



## **Business: Computer Science and Information Systems**

### **Instruction**

#### **Vision/Narrative**

The Business/CSIS Department at Gavilan College prepares students to succeed in a diverse global society by offering an education focused on relevant business subjects and current technology. We invite students to envision and achieve their personal educational goals, including employability, transfer to four-year institutions, and life-long learning.

The CSIS program includes three distinct areas of study within the computer science area:

- 1) Office Technology and Office Computer Applications;
- 2) Software Development/Programming; and
- 3) Computer Networking and Hardware/Support

The communities that we serve consistently request more computer science offerings. Surveys (available on the Gavilan website) document this fact and highlight the local job potential for this field of study.

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#### **Feedback from Supervisor / Dean**

I appreciate the detailed activities listed under the five objectives. This helped create a clearer picture of the context for each objective. Given that all five objectives are resubmitted from the previous year, and that several appear to be substantially completed, I would challenge the program to replace these objectives with new ones for the current year. Where does the program want to go in the next year and how does it plan to get there? The current objectives are heavily geared towards achieving a single outcome. What broader student and programmatic outcomes are desired, and could these objective be activities to support them? How does this program fit into the broader SWP/CTE context?

-Wruck



**Program Objective 1: Maintain the equipment in the computer labs. Ensure that the computers are capable of running current software. To be prepared for the workplace, students need to learn current software.**

**Strategy and Goal(s):**

Not Applicable: RESUBMITTED: Copied from Academic Year 2016-17

**IEC Program Review:**

Yes, this Objective is based from the last IEC Program Review.

**Progress:**

Yes: Title V funds were able to fund some hardware improvements.

**Activity 1: Advocate for funding to replace computers on a regular schedule as detailed in the Technology Plan.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Activity 2: Funding for ongoing instructional materials, supplies, small repairs/replacements for equipment in four lab classrooms in Gilroy, one in Hollister and two in Morgan Hill.**

**Personnel Request - *none***

**Non-Personnel Request**

Specific Item(s) Needed	Amount Requested (\$)	Fund Source / Type
Instructional materials	\$ 6000.00	General Fund / On-Going
<i>Total Requested</i>	<i>\$ 6000.00</i>	

**Rankings:**

Ranker	Comments	Rank
Dean	Equipment needs prioritized using categorical funds.	12
Vice-President		
Budget Committee		



President's Council		
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**Program Objective 2: Maintain hardware and software to meet current industry standards.**

**Strategy and Goal(s):**

Not Applicable: RESUBMITTED: Copied from Academic Year 2016-17

**IEC Program Review:**

Yes, this Objective is based from the last IEC Program Review.

**Progress:**

No: There is no funding currently identified for upgrading computers on campus. This will become more and more of an issue campus-wide as our current computers reach the end of their life cycles.

**Activity 1: Keeping computer hardware and software current and up to industry standards is an ongoing expense that should be built into the college budget.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Rankings:**

Ranker	Comments	Rank
Dean	Equipment needs prioritized using categorical funds	12
Vice-President		
Budget Committee		
President's Council		



**Program Objective 3: Revise curriculum to include a new AS-T degree. The CSIS transfer degree is aligned with CSUMB and SJSU, so that students can transfer seamlessly to neighboring colleges.**

**Strategy and Goal(s):**

Not Applicable: RESUBMITTED: Copied from Academic Year 2016-17

**IEC Program Review:**

Yes, this Objective is based from the last IEC Program Review.

**Progress:**

Yes: The program is fully aligned with the C-ID and the AS-T in Computer Science has been approved by the Chancellor's Office (Summer 2016)

**Activity 1: The AS-T in Computer Science is complete. It was approved by the Chancellor's Office in Summer 2016. Students are currently working toward this degree and we anticipate that there will be more when this new degree appears in the new college catalog.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Rankings:**

Ranker	Comments	Rank
Dean		
Vice-President		
Budget Committee		
President's Council		



**Program Objective 4: Hire at least 3 new full-time faculty in the CSIS area. Maintaining our current program and anchoring expanded programs in Morgan Hill, Hollister and eventually Coyote Valley will require more full-time faculty in the discipline.**

**Strategy and Goal(s):**

Not Applicable: RESUBMITTED: Copied from Academic Year 2016-17

**IEC Program Review:**

Yes, this Objective is based from the last IEC Program Review.

**Progress:**

No: Continue to participate in the Five-Year hiring plan in the hope that one day the budget will improve enough for this objective to be addressed

**Activity 1: Participate in the 5-year faculty hiring plan. Advocate for sufficient full-time faculty to support ALL college programs, especially smaller programs which have few full-time faculty to support them.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Activity 2: Advocate for a rational, respectful, collegial process for building a Five-year Faculty hiring plan, that preserves and enhances Gavilan's many small programs, including vocational programs with their rich diversity of student learning outcomes.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Activity 3: According to government labor market data, technology will offer many well-paying job opportunities**

**to local residents. Gavilan College could be a leader in training people for these jobs if there were sufficient staff and faculty in the field. Finding qualified part-time instructors in the field of computer science has proven to be next to impossible in the past few years.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Rankings:**

Ranker	Comments	Rank
Dean	May be considered in full time priority hiring committee	12



**Business: Computer Science and Information Systems**

Academic Year 2017-18

Vice-President		
Budget Committee		
President's Council		



**Program Objective 5: Hire a full-time counselor dedicated to supporting Occupational Programs as part of the Occupational Career Program Institute.**

**Strategy and Goal(s):**

Not Applicable: RESUBMITTED: Copied from Academic Year 2016-17

**IEC Program Review:**

Yes, this Objective is based from the last IEC Program Review.

**Progress:**

Yes: The 2012-2017 Title V grant has made it possible to hire a part-time CTE counselor.

**Activity 1: The new full-time CTE counselor has proven to be a wonderful resource for our area. Her enthusiasm and energy in reaching out to CTE students has made a huge difference in making these students feel that they are part of a cohort or community of like-minded individuals. Her energy in helping students prepare for transfer and for employment has been invaluable. This counselor has already greatly improved the number of degrees and certificates awarded in this area. Student feedback has been uniformly positive. This position needs to be expanded and institutionalized at the end of grant funding.**

**Personnel Request - *none***

**Non-Personnel Request - *none***

**Rankings:**

Ranker	Comments	Rank
Dean		
Vice-President		
Budget Committee		
President's Council		