GAVILAN COLLEGE

Re-envisioning Academic Affairs
Q&A

Director of Library, Learning Resources, and Distance Education:

➢ **Since there is currently a library and DE department, the director's role shouldn't be director of DE, library, and academic support services.** *Which academic support services are being covered in this heading?*

  o **Tutoring is an example.**

  o *The Director of Library, Learning Resources, and Distance Education* will Provide vision, leadership, and overall management to the Learning Resources unit and the College's online learning initiatives. The Learning Resources unit comprises academic and support services, including library, testing, academic tutoring, instructional design, and technology. The primary goal of Learning Resources is to promote increased student success by applying technology, training, and services that strengthen teaching and learning throughout the college (to be revised)

Professional Development Coordinator:

➢ *I wouldn't want the PD coordinator also to take on SLOs in addition to mentoring. That is too much and would detract from the PL and mentoring focus.*

  o No intention to include SLO as part of the Professional Development Coordinator.

➢ **How will such a position count in our FON?**

  o If this is a faculty position, it will be non-instructional and will not impact the FON.

What Counts?
Title 5, Sections 53308, 53309, 59204

Type of Faculty	FON (FT Faculty only)	50% Law (FT and PT Faculty)
Instructional Faculty	Yes	Yes
Non-Instructional Faculty	Yes	No
Non-credit Instructional Faculty	No	Yes
Non-credit Counselors	Yes	No
Tenure Track Grant Funded Faculty	Yes	No
Non-tenure track Grant Funded Faculty	No	No
FTF Overload	No	Yes
Faculty Reassigned Time	Yes	No
Sabbatical/Unpaid Leave	Yes	No
Late Retirements (within 45 days)	Yes	N/A
Funded by Parcel Tax	No	Maybe

The Certified Medical Assistant Program:

- ➢ **There is support for returning Medical Assisting to the credit/no-credit side of the house and out of Community Ed. The program is currently extremely expensive and untenable for most of our students. There are many students who request this program, though.**

  - o **I Agree**. The program currently costs each student at least $3200. This is not equitable and certainly puts a financial burden on students. The program is not supported by financial aid.

  - o The program will be placed in the Allied Health Division.

  - o The program is currently part of the Short-Term Training & Skill building.

Alignment of the New Division with Guided Pathways:

- ➢ **How would these programs be aligned in Caps? What majors share the core classes?**

  - o The new division will include Accounting, Business, Computer Science, Economics, and Real Estate and is aligned with the Business and Information Systems CAP.

  - o Real Estate is not currently listed on any CAPS.

Water Management and Aviation:

- ➢ **CE counselors want water to stay. Agreement that Aviation and WTRM do not belong in STEM. CAPS were created with common course requirements and neither of these programs fit that logic for STEM. They are a better fit under Skilled Trade and Industry.**

  - o There are no common course requirements between the Skilled Trades and Industry CAP programs.

  - **Water Management:**

  - o *The current Water Management faculty* member is an environmental science engineer who agrees with moving to Engineering/Environmental Science. I envision the program as a candidate program for a baccalaureate in Water Management, an essential field of study to address climate change concerns. The faculty provided the following statement to the Senate:

    > *"The Water Resources department being moved to the Science, Technology, Engineering, Math (STEM) with Dean: Jennifer Nari is an accurate placement, especially since the Water Resources Department has not only State Operation Certification and recently created certifications to include Water Environment Certifications. This aligns with concepts of science, engineering and math."*

  - o The program will continue to keep its CTE status. It will continue to receive the same Workforce funding allocation. The current degrees and certificates will not change.

  - o The CTE counselor will continue to support the program.

- o Moving with STEM and Environmental Science, the students will be provided ***with a broader range of opportunities***. The Environmental Science and Engineering students will also benefit from having the program housed in the same division.
- o Please check the following examples:
  - Use your environmental engineering degree in water systems @ UC Riverside.
  - Civil Engineering (Water and Waste Management) (MS) @ USC.
  - Sustainable Water Engineering @UCLA.

Aviation:

- o In a meeting with the Aviation faculty, there were no concerns about the move to Engineering. However, some concerns about funding have come up.
- o The program will continue to maintain its CTE status and receive the same Workforce funding allocation. The current degrees and certificates will not change.
- o The CTE counselor will continue to support the program.
- o Moving with STEM and Engineering, the students will be provided ***with a broader range of opportunities***.
- o Engineering students will be exposed to Aviation as a possible field of study.
- o There is currently an articulation agreement with San Jose State University. It is available on assist.org at: https://assist.org/transfer/report/26502411
  - Currently, 27.5 units of Aviation are articulated with 6 units of San Jose State. AMT 110 (13.5 units) and AMT 120 (14 units) are articulate with AVIA 42 (3 units) and AVIA 43 (3 units). We expect improvement in the articulation agreement with San Jose State University Aviation programs.
  - ***The Chair of Aviation at San Jose State University looks forward to reviewing the articulation with Gavilan College.***
- o Per the latest communication between the aviation faculty and the counselors, students cannot transfer their coursework from other FAA accredited colleges to Gavilan to complete their certificates. The articulation with the San Jose State Aviation Program will facilitate this and allow them to further their education should they wish to, or they can move on to the workforce. This will be conducted in a manner that ensures compliance with the FAA regulations.

Computer Science:

A few questions/comments came up regarding Computer Science. They are summarized below:

- ➢ **Computer Science is a STEM program. It should be moved to STEM.**
  - o Computer Science is more of an interdisciplinary program. Viewing it as such creates more opportunities for students who wish to pursue a career in computer science beyond computer science and computer engineering.

- This interdisciplinary approach creates equitable opportunities for those students.
- [USC - Bachelor of Science degree program in computer science/business administration](#)
- [Northwestern - CS+](#)
- Examples of interdisciplinary CS fields:
  - Arts and humanities - The Fusion of Art and Technology
  - Social sciences - Uncovering Human Behavior
  - Economics: Modeling Economic Systems
  - Psychology: Human-Computer Interaction (HCI)
  - AI and Machine Learning
  - Natural Language Processing (NLP)
  - Transportation and Urban Planning: Enhancing Infrastructure
  - Law and Ethics: Navigating the Digital Legal Landscape
  - Medicine and Healthcare: The Digital Health Revolution
  - Business and Management: Data-Driven Decisions

➢ **Are you changing Computer Science to become a business degree?**

- No, the plan is to add more tracks to create equitable opportunities for students who wish to be in the computer science field but face hurdles with the program requirements.

➢ **What is the difference between Computer Science (CS) and Computer Information Systems (CIS)?**

- Computer information systems (CIS) studies technology's impact on business operations. Professionals in this field might help organizations implement data management solutions or tools to streamline and support functions and operations. Students entering the CIS field can work toward many lucrative positions. Like the CS, the program can lead to either a transfer or a career.

➢ **What is the significant curriculum difference between CS and CIS?**

- The core computer science courses are common between the two.
- CS requires multiple math and science courses, e.g., Multiple calculus, chemistry, and physics courses.
- CIS requires multiple accounting, economics, and business courses.
- CIS Math requirements are statistics and the survey of calculus.
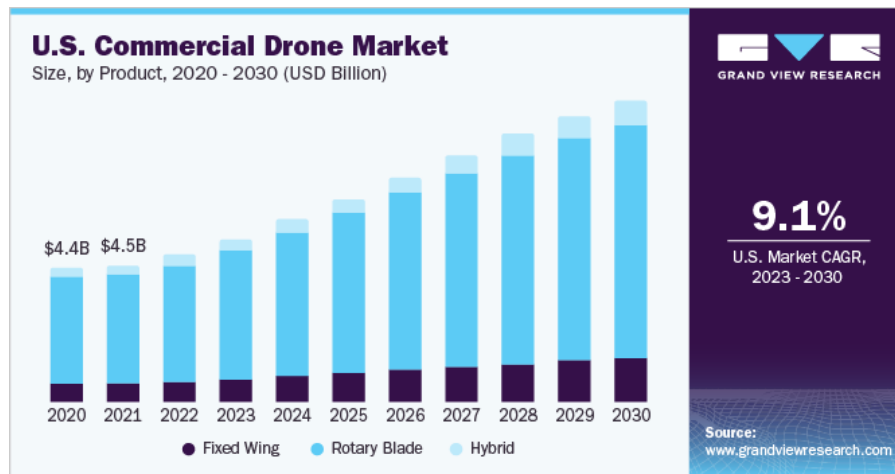

ASSOCIATE DEGREE	OUTCOME	ACADEMIC FOCUS
Computer Science (CS)	Transfer to a 4 year college	Computer Programming + Math
Computer Information Systems Transfer (CIT)	Transfer to a 4 year college	Computer Programming + Business

o As shown above, the concern about Computer science becoming more of a Management Information Systems program if placed under business is not an issue. We are not changing computer science; we are adding equitable options for students. The *current name of the Department is Computer Science and Information Systems (CSIS).*

➢ **Is there a significant salary range between CS and the CIS?**

o Salaries vary widely based on the specific job, industry, location, and experience level. On average, both fields offer competitive salaries, with some CS roles like software development often commanding higher starting salaries. However, advancement into management seems more likely for graduates with business management leadership.

➢ **How many full-time and part-time in the Computer Science and Business Department?**

Program	Full-Time	Part-Time
ACCT	1	3
BUS	0 (ECON, Teaching 1 BUS Course)	13
CSIS	1	9

The Drone Program:

➢ **If there is an entrepreneurship option within a business, drones would be a better fit, given the current use of drones in various industries, including insurance, real estate, etc.**

o It is a possibility. It is a growing market in all fields. It is expected to reach or exceed $54.6 billion by 2030.

o **Degrees in Drone Aviation in USA for 2024**

▪ Associate Degree in Aviation Technology - Unmanned Aerial Systems. Green River College. ...
▪ B.S. Aero in Unmanned Aircraft System Operations. ...

- BS in Unmanned Aircraft Systems. ...
- Certificate in Unmanned Aviation Systems (UAS) ...
- Unmanned Aerial System (UAS) Drone Application Certificate

Open Forum Survey Feedback:

- Thank you for having your meeting on Zoom. Great ideas Dr. Fayek, look forward to seeing Gavilan grow.

- "I like the idea of having a new Dean for those programs, but I am also concerned about administrative bloat.

  I would also like to learn more about the Director of the Library, Distance Education and Tutoring duties, and the Professional Development position. What are the expectations for these positions, and how will the college support them?"

- Consider an analysis of (a) articulation agreements and (b) apprenticeship: the purpose is that (a) lower division course articulation often matches a different AS-T degree than the four-year degree (for example, activation to B.S. in C.MGT in an A.S.-T in accounting), and (b) the certifications and courses for apprenticeship are often not a linear pathway given the Dewey approach to education typically used in that curriculum (why apprenticeship often ends up a grab bag of random certifications that sum to no degree).

- Overall, its probably a good idea, and necessary. However, the plan over-estimates how much our divisions and program structures actually affect students. It would be more prudent to stick with the organizations we've devised in Guided Pathways. The ones we spend hundreds or thousands of work-hours sorting out. We spent years hearing about and working on what was going to be "The Guiding Vision of the College". Be consistent and stick to the plan. It will make management more efficient overall.

- Overall, I like the proposed re-organization, and support the creation of a new Dean's position. I think CS and MIS should be separate majors, in the two different divisions (STEM and Business).

- Looks like it will open a lot of potential for students and a new vision for growth.

- I don't agree with the Aviation Maintenance Technology Program to be under STEM. It should continue to remain under Career Education and Workforce. Most students do not continue to a 4-year to pursue their BA or higher education in Engineering. Students who enroll in the AMT Program - focus on completing the program, take the FAA certified examination to be working! It should stay in Career Education and Workforce!!