
Fall 2021 Modality by Enrollment by Ethnicity

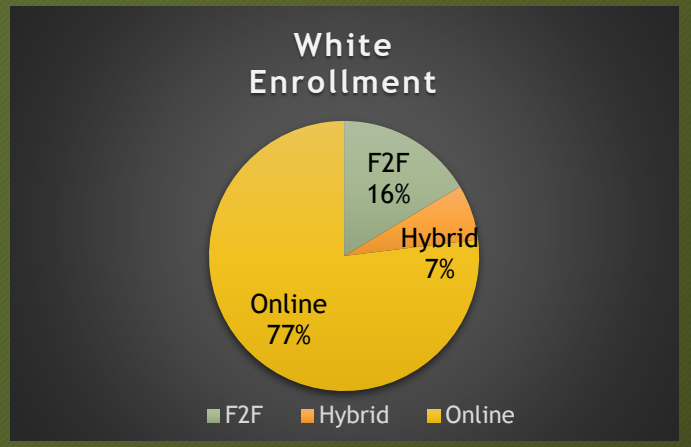
Enrollment Behavior

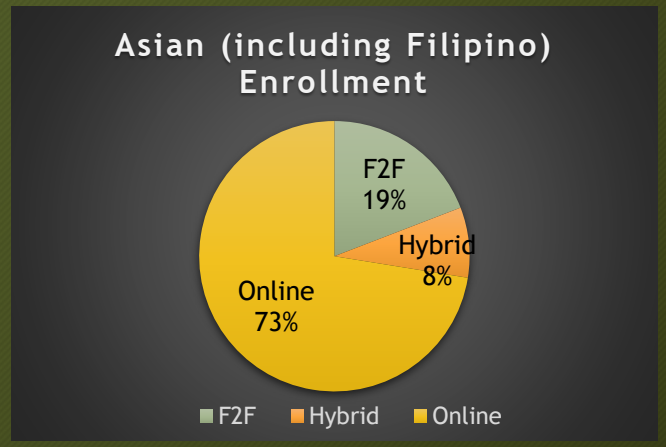
Student's Behavior







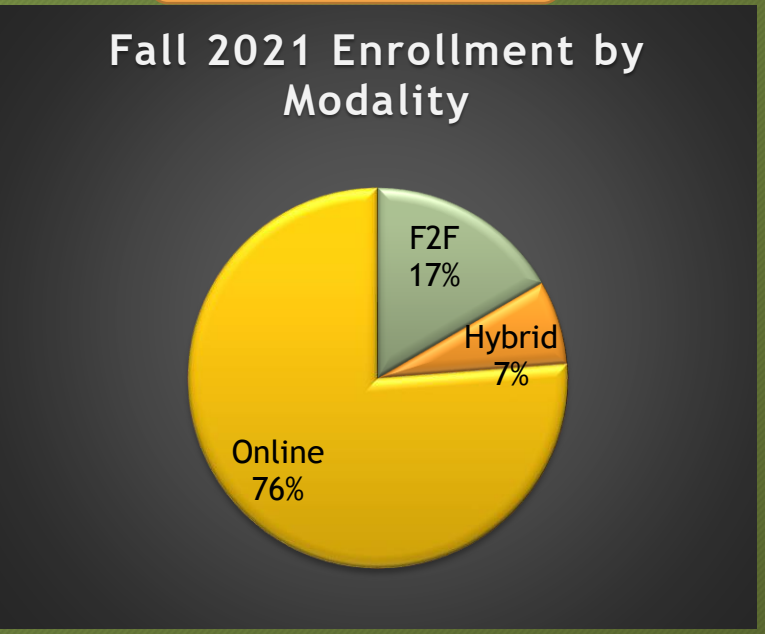


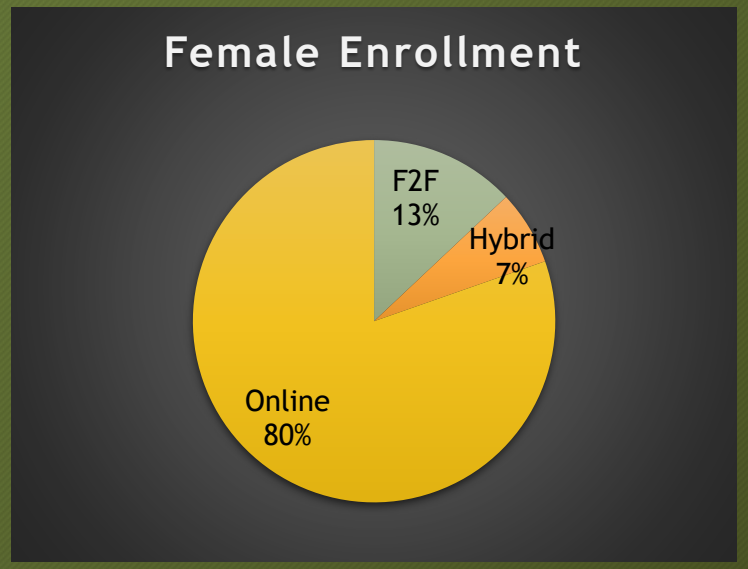


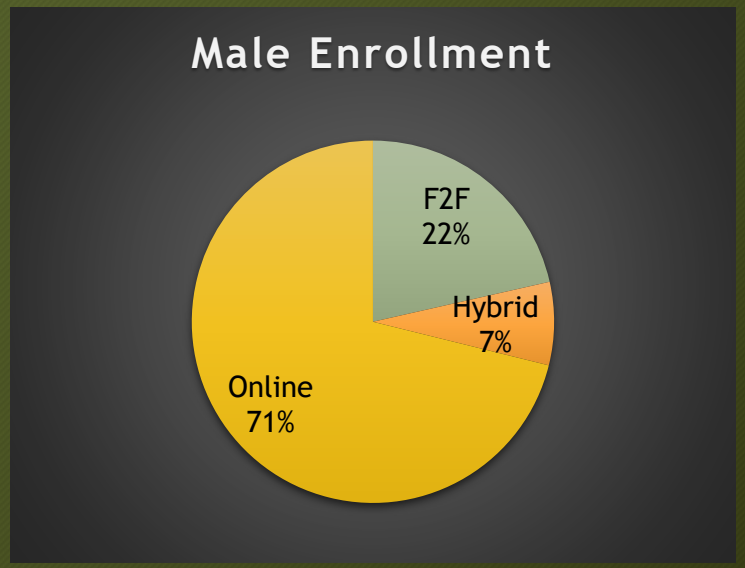
Fall 2021 Modality by Enrollment by Gender

Enrollment Behavior

Student's Behavior





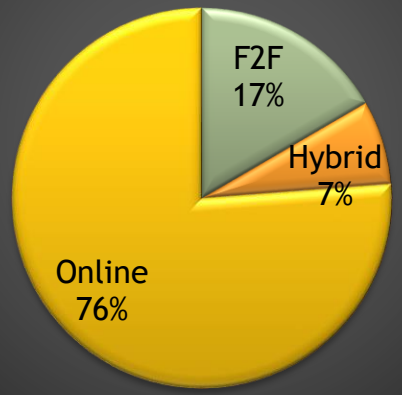


Fall 2021 Modality by Enrollment by Age Group

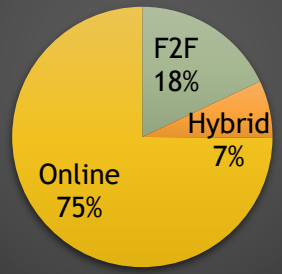
Enrollment Behavior

Student's Behavior

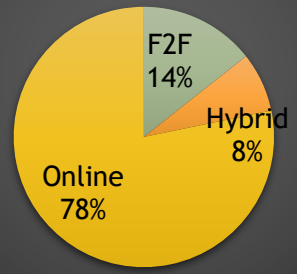
Fall 2021 Enrollment by Modality



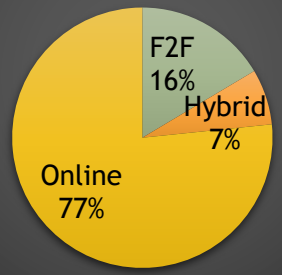
Enrollment Age less than 20



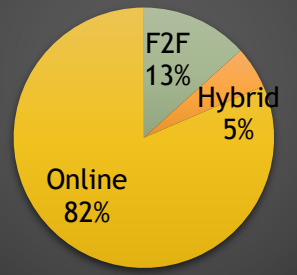
Enrollment Age 25-39



Enrollment Age 20-24



Enrollment Age 40+

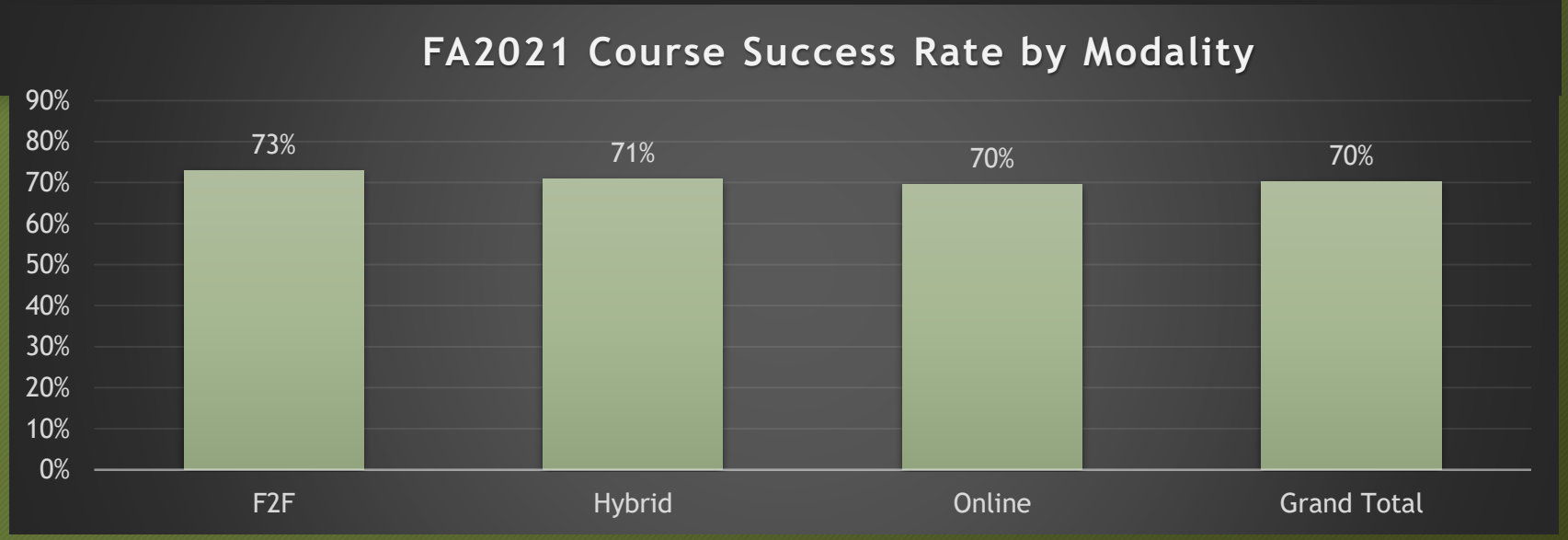


Course Success

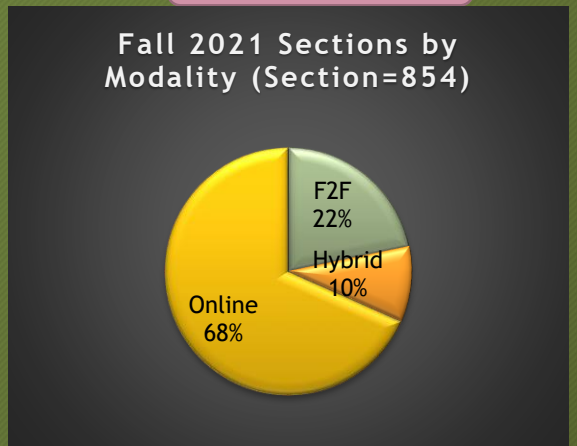
Course Success

Fall 2021 Modality by Section, Enrollment, Fill Rate, and Success Rate

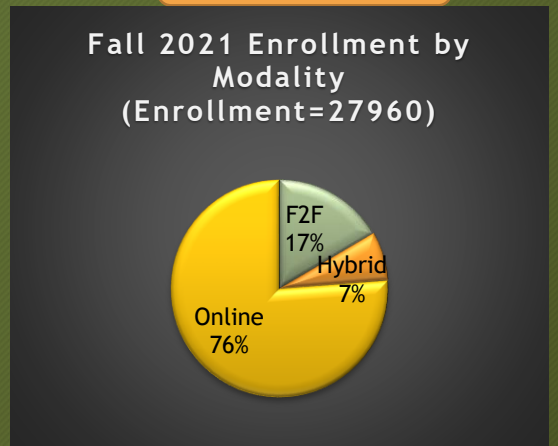
Course Success



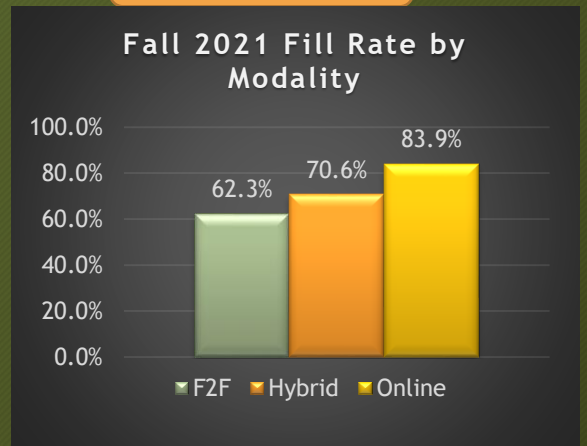
Institution Structure



Student's Behavior



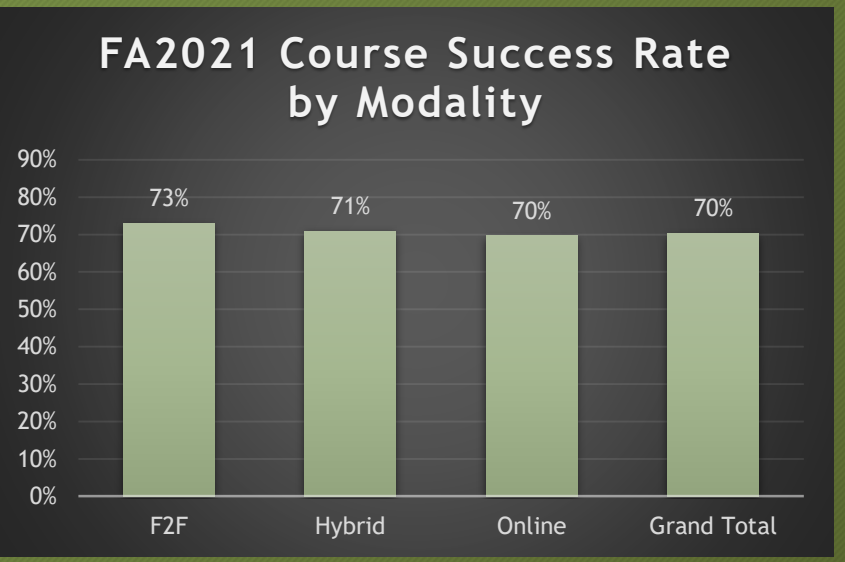
Student's Behavior

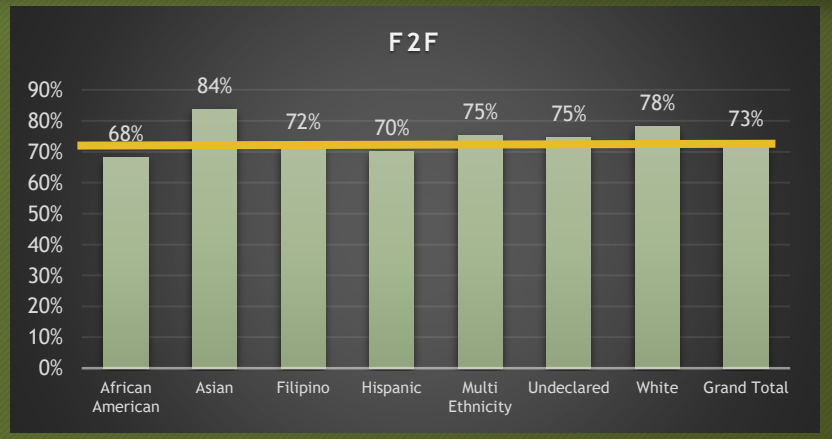


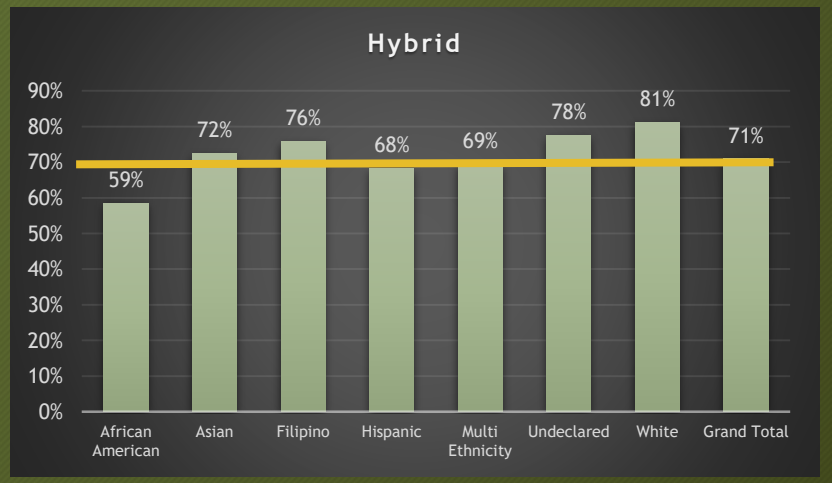
Data on Course Success for the past 4 years: https://www.losmedanos.edu/planning/SuccessRate_ModalitybySemester_M.pdf

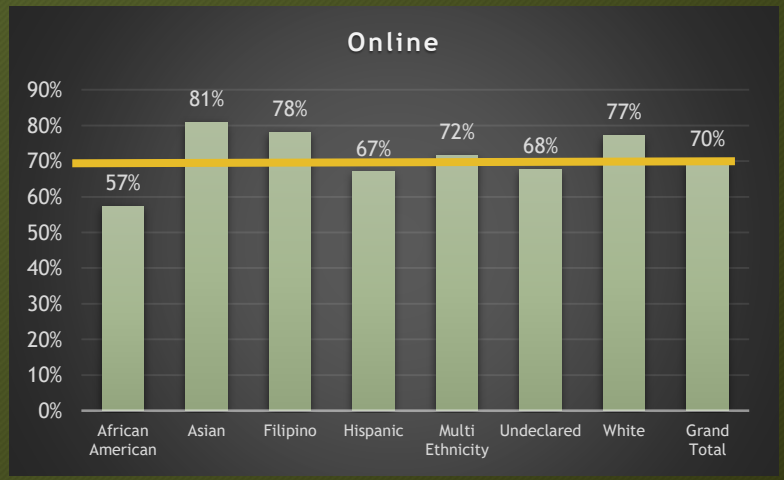
Fall 2021 Course Success--Ethnicity

Course Success



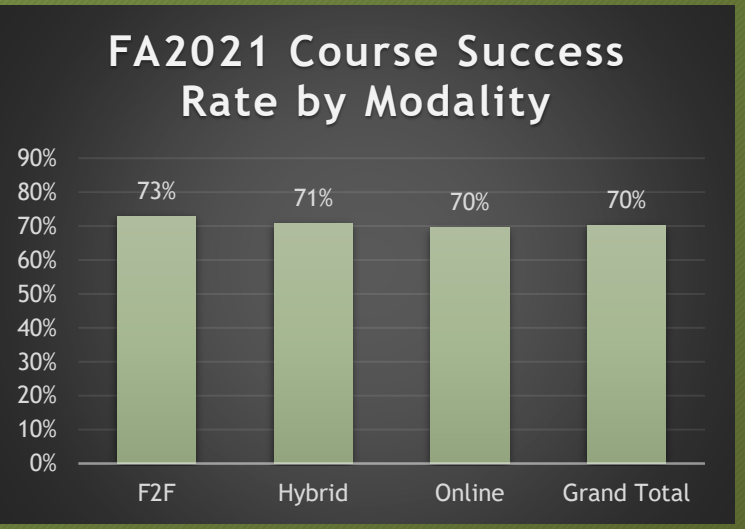


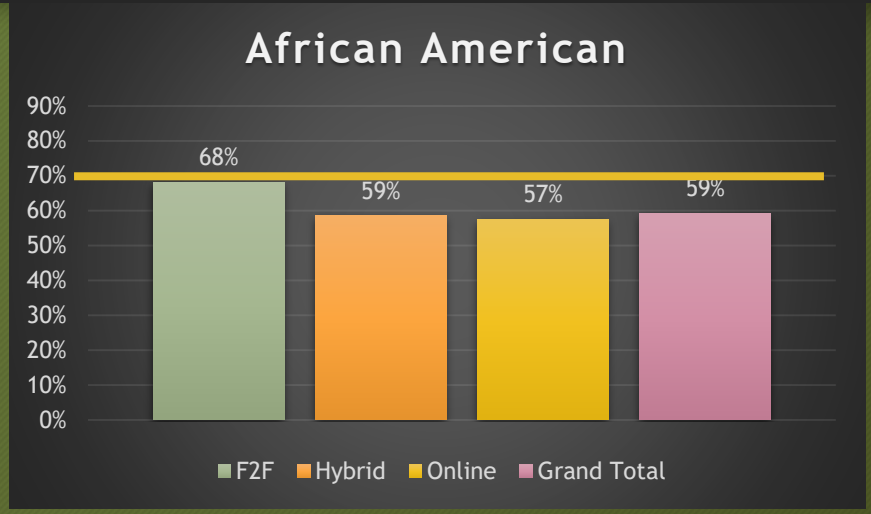


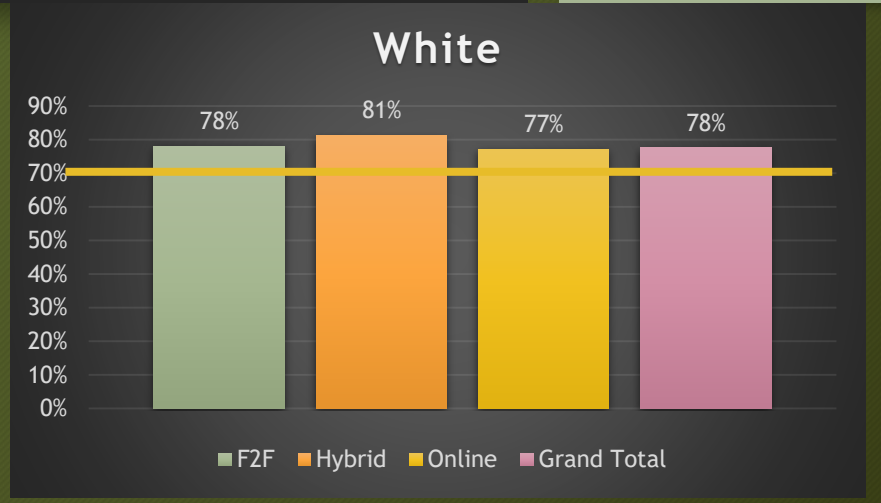


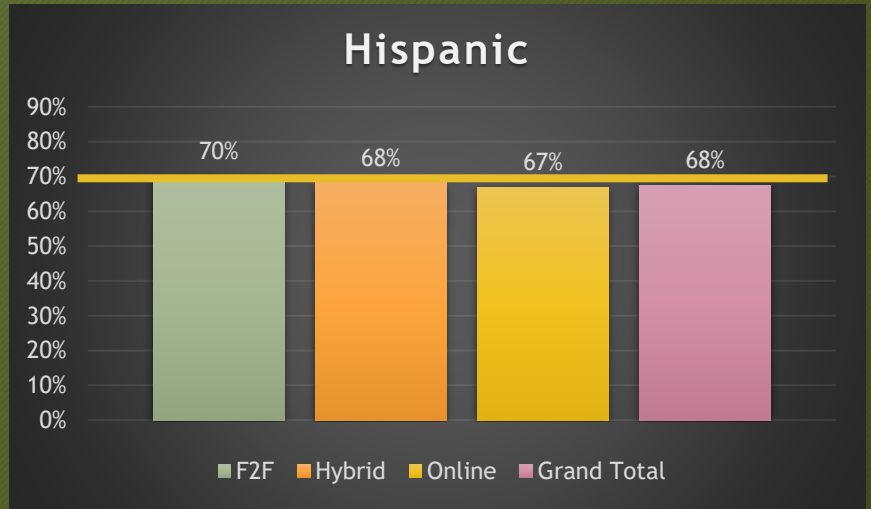
Fall 2021 Course Success--Ethnicity

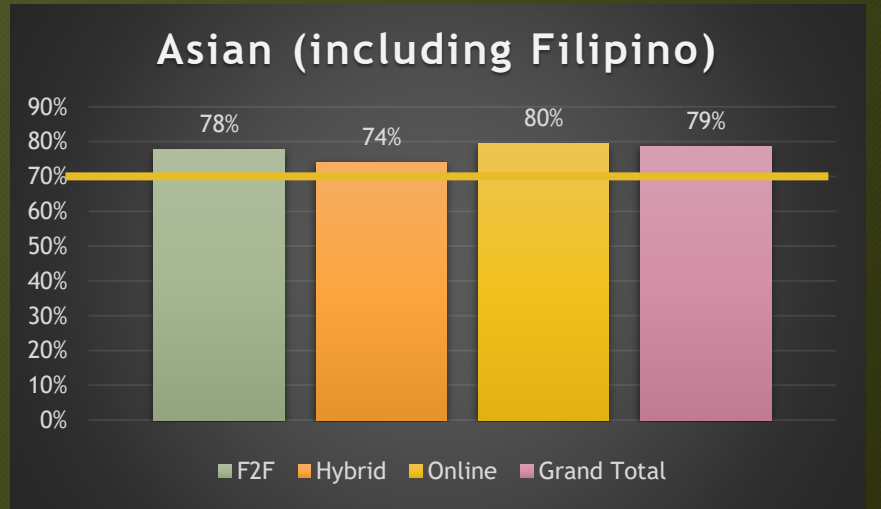
Course Success





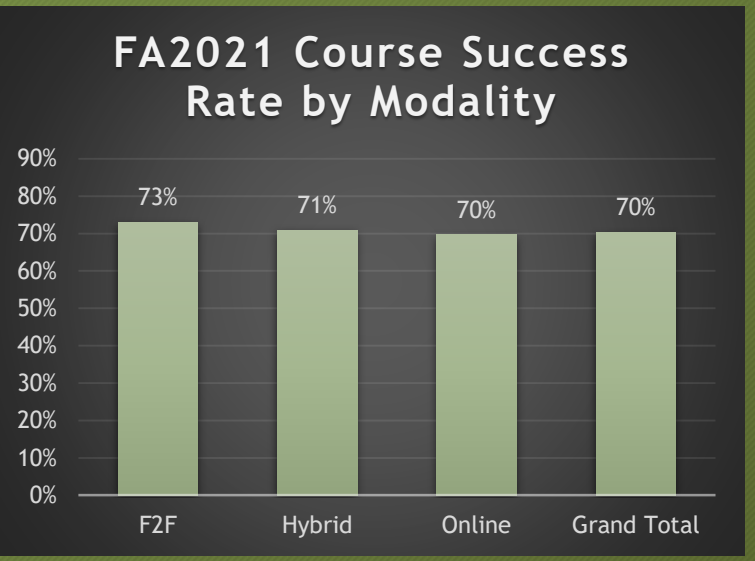


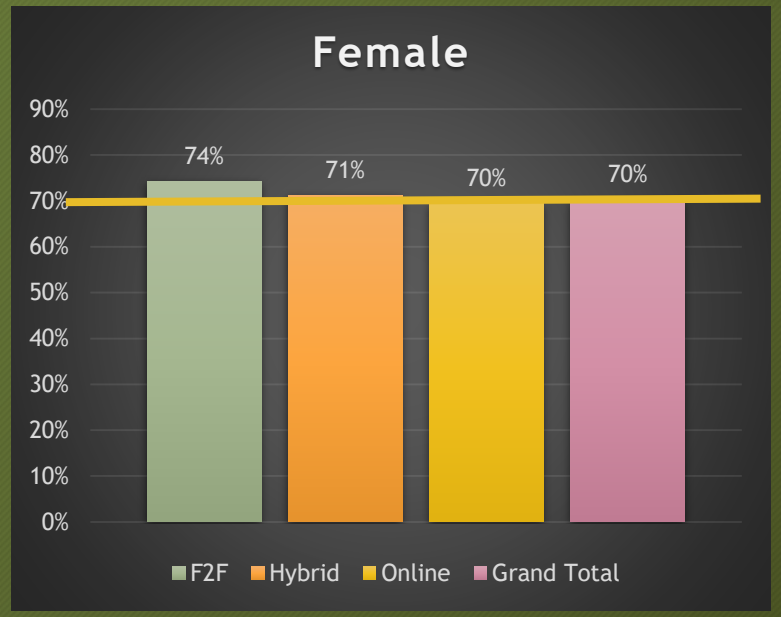


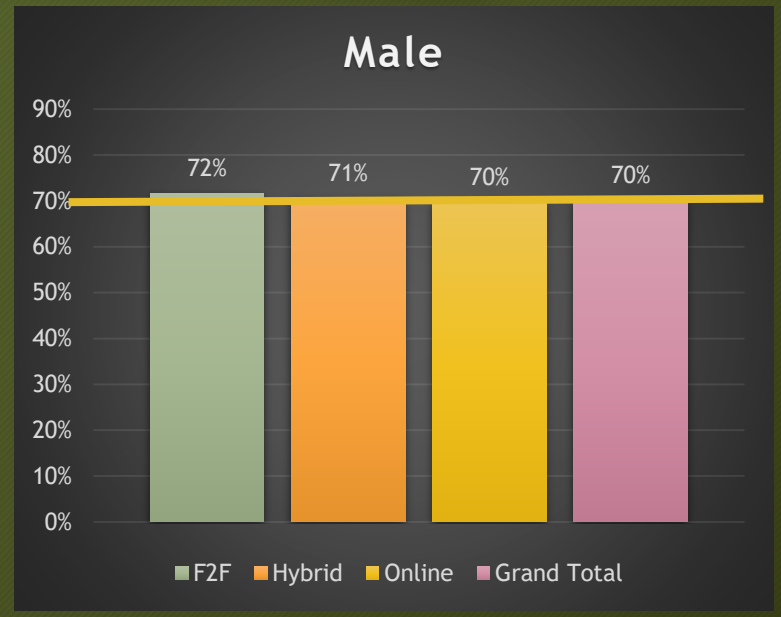


Fall 2021 Course Success—Gender

Course Success

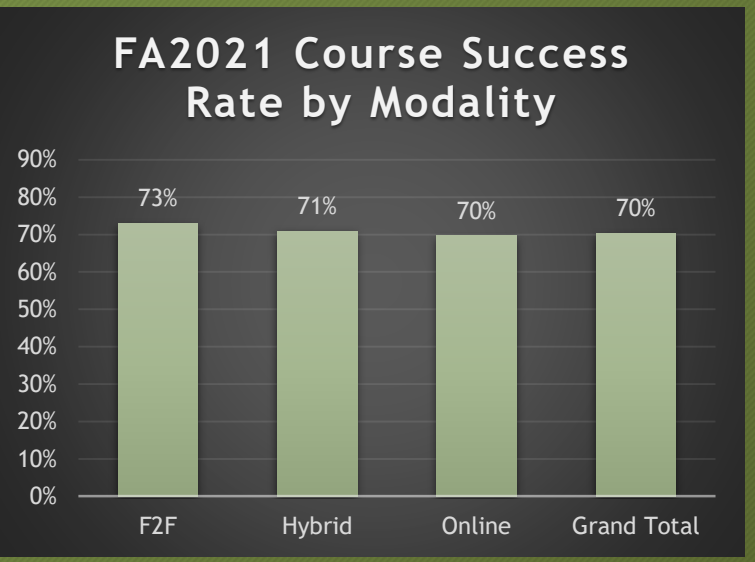


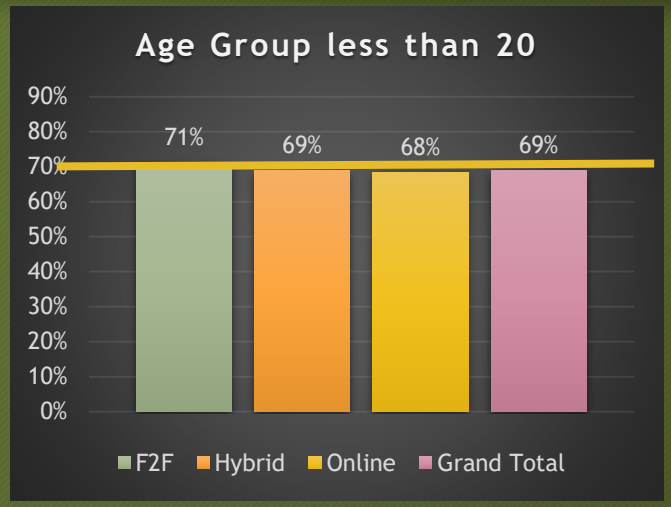


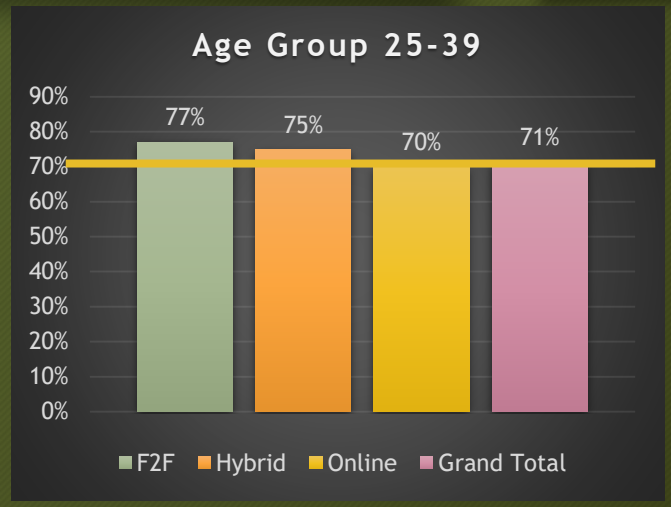


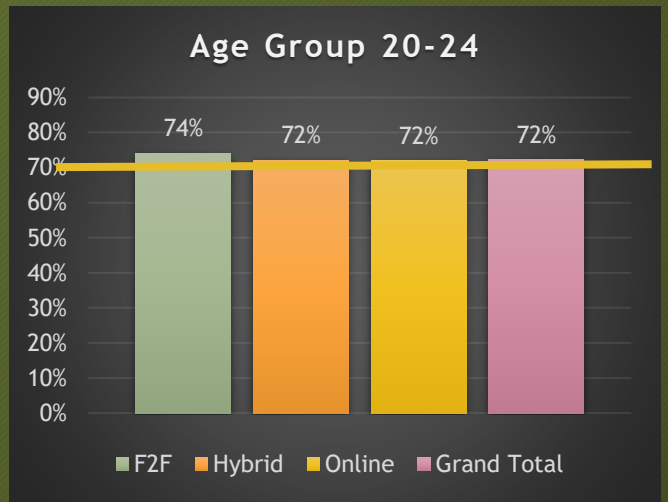
Fall 2021 Course Success—Age Group

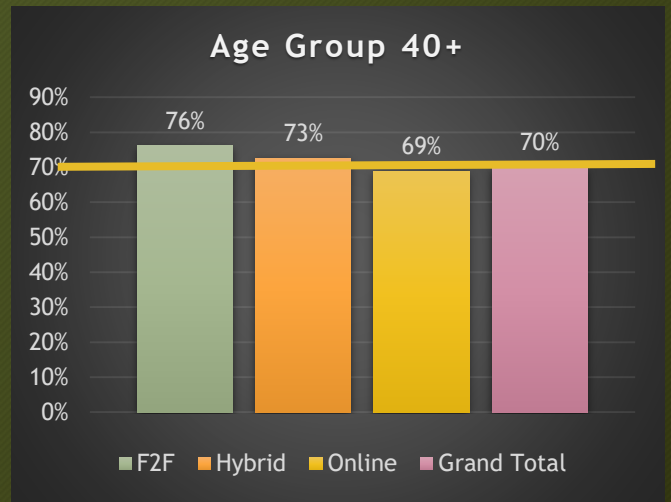
Course Success











Schedule Modification—Spring 2022

Spring 2021 “Super Schedule”

- Based on external demands and student needs, Department Chairs were introduced to the Spring 2022 Super Schedule at the 10/1 meeting.
- Departments worked to revise 3rd draft to meet the identified student need.
- Final draft of schedule: 61% online / 12% Hybrid / 27% F2F
- Super Schedule Examples: F2F Monday and Wednesday; F2F Tuesday and Thursday

Example Pittsburg Student Schedule:

Monday / Wednesday: F2F & Hybrid

- A1 or A3 - SPCH-110 (9:35) / SPCH 120 - (9:35)
- A2 or A3 - English 100, 0176 (W11:10) / English 221, 8457, (W11:10) / PHIL 110, 0461 (11:10)
- C1 - ART-009 (12:45)
- B2 - BIOSC-008 (3:20)

Tuesday / Thursday: F2F & HYBRID

- A1 - SPCH-110 (9:35)
- A2 or A3- English 100, 0005 (T11:10) / English 221, 8440, (TH11:10)
- D - History 29 (12:45) / PSYCH 10 (3:20)
- B1 – CHEM-025 (2:20)

Example Brentwood Student Schedule:

Monday / Wednesday: F2F & Hybrid

- A2 or A3 – English 100 (9:35) / English 230 (11:10)
- A1 – Speech 110 (11:10) / Speech 120 (9:35)
- C2 – Philosophy 122 (12:45)

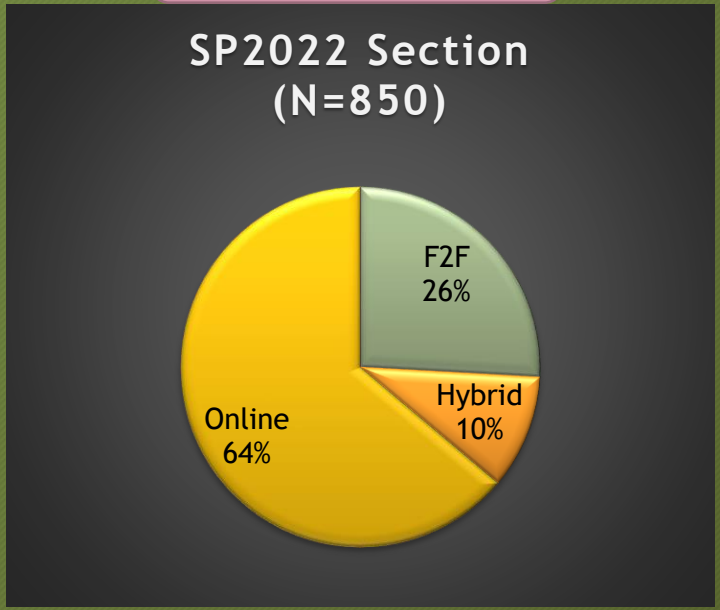
Tuesday / Thursday

- A2 – English 100 (TH 9:35)
- C2 – Sign-050 (T11:10)
- D – History 40 (TTh12:45)
- B4 – Math 110 (TTH6:50)

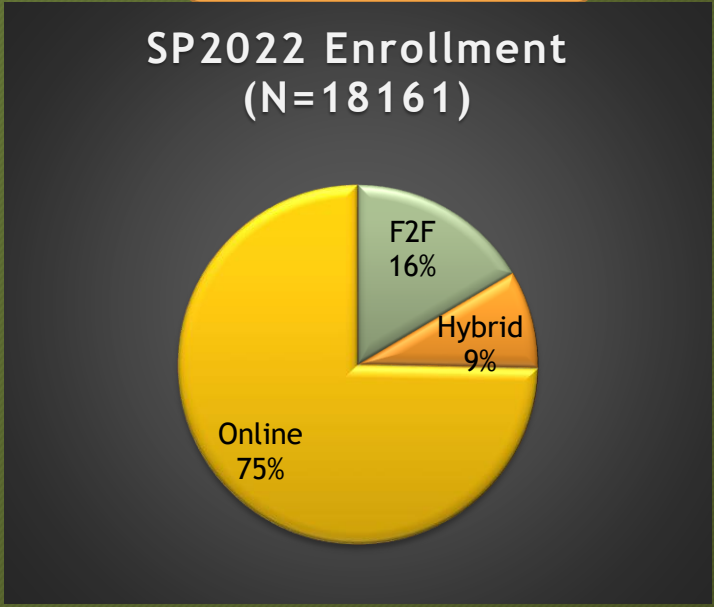
Spring 2022 Modality by Section, Enrollment, and Fill Rate

1.19.2022
5 days before school starts

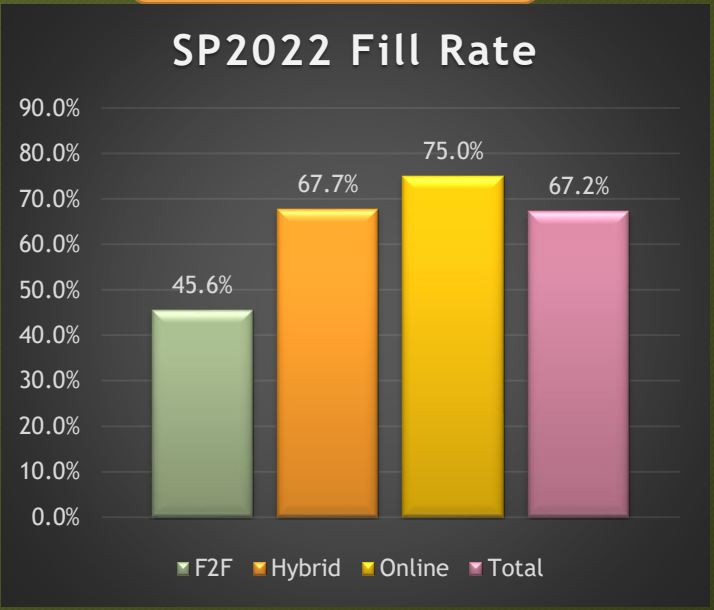
Institution Structure



Student's Behavior



Student's Behavior



The End