

A stack of rolled-up documents in various shades of black, white, and grey, resting on a wooden desk. A silver pen lies on a white sheet of paper in the foreground. The background is a blurred image of a person in a white lab coat.

Program Review Forum

Summary of Programs

Reviewed in 2022-2023

NAPA VALLEY COLLEGE

NOVEMBER 3, 2023

Robyn Wornall, Ph.D.

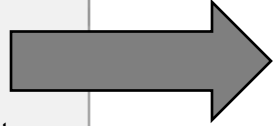
Senior Dean

Research, Planning and Institutional Effectiveness

Overview of Program Review Process

Review:

- Program Data
- Curriculum
- Outcomes Assessment Results



Collaborate:

- Evaluation of State of the Program
- Development of Three-Year Program Plan
- Consideration of Program Plan within the Context of Existing Resources

General Structure of Program Review Process, Changes Introduced 2018-2019:

- Focused Exercise: Program Data, Curriculum, and Outcomes Assessment Findings
- Data/Evidence Heavy – Narrative Light
- Opportunity for Discussion and Collaboration
- Yields and Evaluation of the State of the Program (Viability – Stability – Growth)
- Deliverable: Three-Year Program Plan
- Limited Number of Deadlines (Review by Program Faculty and Staff – Review by Dean/Supervising Administrator – Review by Vice President – Letter from Vice President)
- Series of Workshops Offered by Program Review Support Team

Table of Contents

Program Review summaries include:

- A description of effective practices identified in the report
- Key findings from the report (including anything unexpected/surprising)
- A summary of the program plan that emerged from the process



Group 1 Theme: Scheduling Practices

Chemistry
Earth Sciences
Kinesiology
Photography

Group 2 Theme: Connections/Partnership (internal or external)

Non-Credit Programming
Accounting
Transfer Center
Associate Degree Nursing
Vocational Nursing
Music

Group 3 Theme: Student Support

Humanities
Digital Art and Design
Health Occupations
Emergency Medical Services
Biology
Political Science

Group 4: Outreach (focusing on local high schools)

Engineering
Business Administration
Entrepreneurship

Group 1 Theme: Scheduling Practices



- **Chemistry**
- **Earth Sciences**
- **Kinesiology**
- **Photography**

Chemistry Program Review

An Experiment in Online Instruction:

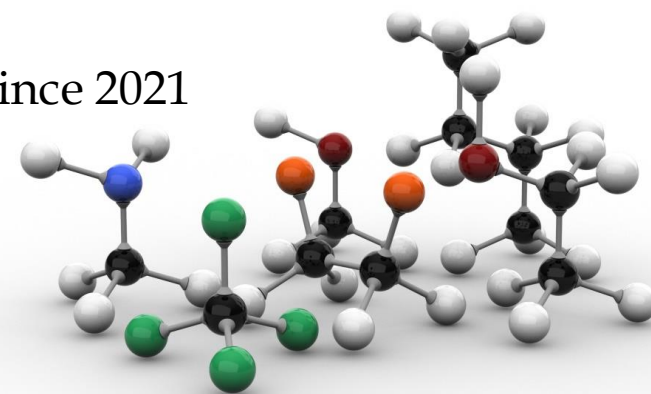
- Developed all-online instruction for every 100 level course.
- Increased course offerings throughout the pandemic.
- Decreased success rates as students progress (or don't progress) through the program.

Scheduling Practices:

- Put an indefinite moratorium on online laboratory and exams.
- Increased modalities of instruction for ALL courses.
- Implemented Hyflex courses for Introductory and General Chemistry.

Three Year Plan:

- Fill the Organic Chemistry FT faculty position vacant since 2021
- Fix our aging Fume Hoods
- Create larger, modern labs.



Department of Earth Sciences

Review of **three** programs in the department

Earth
Science

Geography

Environmental
Science

Effective Scheduling Practices

- Fill rate in the department is relatively high at 93.1%.
- Courses are scheduled at appropriate days and times that maximize enrollment.
- Course sections are scheduled online, or hybrid with in-person meetings during the day.
- Faculty actively engage students in labs and lectures and are available outside of scheduled class time for academic support.

Key Findings

- Growth in the Earth Science and Geography courses by **9.3%** and **16.7%**, respectively.
- An area of concern is the decrease in enrollment in the Environmental Science course.
- U.S. Bureau of Labor Statistics (BLS) indicate an overall 4.9% increase in geoscience jobs between 2019 and 2029, from 460,242 jobs in 2019 to 482,726 jobs in 2029.

Program Plan

Earth Scientists play a significant role in addressing climate change, energy use/efficiency, and hazard mitigation. Given California state mandates addressing climate change, it is our goal to further develop program opportunities to prepare students for advanced education and careers in the Earth Sciences.

KINESIOLOGY & HEALTH

KEY FINDINGS

- Student evaluations demonstrated that we have an extremely talented, focused, and energetic faculty team.
- The department has worked hard to develop alternative to repeatability restrictions, understanding that learning and applying new skills requires more than one semester of instruction.
- Our retention rate was significantly higher than the rate of the institutional average.
- Online lecture class enrollments have increased reflecting the demands of the working student and the pivot to online instruction during the pandemic.

EFFECTIVE PRACTICES

- The faculty have worked diligently in revising courses to update student learning outcomes.
- Over 40 classes have been rewritten with updating SLOs, objectives, and course materials.
- All faculty have been active participants in SLO evaluation and curriculum revision and development.
- Offering a variety of modalities for course offerings.

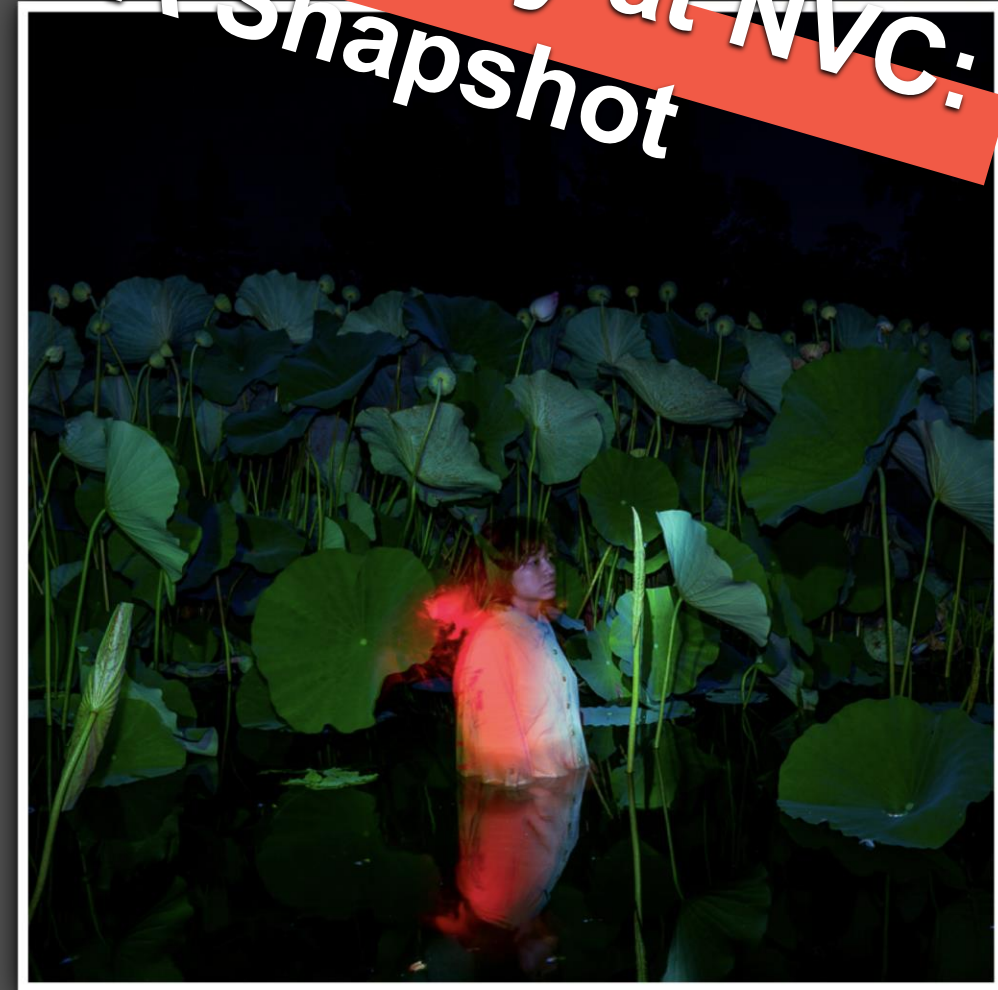
3-YEAR PLAN

- The Kinesiology department needs to continue to improve its completion rates.
- The department is examining the possibility of developing local certificates to improve the rate of degree completion.
- The ability and capability to attract new and continuing students in activity-based classes.
- The decline of the facilities and equipment is a concern that impacts safety as well as all areas of course delivery and retention. We will continue to work with the District to improve and update these areas of concern.

Photography at NVC: A Snapshot

Despite lack of full-time faculty, Photo at NVC continues to offer high quality instruction to students pursuing a career or exploring the medium's creative possibilities

- Program's strength historically has been through scheduling: create cohorts from intro classes, shepherd through to advanced/capstone courses
- Nimble and effective use of online courses during the pandemic, but cohort model weakened
- Moving forward: Work to rebuild cohorts by scheduling multiple sections of in-person PHOT 120 to create momentum through the program's curriculum.
- Moving forward: Streamline curriculum through focus on an AA in PHOTO to ensure a viable path for students.



PHOT 120 Student Work



Group 2 Theme: **Connections/Partnership**



(internal or external)

- Non-Credit Programming
- Accounting
- Transfer Center
- Associate Degree Nursing
- Vocational Nursing
- Music

Non-Credit Program

■ Effective Practices

- *Community Engagement*
- *Faculty Involvement*
- *Location Expansion*

■ Planning

- *Data Collection*

■ Key Findings

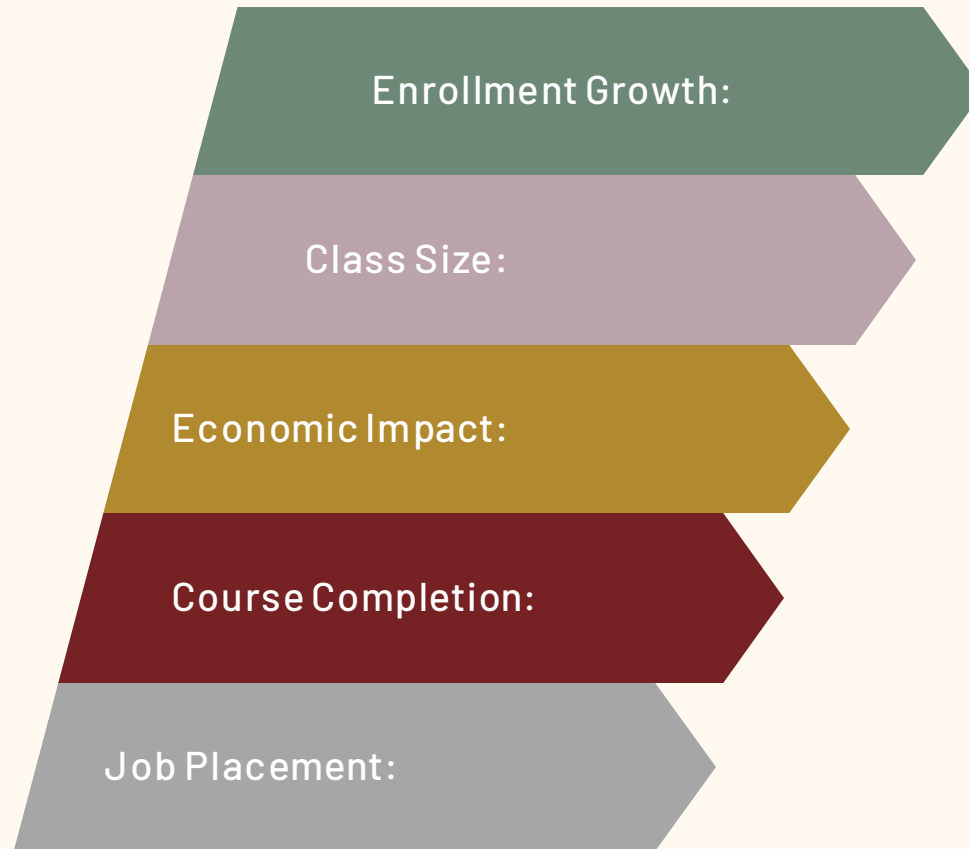
- *Average class size increased by 27.9%*
- *Update YNVS & YEPL courses*
- *Adult Education Counselor*

ACCOUNTING

Notably, the program has been in significant growth mode, with a 200% increase in the number of AS degrees and certificates of achievement conferred between 2018-2019 and 2020-2021.

This reflects the program's capacity to meet student and industry demands effectively.

KEY FINDINGS:





Effective Practice: Connections/Partnership



Practices

- Strong collaboration with student support programs and the Counseling Division.
- Facilitate College and University Representative advising appointments/workshops
- Coordinate on-campus tours to local 4-year institutions.
- Proactive communication for NVC students and staff via email (general notifications and newsletters), social media, sandwich boards, flyers, Canvas global announcements, NVC newsletter (Friday Extra), and website.
- Transfer Center Advisory Board offers great support in the planning and implementation of services.

Key findings

Serves as the hub for transfer services and resources: transfer guidance, including major and university research and transfer application assistance through workshops/open labs and individual student appointments, and academic transfer guidance in collaboration with the Counseling division.

Recurrent need:

Improve accessibility of transfer services for evening students by increasing staffing

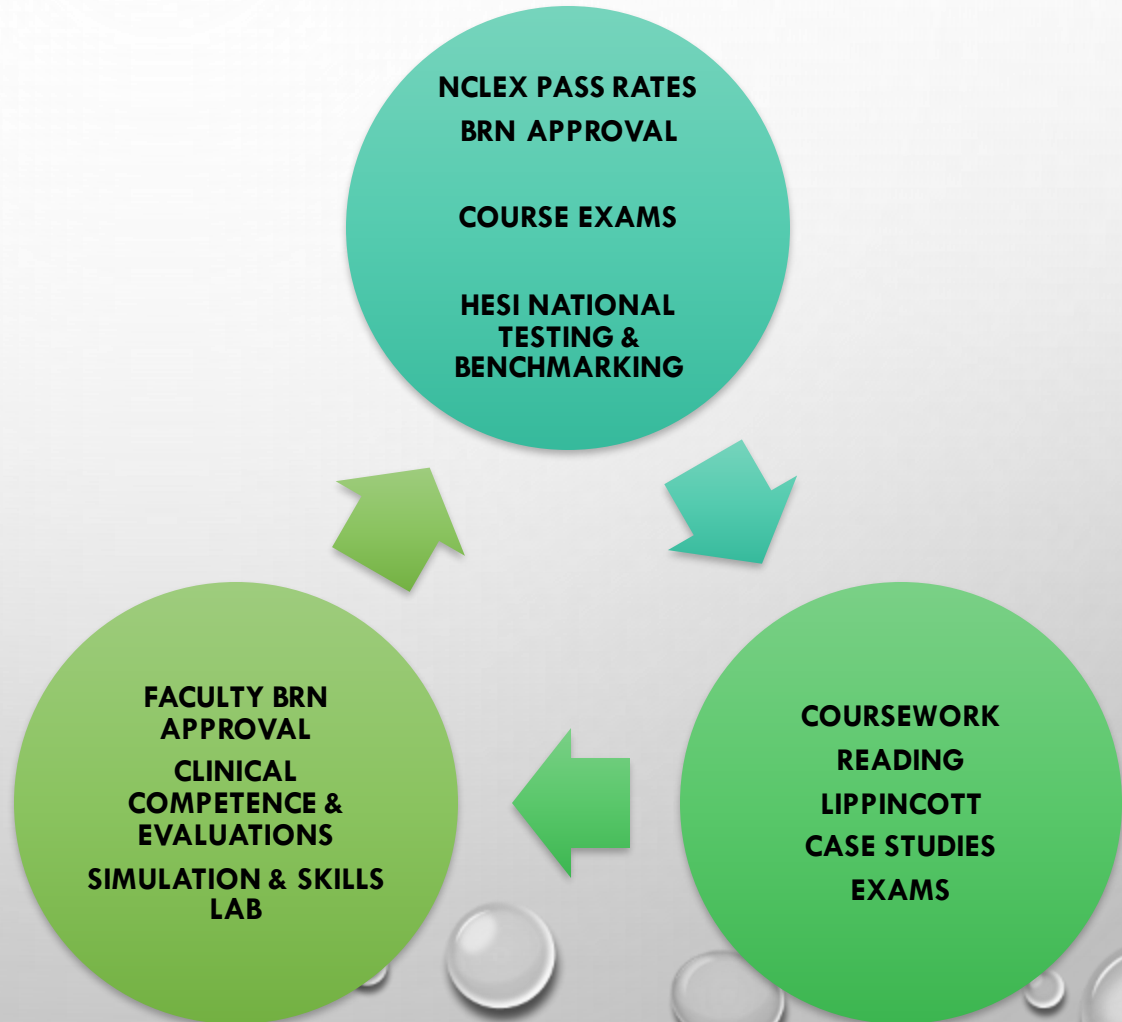
Three-year program plan

- Continue training and sharing transfer-related information with the Counseling division, high school counselors, and support programs
- Work closely with the DEI Committee to target students identified on the DEI plan with transfer goals.
- Continue working closely with on and off-campus partners for outreach opportunities.
- Partner with Guided Pathways, Strategic Enrollment Management Committee, and Outreach Taskforce to better align Transfer Services to key initiatives on campus.

RN PROGRAM EVALUATION

**By Karen Canepa, RN, MSN,
CCRN, CWCN, PHN**

ASSOCIATE DEGREE NURSING (ADN) STUDENT RETENTION & FACULTY DEVELOPMENT CLINICAL PARTNERS & STATE BOARD EXAMS



VOCATIONAL NURSING PROGRAM

IS A 2-YEAR PROGRAM & WE HAVE 15 STUDENTS ENROLLED

GRADUATE IN DECEMBER OF 2024

AFTER THEY TAKE THE EXAM, THEN THEY BECOME LVNS

Rationales for Program review

Declining enrollment

Changing needs of the community

Separate Board requirements BVNPT

Faculty & community resources are a nationwide issue

MUSIC PROGRAM REVIEW: THE VALUE OF COLLABORATION

Key Findings

- Excellent facility
- Increased and improved music faculty
- DAS and Foundation monies specific to music
- Community, NVC, and major partnerships

Summary of Three-Year Plan

- Update Curriculum
 - Music-specific Outcomes Assessment
 - Update courses/Program Map
- Increase Awareness
 - Develop Branding
 - Actively search for collaboration opportunities



Group 3 Theme: Student Support



- Humanities
- Digital Art and Design
- Health Occupations
- Emergency Medical Services
- Biology
- Political Science

Humanities Program Review

The following are the major findings and significant strengths of the HUMA Department:

- Instructors, administrators, and staff with a commitment to equity and inclusivity make student needs and well-being a priority
 - Encouraging and competent instructors with many years of experience teaching the disciplines of Humanities and Ethnic Studies are rooted in the local community and support a variety of learning styles among students (kinesthetic, visual, tactile, and auditory learners)
 - Charismatic and innovative instructors are relied on as experts at the institution due to their research and advanced application of culturally responsive pedagogy and critical theories of social and environmental justice
 - Instructors develop and revise course content to include the experiences and contributions of communities such as African Americans, Mexican/Latina/x/o Americans, Asian Pacific Islander Americans, and Native Americans with the following intersections; socioeconomic status, disability/ableism, religion, immigration status, language, and LGBTQIA and non-binary representation
 - Creation of the AA Degree in Ethnic Studies (2018) and Creation of the Social Justice Studies - Ethnic Studies AA - T Degree (2019)
 - The birth of the new ETHS department (Fall 2022), the transition of five HUMA courses to ETHS courses, and the development of four new ETHS courses and one new HUMA course (2022)
 - Establishment of the Cultural Center (2016)
 - 100% of courses have been assessed
 - Retention rates and successful course completion rates exceed the institution-wide rates for the following groups: African Americans, Mexican/Latina/x/o Americans, and first-generation students
-



DIGITAL ART & DESIGN

Examples of Student Work

Effective Practices Student Support:

- Labor reports show growth in Bay Area jobs and undersupply of students
- Created Advisory Board to support students in the labor market
- Works closely with Counseling to support students
- Advocates equity for students by providing free access to Adobe Creative Cloud, laptop loans, Ipads

Key findings:

- DART is a stable program with steady enrollment despite the pandemic and contracted course offerings

Unexpected findings:

- Number of AA degrees conferred by the Digital Art and Design Program increased by 550% during the pandemic
- The average time to degree among Digital Art and Design AA recipients was lower than the average time to degree among all AA recipients

Three-year program plan:

- In-person retention and success rates higher than online. Plan to bring more classes in-person when possible
- Plan to offer all classes to better prepare students for careers, especially in the field of multimedia which is expected to grow 19% in the next 5 years.
- Continue to upgrade labs
- Re-Introduce Layout/Composition class to round out offerings
- Develop a Certificate for professionals already holding degrees and employed

Health Occupations Program Review – Fall 2022 (non-discipline specific)



Effective Practice(s)

Improved scheduling has resulted in a 17.0 productivity level and a 94.9% fill rate over the three-year reporting period.

CCAP offering(s) for HEOC 100 provides college credit in HS.

Engaged in offering HEOC 171 as a CCAP to better prepare students for medical careers by starting while in HS

Key Findings

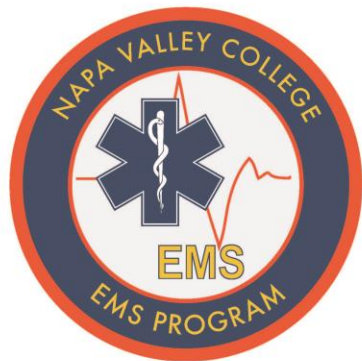
Retention rates for African American/Black students was 93.7% = 6% higher than the institutional rate.

Retention rates for African American/Black, LatinX/Hispanic, First Generation and student aged 19 or less are significantly higher than the institutional rates.

Average section size 34.7 = 10 students higher than institutional average



Student Engagement



EMS Program Goal:

"The Napa Valley College EMS Program is dedicated to creating a collaborative learning environment based on mutual respect and appreciation for the diversity of life and work experiences that each student brings to the learning environment. The program seeks to facilitate learning for each student in order that they can become a competent entry-level EMR/EMT/EMT-P who meets the State of California Title 22 requirements and the U.S. Department of Transportation National Standards."

Best Practices

Program Courses: EMT90, EMT95, EMT 310/311

Fail Forward – Students are allowed the chance and even encouraged to fail at something in the course to learn from it and pick themselves up and move forward. Rather they try and fail in a controlled course environment than to do so in an uncontrolled environment such as a patient's home at 2:37am.

Reading prior to quizzes – Students in the courses are not used to having a quiz over what they have read prior to a lecture. The EMS Program feels that this keeps the students engaged in their own learning and education. Requiring them to read prior to the course by offering a quiz on their knowledge and retention also brings for us the greater engagement in classroom discussion.

Canvas – The ability to move our courses to Canvas has changed the way that not only instructors can interact with students but also the way our students can interact with each other. Just the reduction in overall paper waste produced in the program has made an impact, We will continue to incorporate more aspects of Canvas into our course work.

Strength

We put out a quality product in the students that complete the EMS courses. Diverse Instructional Cadre with student success drive.

Improvement

We need to do a better job at marketing our EMS program.

Stability

The EMS Program should see some minor growth and will remain sustainable and continue to focus on Student Success and the Industry Partners needs.

Who We Are

The EMS Program is a dedicated group of individuals that bring years of Emergency Medical Service experience to the students. With history in Private Ambulance, Fire Based EMS, Law Enforcement, Search and Rescue, Tactical and Military Medicine the faculty's ability address students' questions about career direction. The ability to draw from a Instructional pool with a broad wealth of experience only increases the student learning experience and ultimately student interaction. The Faculty is truly the strength of the EMS Program.



- The department faculty and staff are dedicated to providing excellent instruction and academic support to meet the diverse needs of our students.
 - An example of this is providing Supplemental Instruction, which along with other strategies helped dramatically raise the successful course completion rates in Biol 105 since the last program review.
- The new AS degrees have been a success with over 300 students receiving the degrees.
- Continue to improve the student success rates and retention among all equity groups particularly in the pre-health science courses Biol 105 and 218.
 - Training to Biology faculty in strategies to increase student success with an emphasis on promoting equitable outcomes in student success.

— POLITICAL SCIENCE

Key Findings

- Fill rate and productivity remain very high.
- Faculty redoubled commitment to the mission of Academia: the unfettered pursuit of truth via freedom of inquiry, freedom of conscience, and the exchange of ideas through civil discourse.

Effective Practices

- Adoption low-cost webtext with seamless Canvas integration

The Next Three Years

- Align program with post-pandemic student
- Coordinate with Dual Enrollment manager, early outreach
- Occupational emphasis





Group 4 Theme: Outreach

(focusing on local high schools)

- **Engineering**
- **Business Administration**
- **Entrepreneurship**

2023 Engineering Program Review

Engineering is a small *program*; however, it is an integral part of Napa Valley College. Engineering students take General Education, Math (Trigonometry to Calculus), and Science (Biology, Chemistry, and Physics) classes.

Highlights

- Successful Course Completion Rates for Hispanic/Latinx and First-Generation students:
 - ✓ mid-80% for Engineering vs low-70% for Institution
- Program Retention Rate:
 - ✓ 84.4% for Engineering vs 74% for Institution
- Online class offerings and activities:
 - ✓ Synchronous lectures and lab instructions
 - ✓ Problem solving with engineering applications in the form of simulation labs, research-based homework problems, and reflective/critical thinking written assignments.



Outreach

- Build Connections with School Teachers
- Broaden Outreach to St. Helena and Calistoga
- Motivate Students: Rewards of an Engineering Career
- Outreach is Key to a Successful Engineering Program in years to come.

On-Campus Activities

- Engage with Student Clubs and Programs
- Engineering and Science demonstrations to visiting groups of students.
- Work closely with MESA/STEM and other student support services programs.

BUSINESS ADMIN

The number of AS degrees conferred by the Business Administration Program increased by 42.9% between 2018-2019 and 2020-2021, demonstrating the program's contribution to student success.



KEY FINDINGS:



ENTREPRENEURSHIP

The Entrepreneurship Department is in significant growth mode, marked by increased class sizes, higher completion rates, and job placement success.



KEY FINDINGS:





Initial Reflections

by Planning Committee



Thank you!