

TRANSFORMATIVE SUCCESS THROUGH EQUITY-BASED APPROACH NONCREDIT ACADEMIC SUPPORT

**VISION 2030 NONCREDIT SUMMIT
OCTOBER 4, 2024**

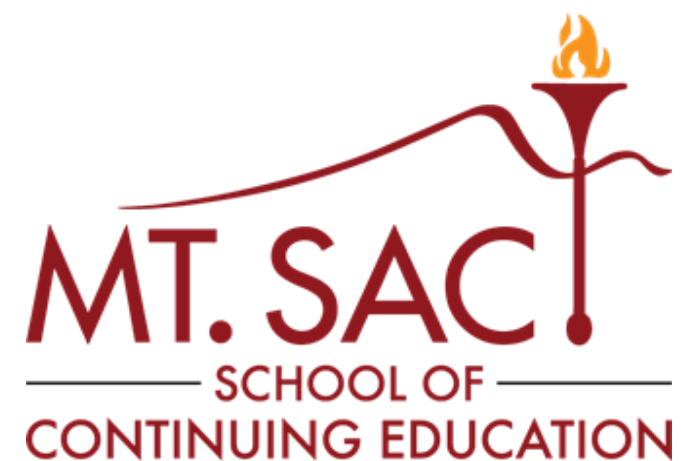


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DR. MADELYN ARBALLO, VICE PRESIDENT, SCE



PRESENTATION DESCRIPTION

Mt. SAC School of Continuing Education (SCE) will share with you today:

- Our equity-focused work through a diverse offering of noncredit academic support
- Focus on serving underrepresented noncredit and credit students
- Noncredit students' transition to credit and success in credit courses
- Engaging campus partners to empower the diverse adult learner population
- Importance of data collection and outcome reporting



NONCREDIT ACADEMIC SUPPORT



**Adult Basic Education
(noncredit)**

**AIME
Rising Scholars
TEAS/HESI Prep
Healthcare Math
(VOC HCM1)**

**ESL & AMLA
(noncredit/credit)**

**Language Learning
Center**

**Biology Department
(noncredit/credit)**

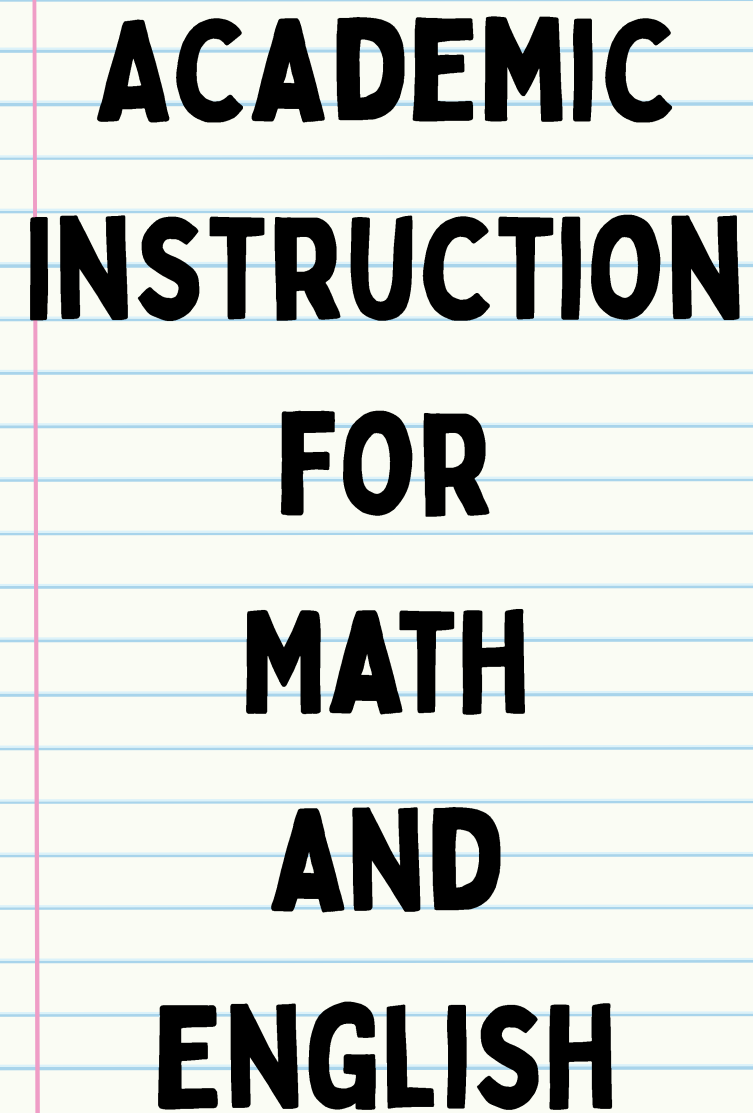
**Basic Anatomy and
Physiology
(VOC ANA50)**

**Short-Term Vocational
(noncredit)**

**NCELX-PN Prep
(VOC NCLXP)**

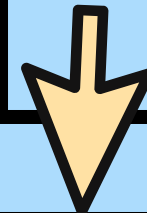


AIME



**ACADEMIC
INSTRUCTION
FOR
MATH
AND
ENGLISH**

Noncredit faculty worked with credit faculty to develop curriculum targeting concepts that students need to be successful in college-level English and math.



Three voluntary noncredit courses have been developed:

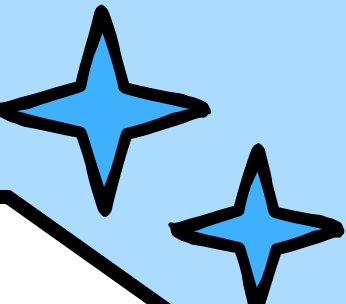
- English Preparation for College Success (BS EPCS)
- Math Preparation for Statistics Success (BS MPS)
- Math Preparation for BSTEM Success (BS MPSTM)



Short-term, open-entry/exit courses are offered several times throughout the year in-person and online.



AIME COURSES



BS EPCS (ENGLISH PREPARATION FOR COLLEGE SUCCESS)

- Close reading and critical analysis of texts
- Strategies for revision
- Thesis development
- Expository writing
- Argumentative writing

BS MPS (MATH PREPARATION FOR STATISTICS SUCCESS)

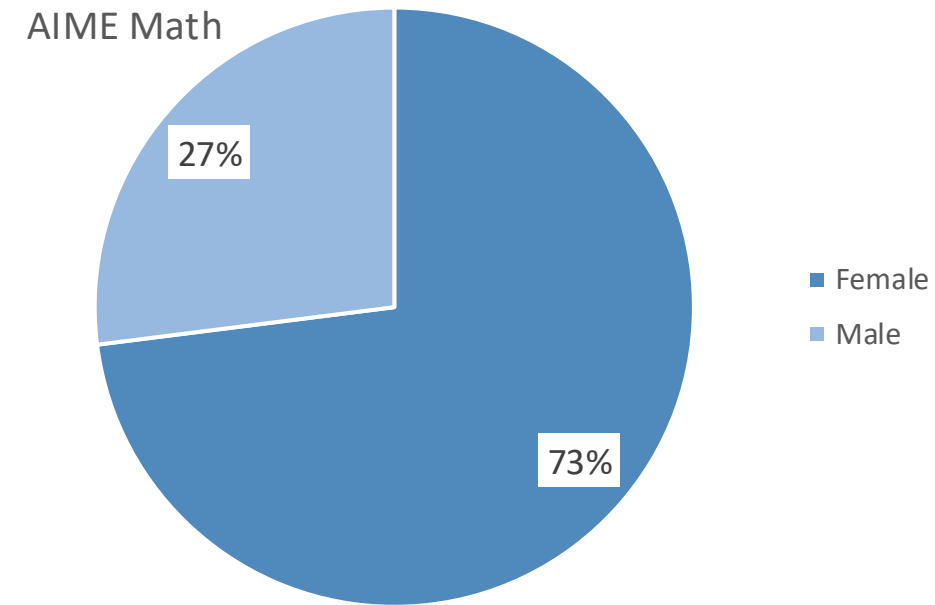
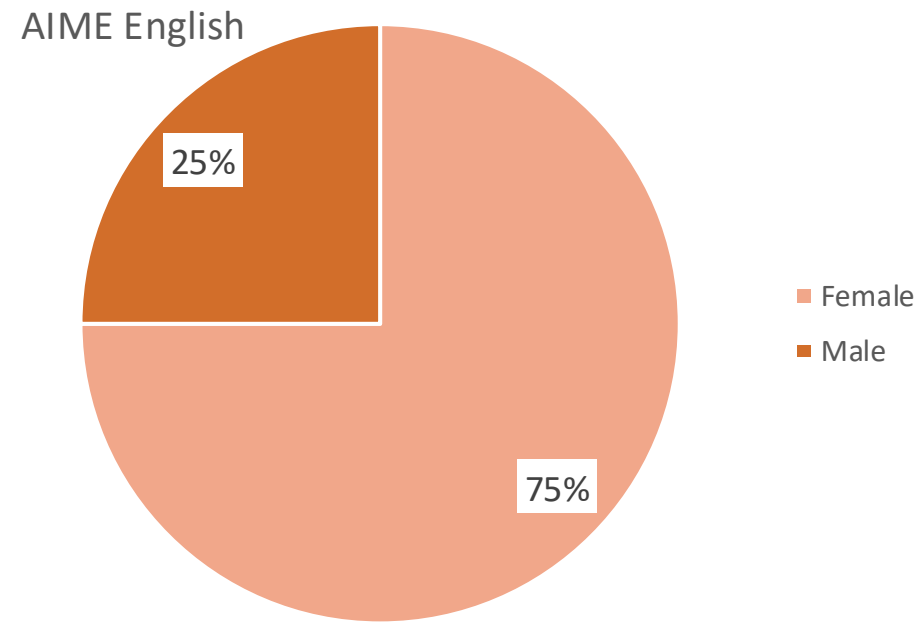
- Ratios, fractions, decimals, percentages
- Measures of central tendency
- Measures of dispersion
- Dot plots, histograms, boxplots
- Probability
- Graphing Skills

BS MPSTM (MATH PREPARATION FOR BSTEM SUCCESS)

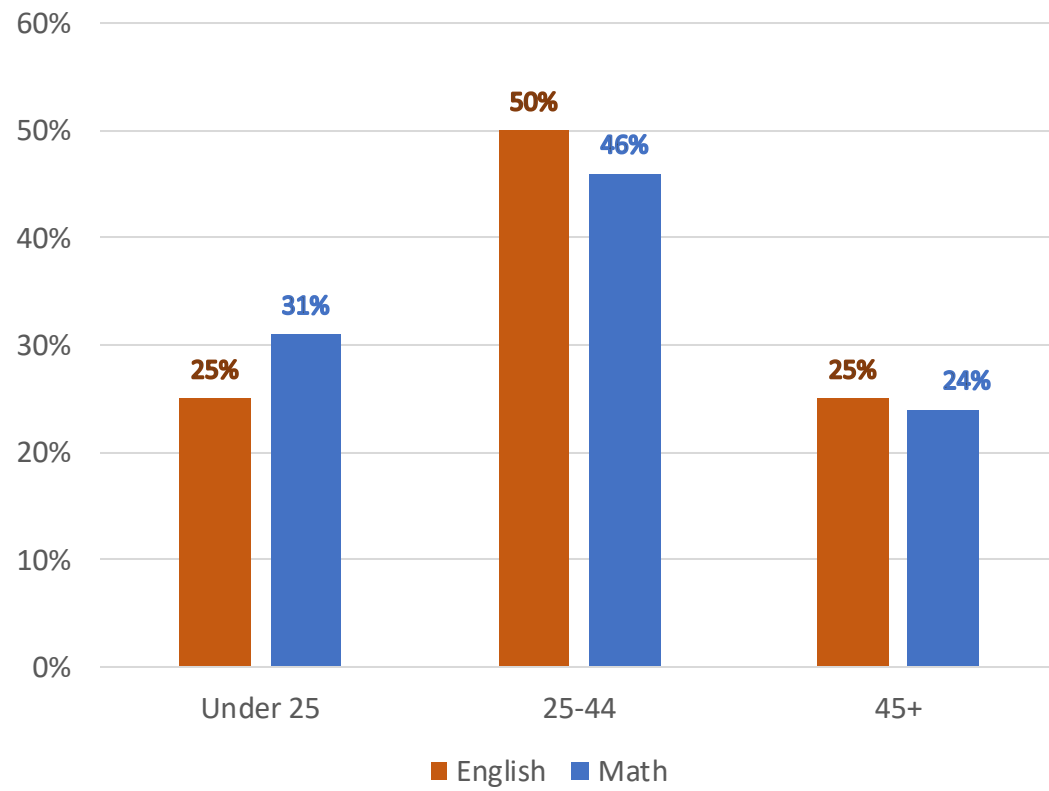
- Functions, function notation, graphing basic functions
- Factor and graph absolute value equations and inequalities
- Quadratic and other polynomial functions
- Properties of exponential functions, fractional exponents, radicals
- Systems of equations

AIME DEMOGRAPHICS

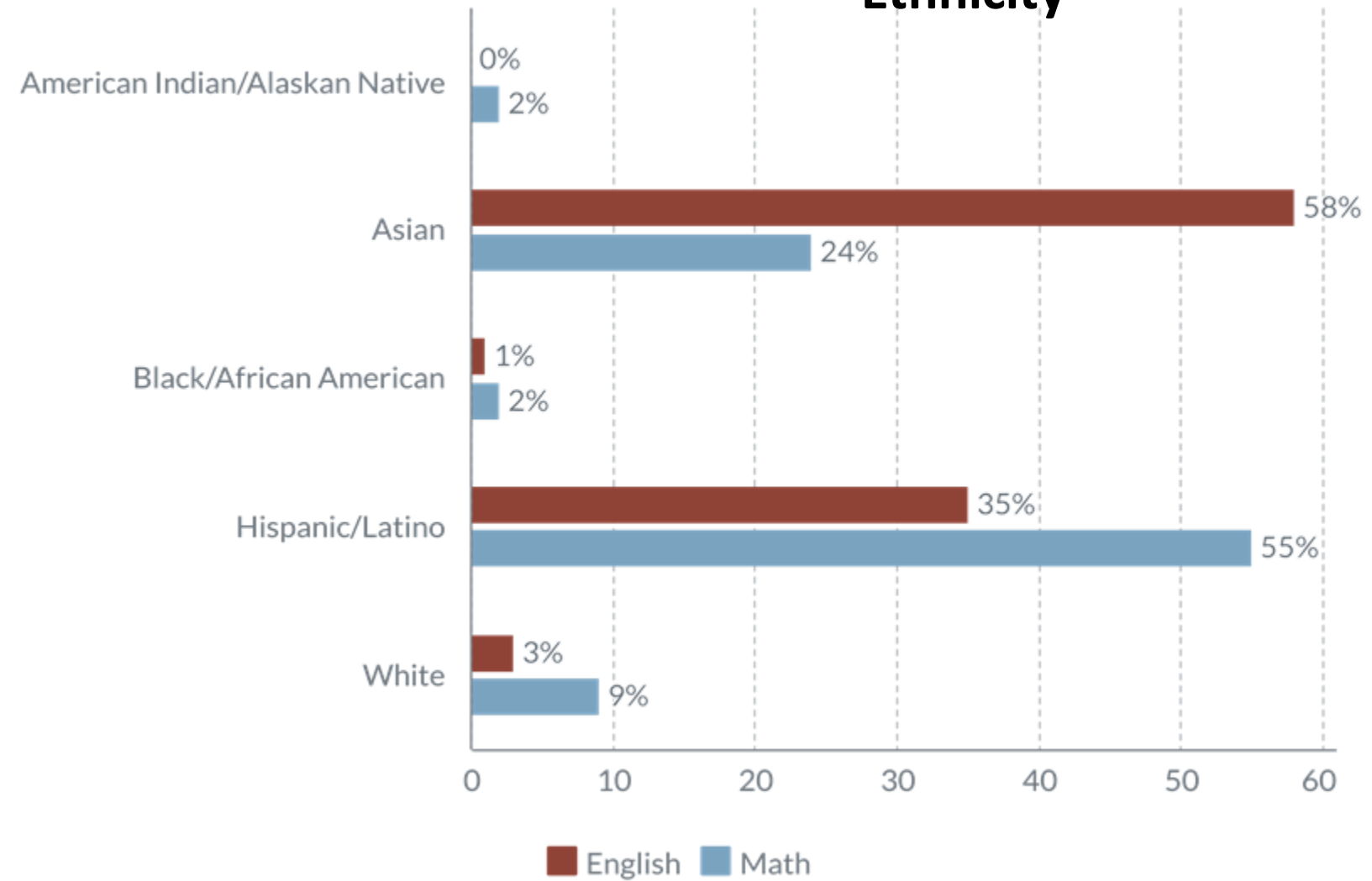
Gender



Age

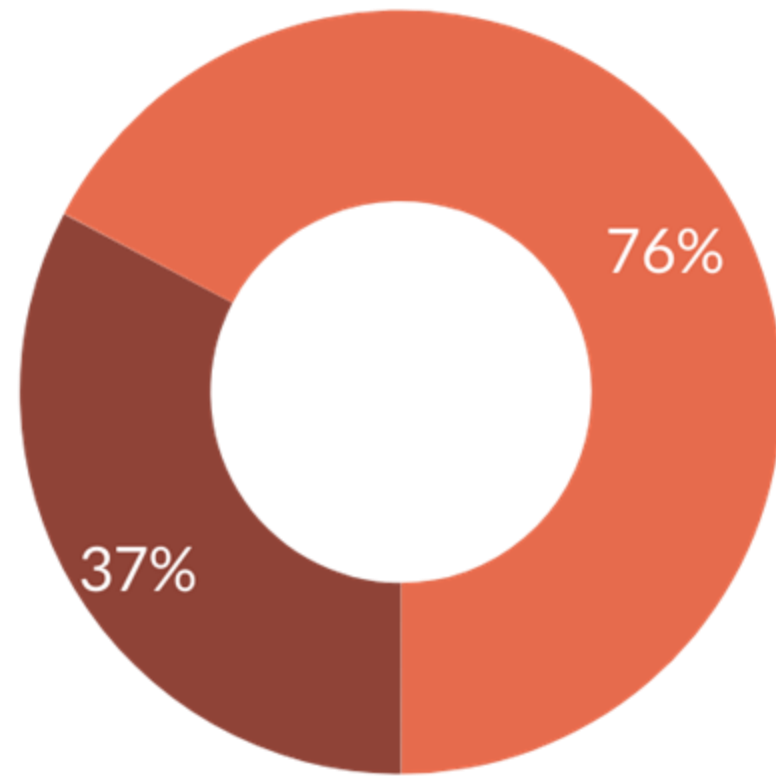


Ethnicity



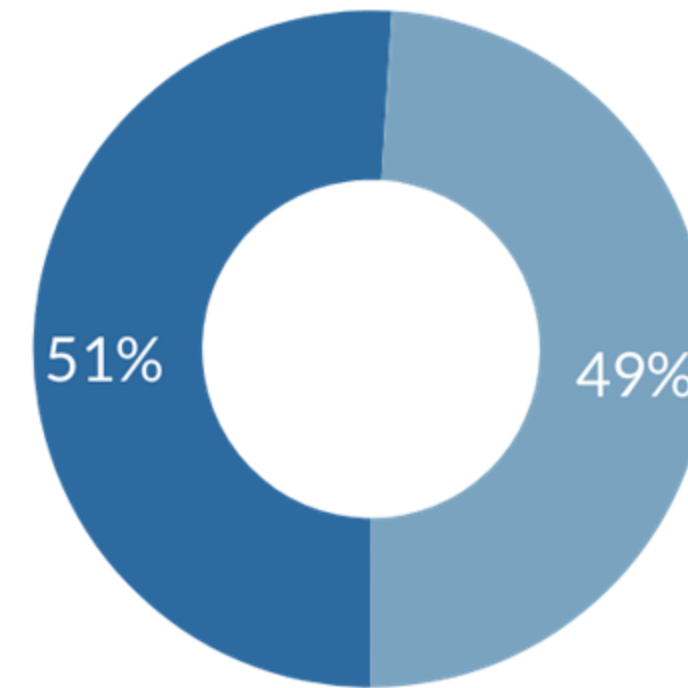
2023-2024 AIME ENROLLMENT COURSE ENROLLMENT PRIOR TO AIME

AIME English
189 Students



- Enrolled in Credit Courses before AIME (46)
- Enrolled in Noncredit Courses only before AIME (143)

AIME Math
123 Students



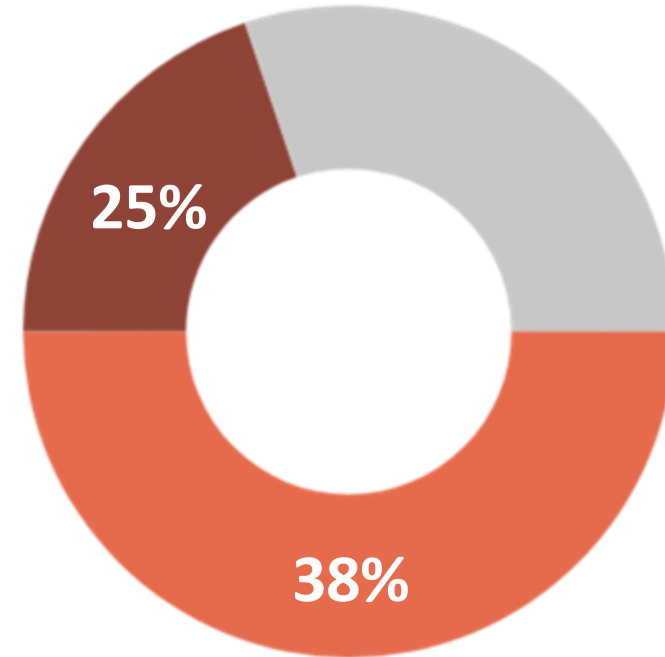
- Enrolled in Credit Courses before AIME (63)
- Enrolled in Noncredit Courses only before AIME (60)

COURSE ENROLLMENT AFTER AIME

AIME English

189 Students

English Enrollment After AIME

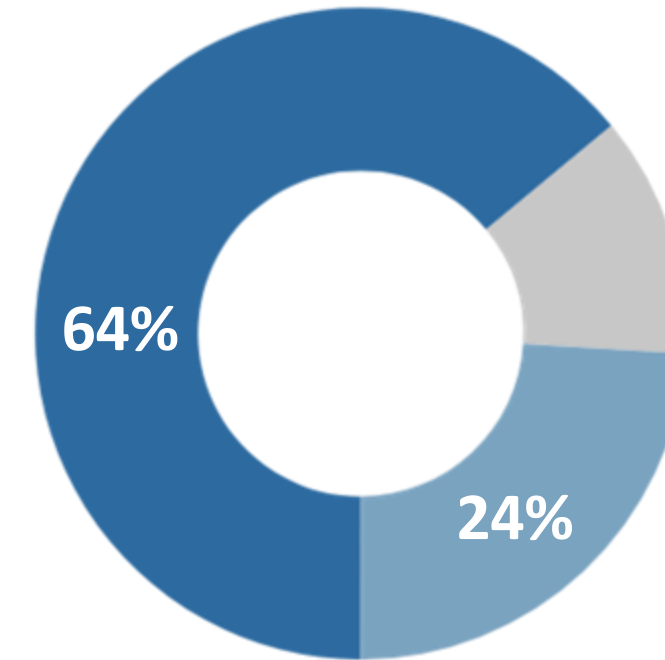


- Enrolled in ENGL 1A/AMLA 1A during 2023-24 and Summer/Fall 2024 (47)
- Enrolled in other Credit Courses during 2023-24 and Summer/Fall 2024 (71)

AIME Math

123 Students

Math Enrollment After AIME

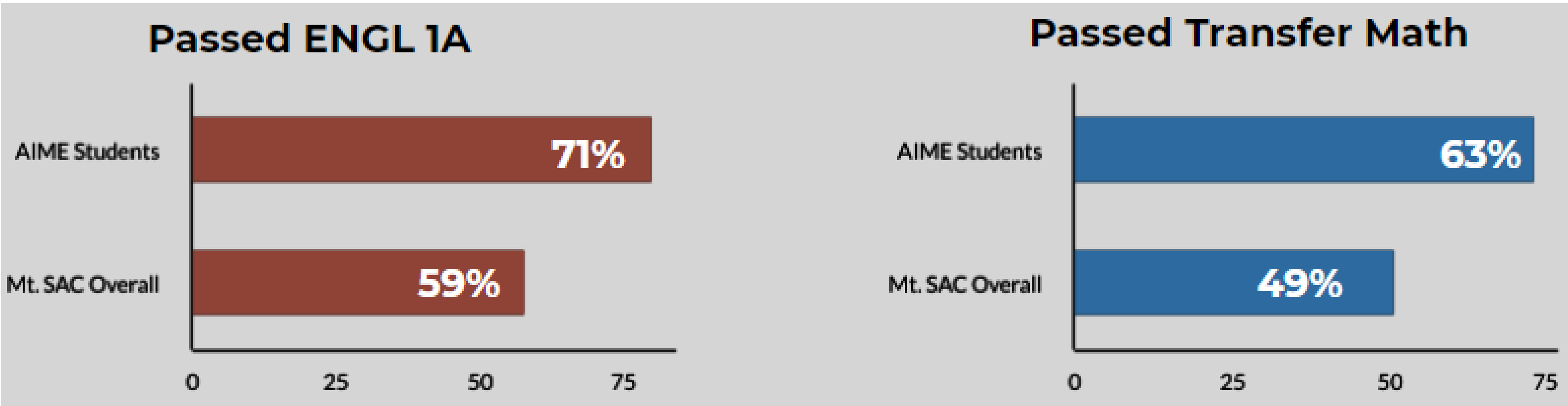


- Enrolled in Transfer-Level Math during 2023-24 and Summer/Fall 2024 (79)
- Enrolled in other Credit Courses during 2023-24 and Summer/Fall 2024 (29)

Other Credit Enrollment After AIME, if did not take Transfer-Level English/Math

AMLA (Credit ESL)	29 Students
Counseling/College Success Courses	39 Students
CTE Courses	44 Students
General Education Courses	109 Students

CREDIT COURSE SUCCESS AFTER AIME



NUMBERS ARE ONLY A PIECE OF THE STORY



AIME



- "I would recommend this course"
- "This course was very helpful"
- "Gave me a chance to practice my writing"
- "Helped me improve because English is my second language"
- "Good refresher"
- "Helped me prepare for English 1A"
- "Very good program"
- "Helped me prepare for higher level math"
- "Helped build my confidence in math"
- "It's been 25 years since I have done this kind of math and this course helped me"

RISING SCHOLARS PARTNERSHIP

The Rising Scholars (RS) Program at Mt. San Antonio College seeks to assist students directly impacted by the criminal justice system through education.

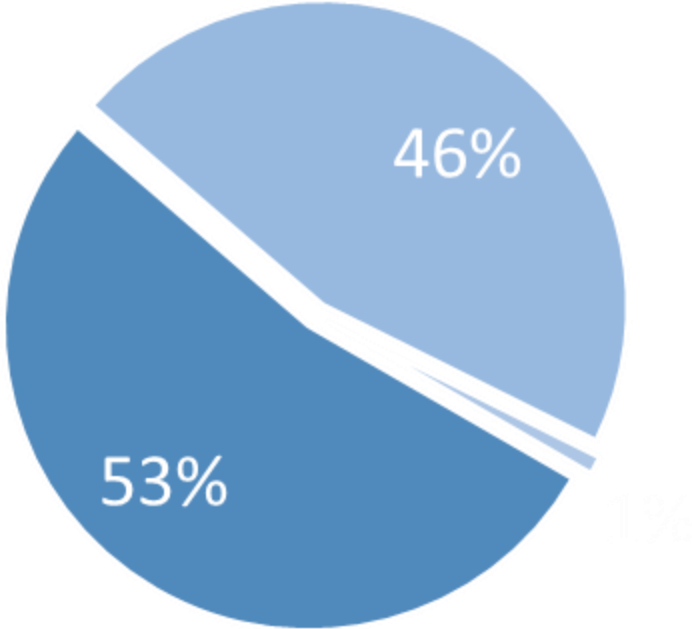
- One pathway for students is High School Diploma / HSE completion.
- Warm handoff between RS staff and ABE counselor to assist with enrollment.
- ABE counselor attends RS staff meetings.
- Constant communication regarding student progress with RS staff and ABE counselor.



Partnership with Rising Scholars

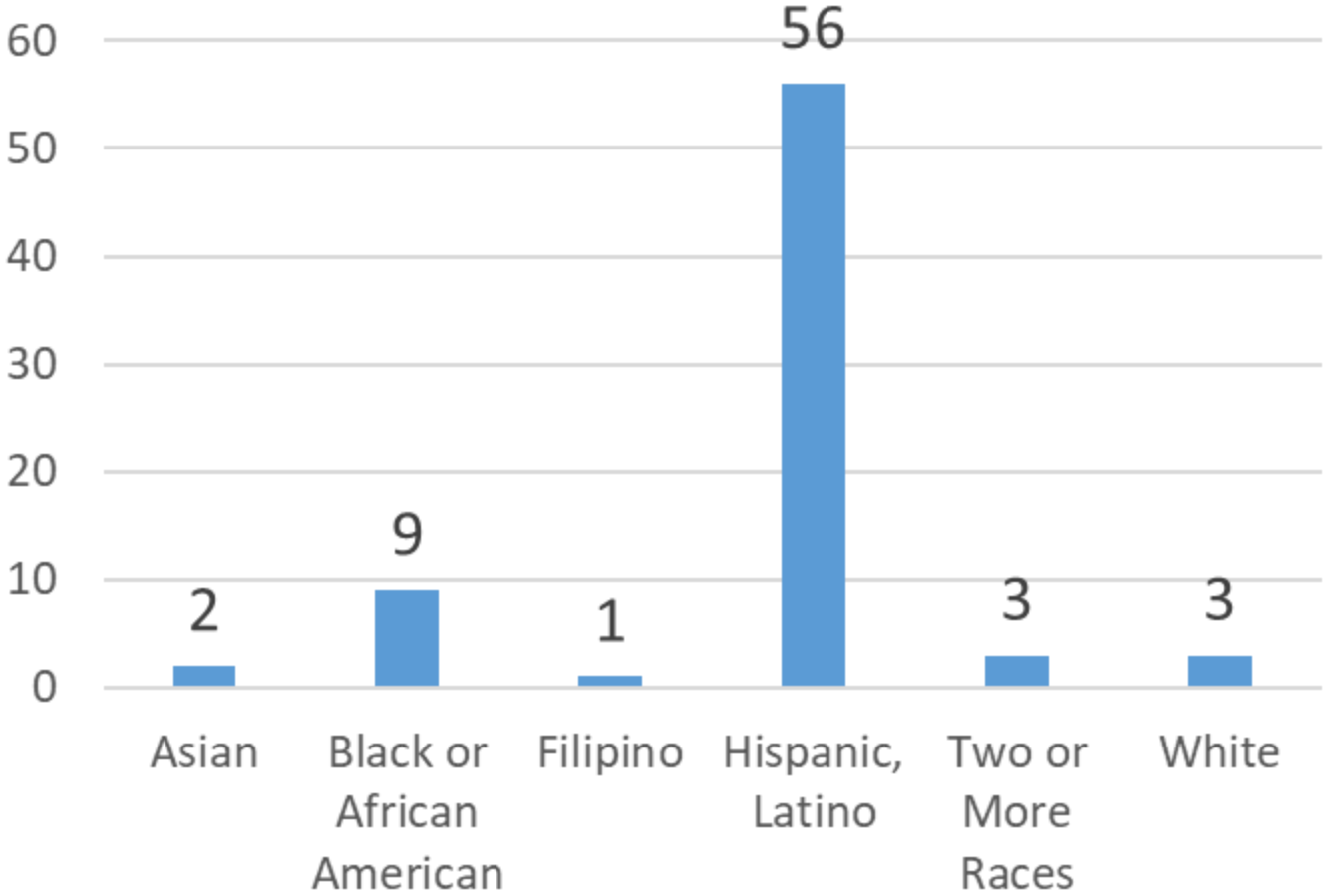
Total students enrolled in High School/GED: 74
Total graduates: 7

Gender

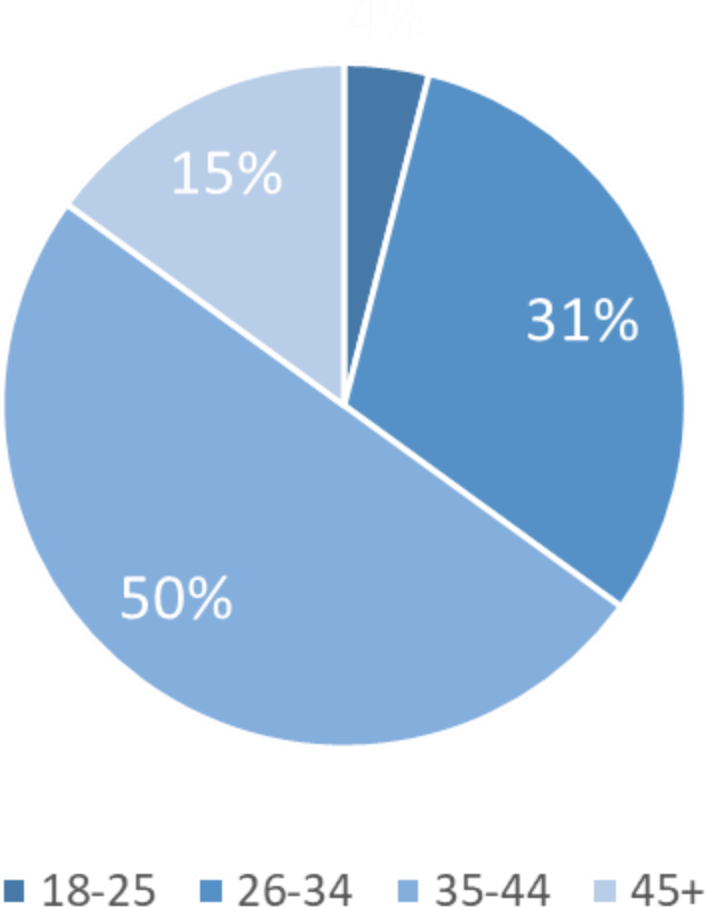


■ Male ■ Female ■ Nonbinary

Ethnicity

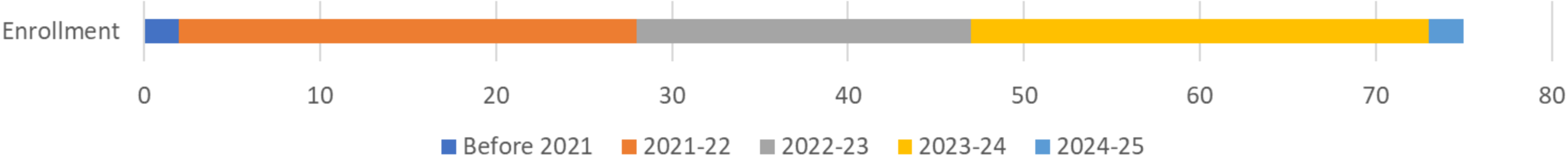


Age

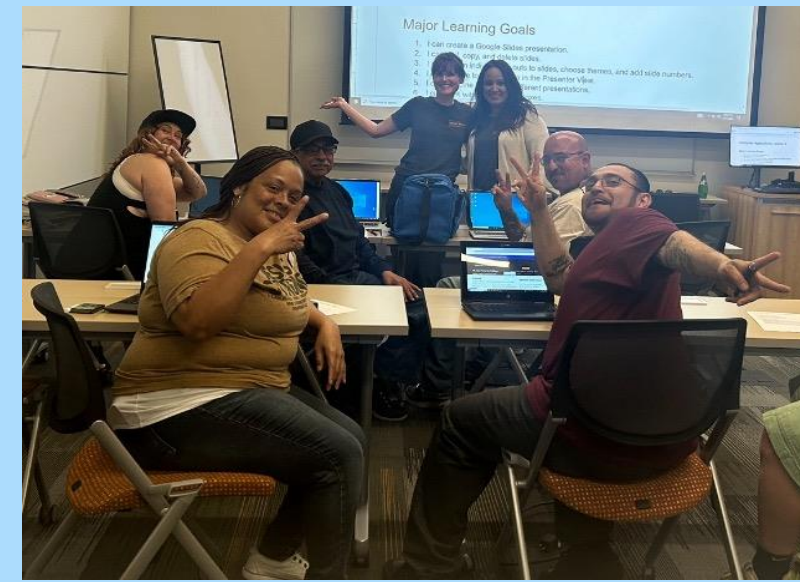
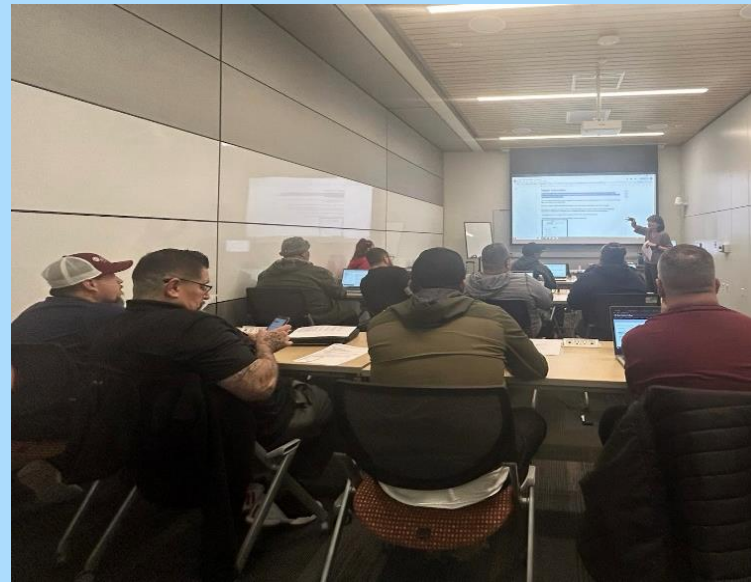


■ 18-25 ■ 26-34 ■ 35-44 ■ 45+

Enrollment by Start Date



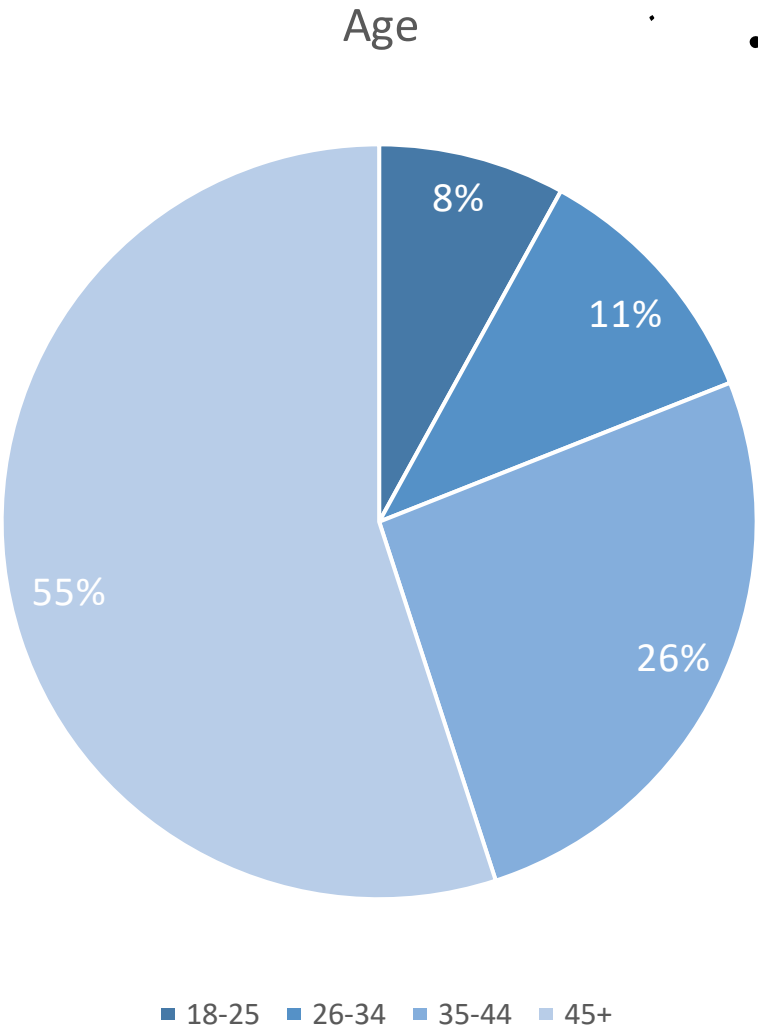
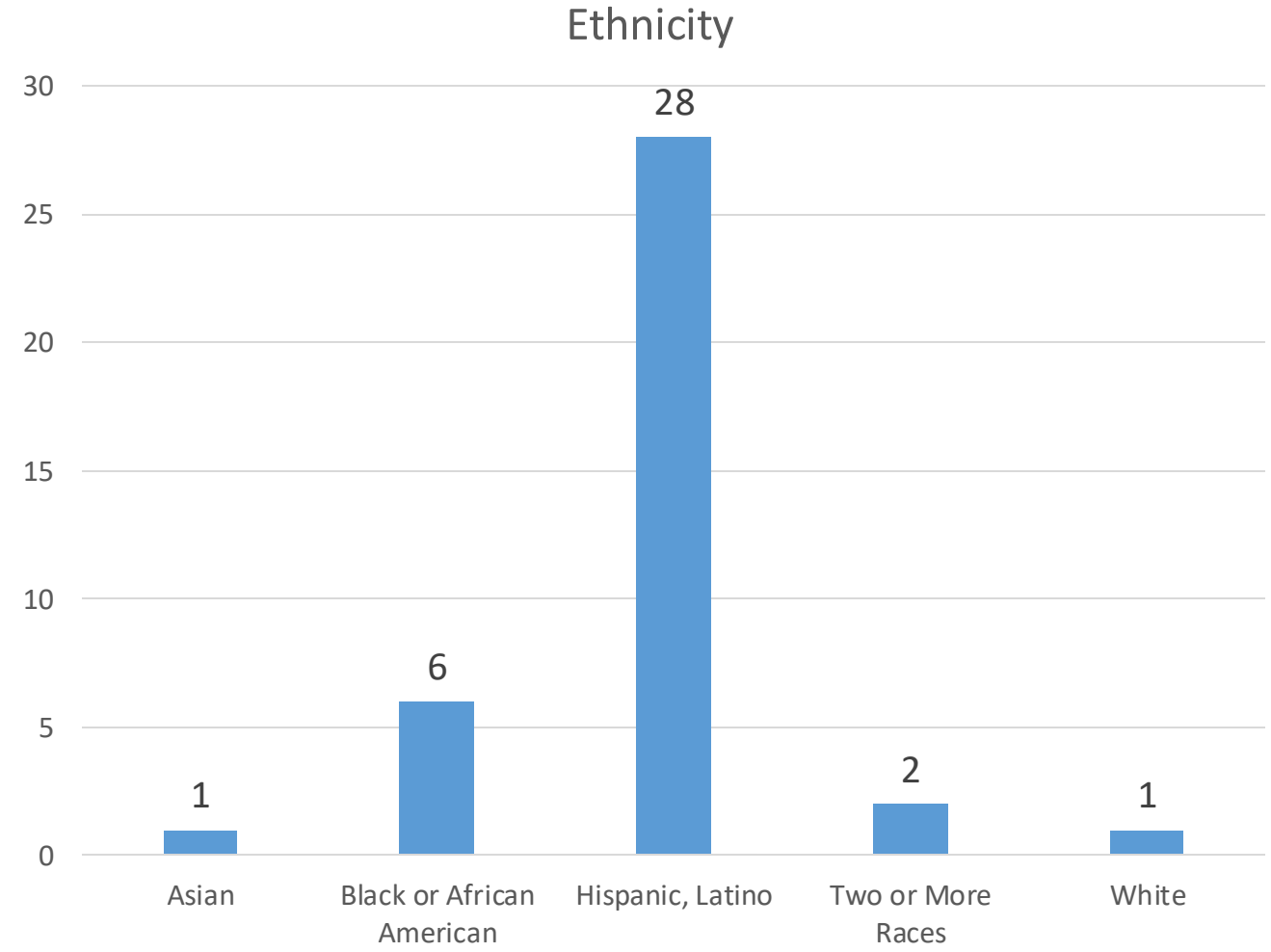
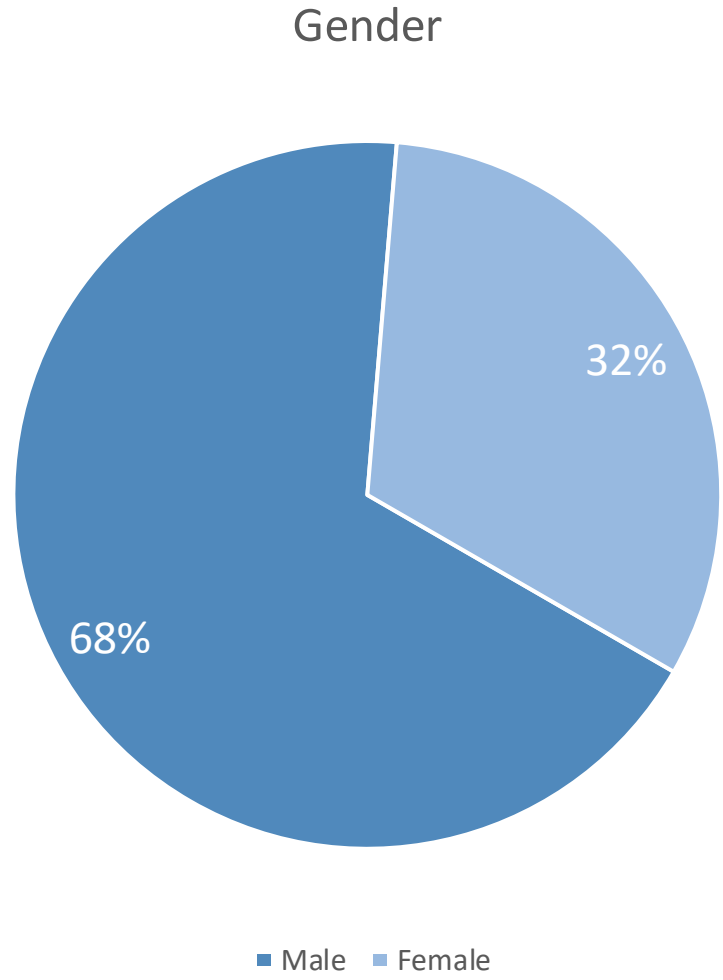
RISING SCHOLARS PARTNERSHIP



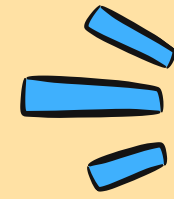
- Lack of essential computer skills was identified as a need for RS students.
- In Winter 2024, ABE offered a computer literacy course contextualized for RS students.
 - Convenient location – held in a classroom next to RS office
 - Streamlined enrollment – managed by RS staff
 - Relevant curriculum – focused on practical skills needed for academics and future careers

PARTNERSHIP WITH RISING SCHOLARS

- Computer class offered in Winter 2024, Spring 2024, and Summer 2024
- Total students enrolled since start of partnership for computer classes: 38

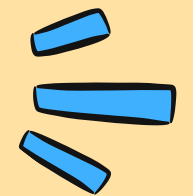
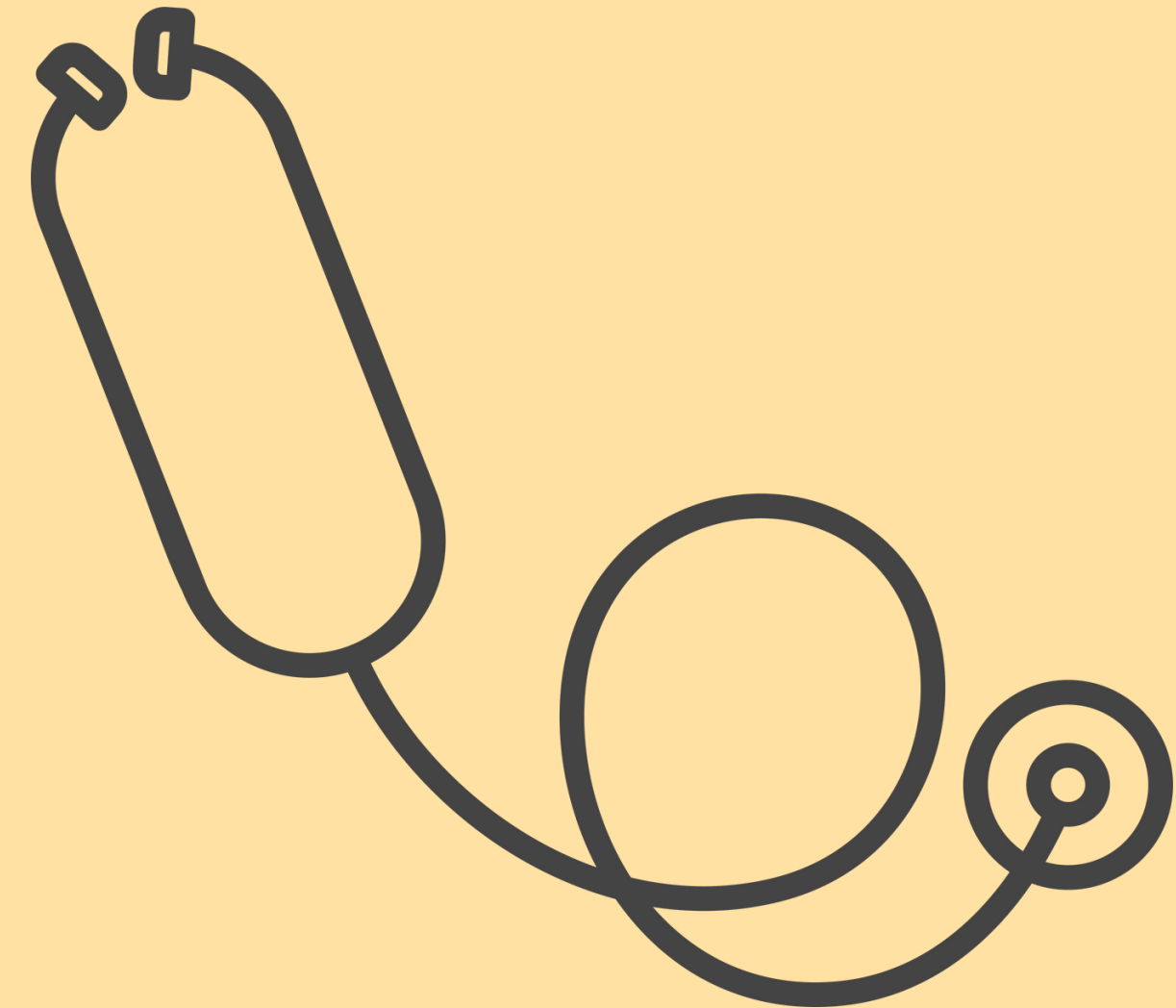


Overall success in credit courses after taking ABE computer course is 82%



- The ATI TEAS (Test of Essential Academic Skills): assesses student preparedness for those entering health science fields.
- Includes Reading, Mathematics, Science, and English.
- Required for entrance to nursing and noncredit vocational nursing program at Mt. SAC.
- Passing score for Nursing: 70% or higher.
- A higher score = more points.
- Offered in summer and winter intersessions & as needed throughout the year.
- Potential nursing students who do not pass TEAS are required to take TEAS/HESI prep before reapplication.

TEAS/HESI PREP



TEAS PREP

Enrollment in TEAS Prep

2022-2023	40
2023-2024	50
2024-2025 (year to date)	143

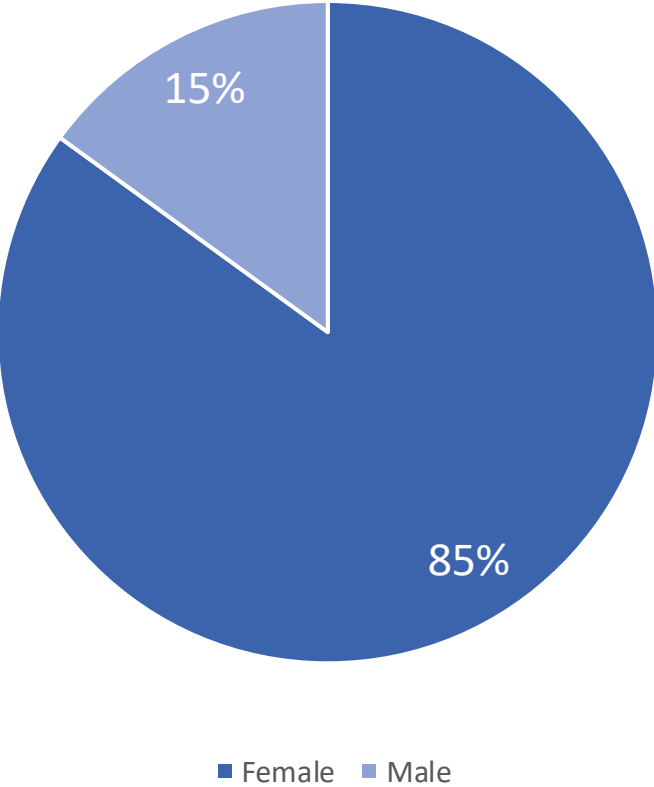
Course Taking Patterns After TEAS Prep

Enrolled Credit Courses	21
Enrolled in Noncredit Courses	38
Enrolled in Both	22

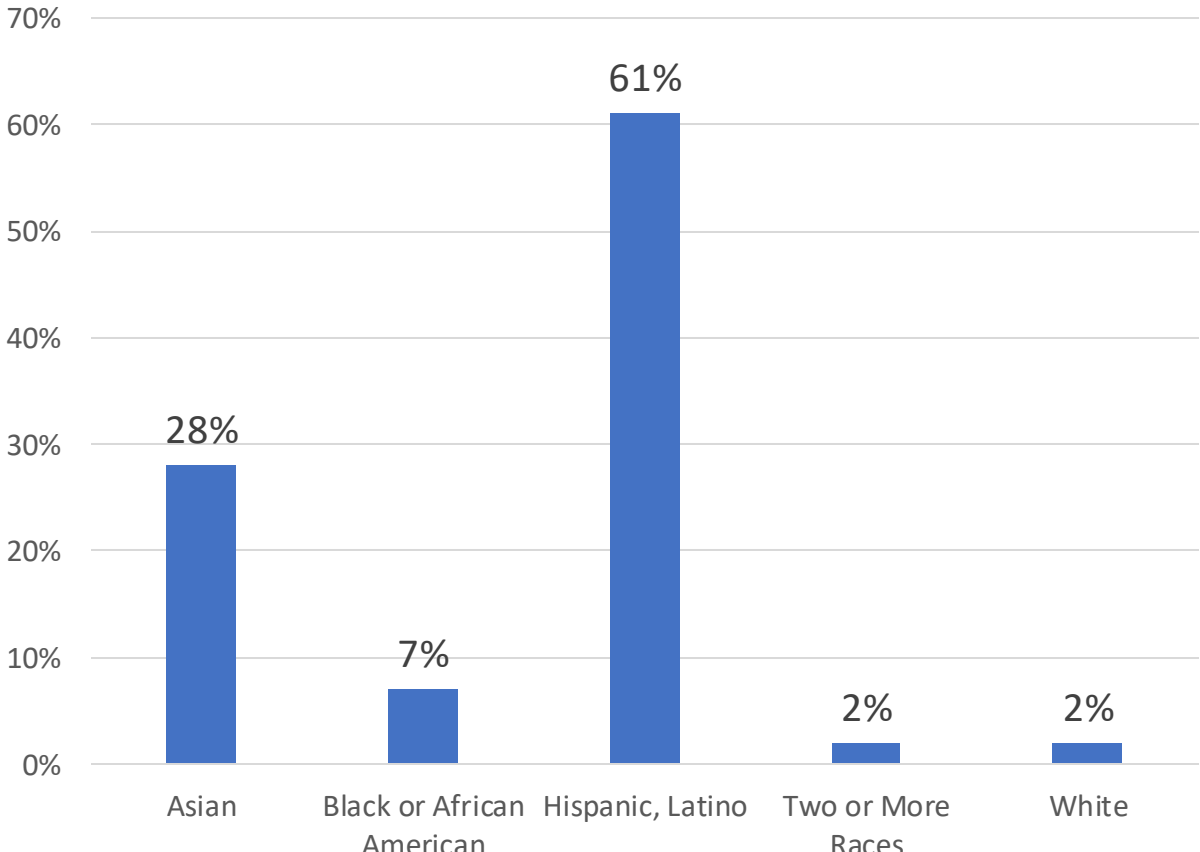
Health Courses After TEAS Prep

Anatomy	4
Biology	1
Chemistry	3
Nursing	14
Pharmacy Technician	4
C.N.A.	2
Non-health Noncredit	32

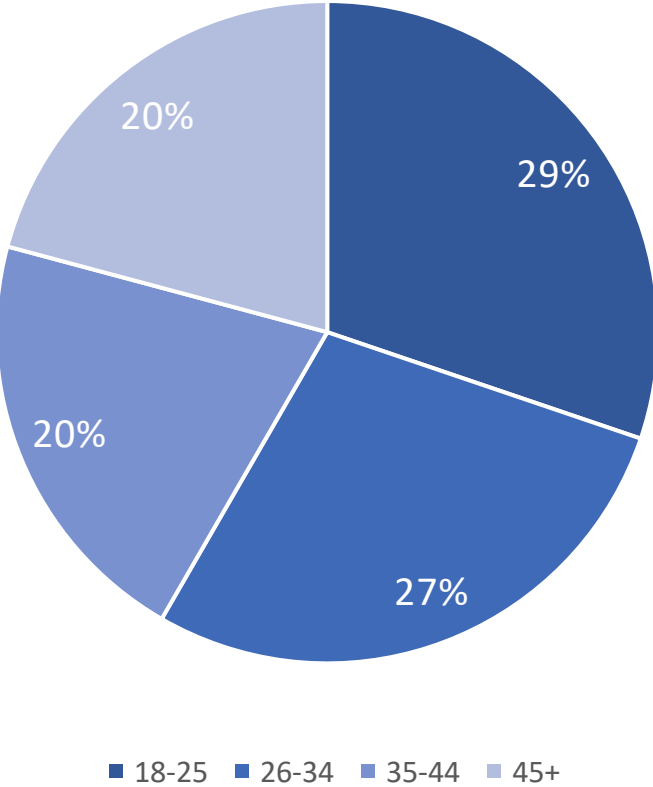
Gender



Ethnicity



Age



HEALTHCARE MATH

- Contextualized math course (HCM) that supports credit health careers programs
- Covers dosage calculations, measurements, decimals, percent, proportions, and fractions
- 4-week soft pre-requisite
- Offered during intercessions for AS RN program
- Also used as a co-requisite for Psych Tech students



Nursing Program, AS Degree with prerequisites (Credit)

Fall Semester (Year 3)

MICR 1 or MICR 22: Principles-Microbiology/ Microbiology
AA/S ELECT: Degree Appl Course

Winter Term

BS HCM: Transitional Math for Health Care

Spring Semester (Year 3)

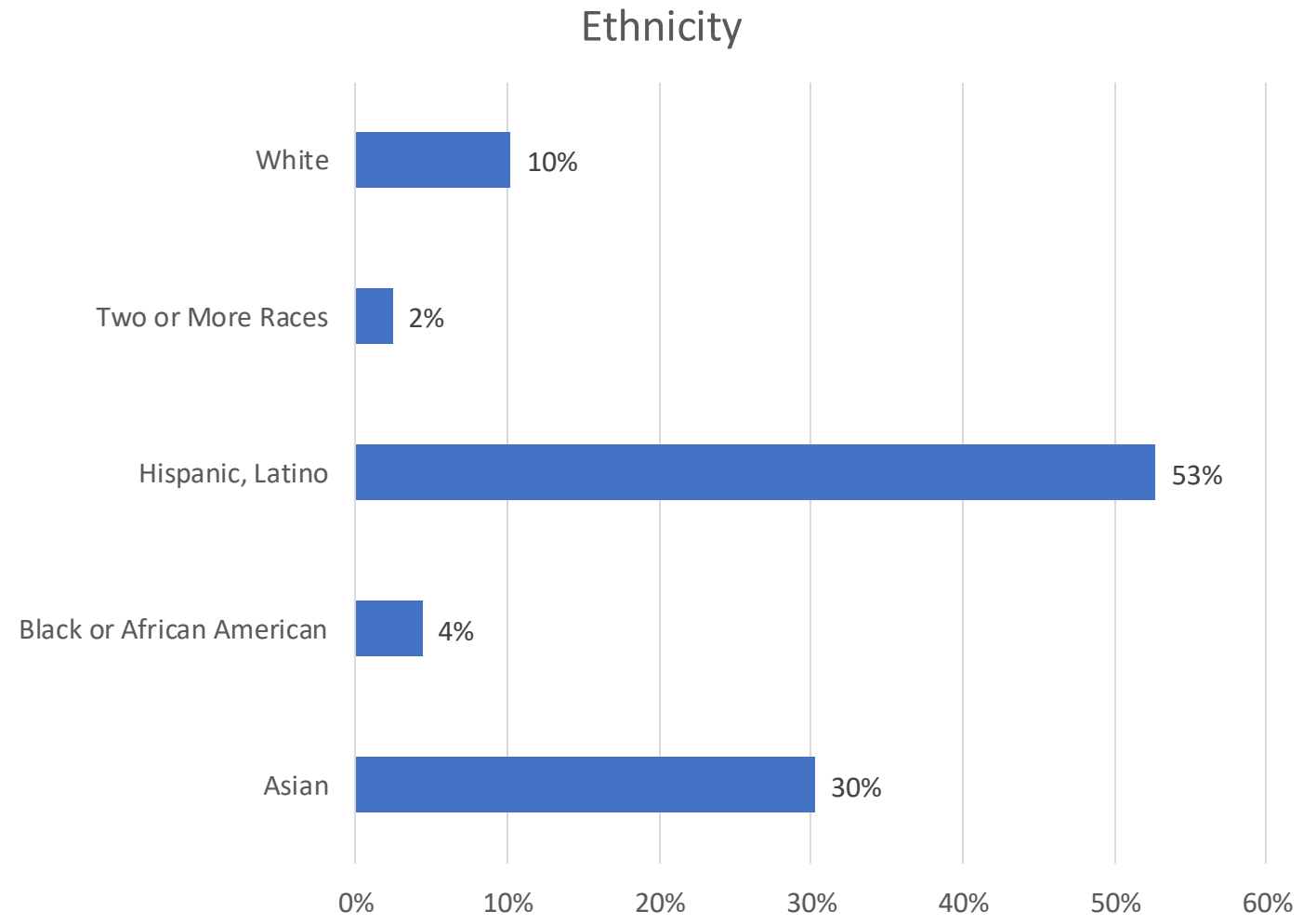
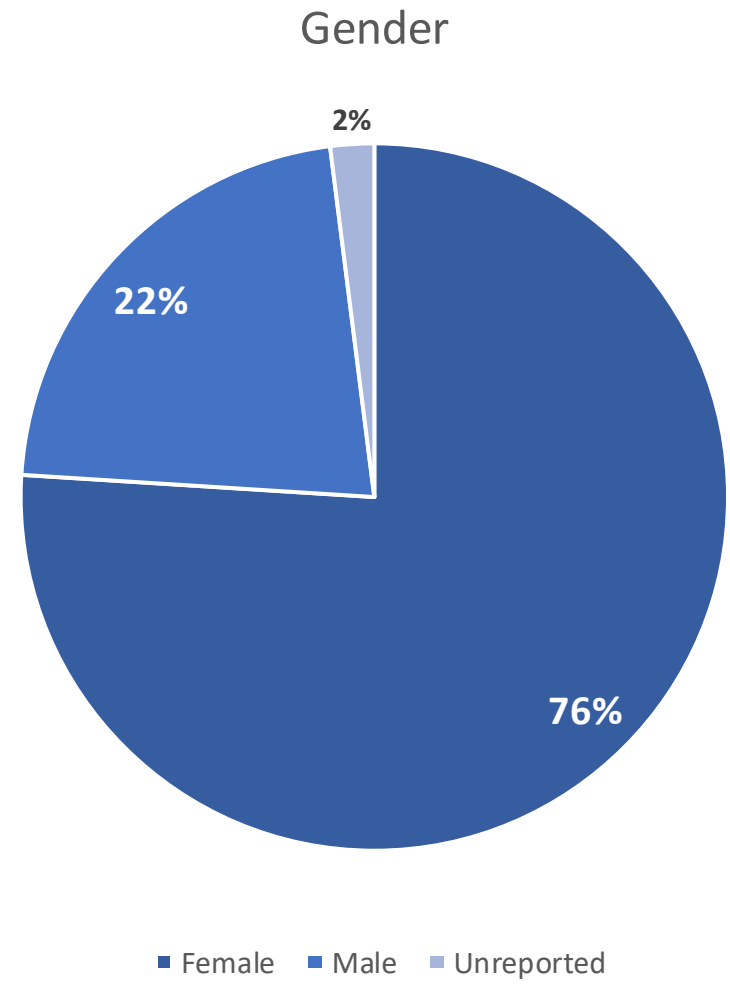
NURS 1B: Nursing Process II
NURS 2: Pharmacology
NURS 1A: Nursing Process I



HEALTHCARE MATH (HCM1)



Academic Year	Number of Students Enrolled in HCM1 and then Enrolled in Pharmacology	Passed Pharmacology	
		N	%
2021-2022	66	65	98%
2022-2023	57	54	95%
2023-2024	41	38	93%
TOTAL	164	157	96%



WHAT IS THE LLC?

Provides tutoring services and access to computers, software, and technology support for English language learners (ELL) in both noncredit and credit programs.



SELF-DIRECTED LEARNING ACTIVITIES

Individual tutoring for ELL students looking to improve their reading, writing, speaking, and listening skills on a variety of topics.



LANGUAGE LEARNING CENTER (LLC)

THE TALKS & ESL GRAMMAR GAMES

Groups tutoring sessions for ELL students to improve their speaking and listening skills with immediate feedback from an instructor.

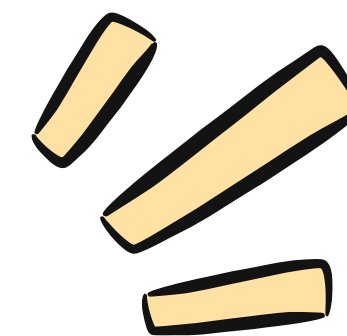


SOFTWARE

ESL, AMLA, World Languages, and other credit students have access to Rosetta Stone, Mango Language, and Native Accent software.



LLC ENROLLMENT BY SUBJECT 2023-2024



Noncredit

Subject/Type	Number of Students
ESL On-Campus	570
ESL Online	238
VESL Open Lab	197
Total	1005

Credit

Subject/Type	Number of Students
AMLA On-Campus	5
AMLA Online	1
Chinese On-Campus	1
Chinese Online	4
French On-Campus	5
French Online	2
Italian On-Campus	18
Italian Online	16
Japanese On-Campus	36
Japanese Online	48
Korean On-Campus	2
Korean Online	21
Sign Language On-Campus	6
Sign Language Online	32
Spanish On-Campus	1
Spanish Online	5
Total	203





ANATOMY AND PHYSIOLOGY SUPPORT



VOC ANA50 (Basic Anatomy and Physiology) focused on basics of A&P with hands-on practice

**SOFT
COREQUISITE** for credit Anatomy and Physiology

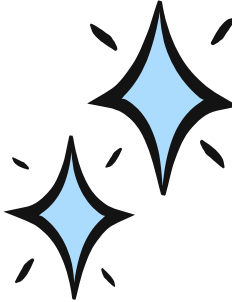
STUDENTS enrolled in credit courses, including CTE programs

**CREDIT
PROFESSOR** Initiated by a full-time, credit biology professor who teaches anatomy in response to pass rates in introductory anatomy course

**COURSE
OFFERED** Has been offered in spring semesters for three years

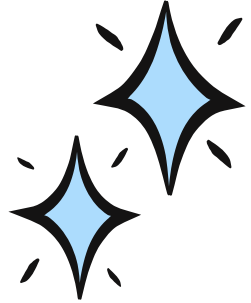
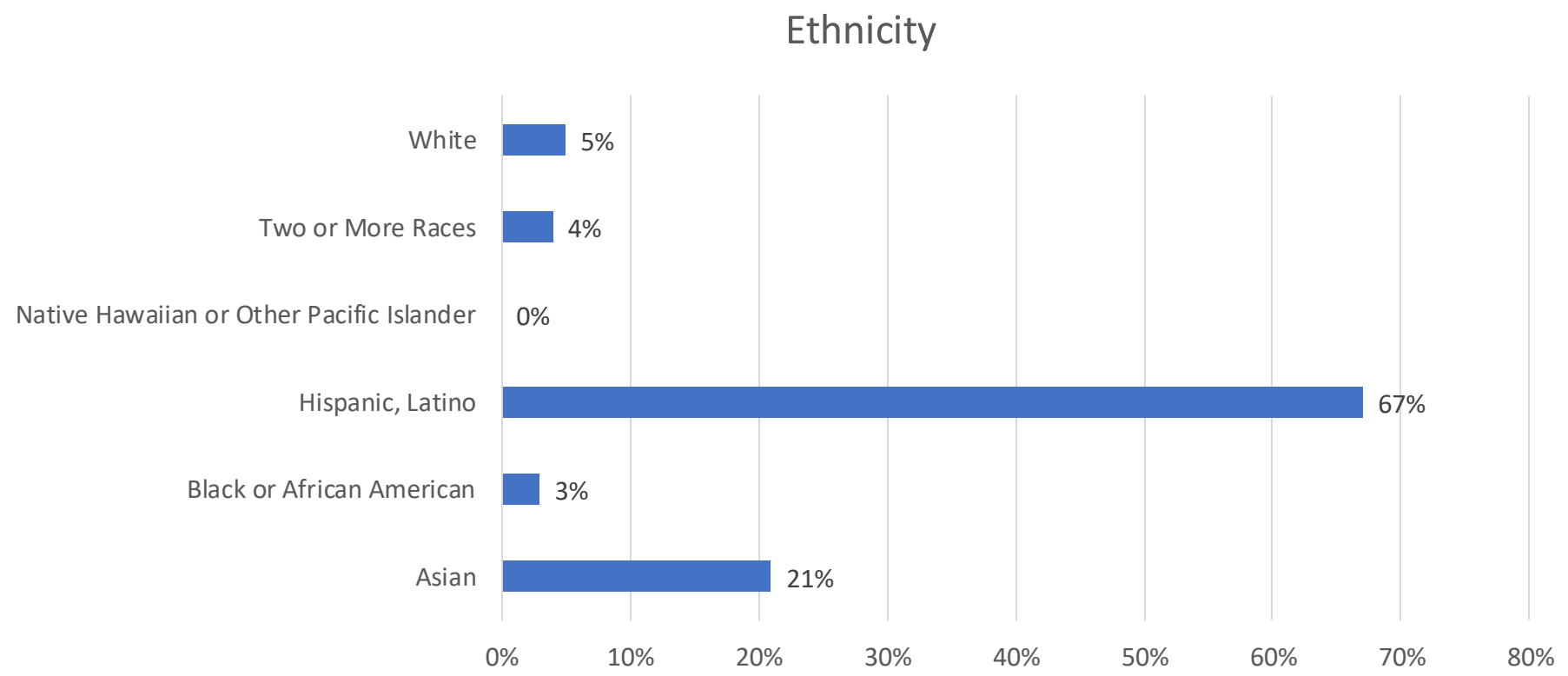
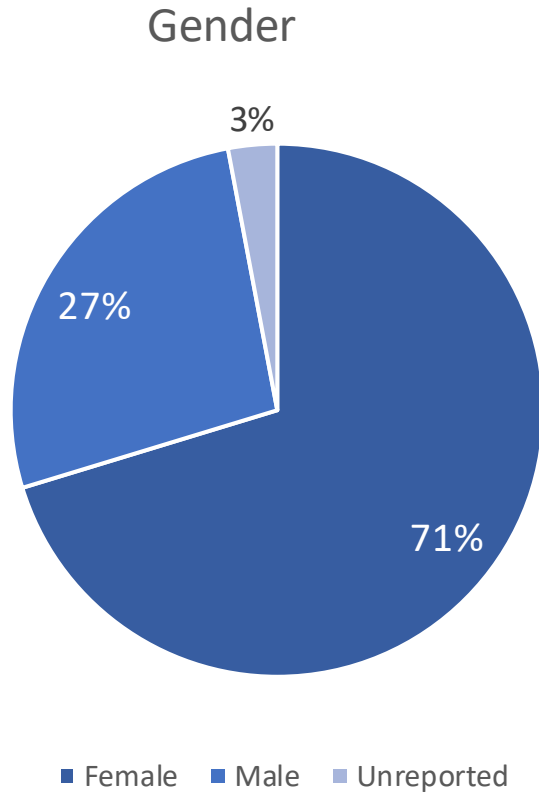
**COURSE
SCHEDULE** Saturday and evening sections

ANA50 – BASIC ANATOMY AND PHYSIOLOGY



Students enroll in noncredit ANA50 (Basic Anatomy and Physiology) in spring terms as a support course while also taking credit ANAT 10A (Introductory Human Anatomy)

	Enrolled in NC ANA50	Enrolled in ANAT 10A	Passed ANAT 10A	% Passed NC ANAT 10A	Number of students in ANAT 10A that didn't take NC ANA50	Passed ANAT 10A	Pass rate in ANAT 10A for those who didn't take NC ANA50
Spring 2022	74	73	65	89%	259	157	61%
Spring 2023	67	65	59	91%	295	152	52%
Spring 2024	81	80	70	88%	321	179	56%
Total	222	218	194	89%	875	488	56%



NONCREDIT ANA50

GOOD RESOURCE FOR CREDIT STUDENTS TAKING INTRO ANATOMY

ACADEMIC SUPPORT

Low success rates in intro credit anatomy without adequate academic support



LAB SUPPORT

Coordinated labs are designed to simplify and enhance student success



IMPROVED STUDY SKILLS

Students are generally highly motivated but often lack effective study strategies and skills for this level of science

IMPROVED SCIENCE BACKGROUND KNOWLEDGE

Many students have little to no background in science before taking course



MULTIPLE SECTIONS

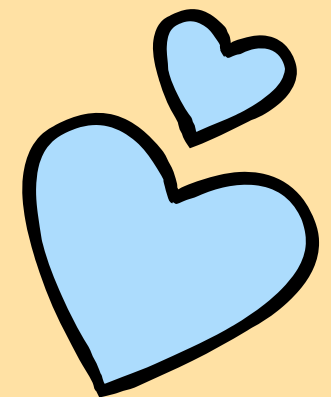
Offering an anatomy support class is feasible, given the multiple sections of credit anatomy and physiology



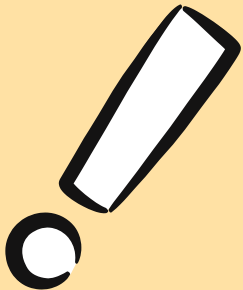
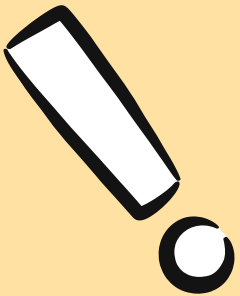
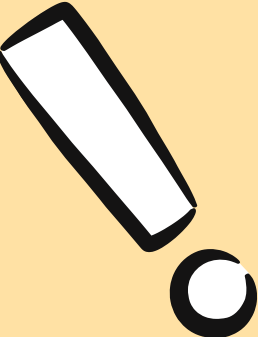
NCLEX PREP COURSE



- Provides vocational nursing students with the necessary skills to master core content, develop into practice-ready nurses, and pass the National Council Licensure Examination for Practical Nurses (NCLEX-PN) exam and Next Generation NCLEX.
- Integrated into LVN program pathway
- Effective Fall 2025



QUESTIONS



THANK YOU!



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