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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In preparation for the new Title V grant work, we have begun investigating how Gavilan's computer science program compares with those of neighboring colleges.
In 2011-2012, Gavilan awarded 20 degrees and certificates in computer science, compared with
the 24 degrees and certificates awarded by Cabrillo College, an institution approximately three times
the size of Gavilan. The latest data available for Hartnell College was from 2010-2011 and showed that
Hartnell awarded 4 degrees and certificates in computer science. Data from the Chancellor's office shows
that statewide, 2573 degrees and certificates were awarded in computer science
by California community colleges in 2011-2012. Of these, 138 degrees statewide were designated as transfer, highlighting
the demand for vocational education in computer science.

Feedback from Supervisor / Dean

Program Objective 1: Replace the computers in the computer labs with computers capable of running current software.

Strategy and Goal(s):

Not Applicable: RESUBMITTED: Copied from Academic Year 2015-16

IEC Program Review:

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

Progress:

Closed: Measure E covered the most recent updates.
Lack of staff and full-time faculty will hamper our ability to pursue
grants in the future. There seems to be a tremendous amount of grant
money available, but no personnel to pursue grants and implement improvements with
the funds.
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RESUBMITTED: See Academic Year 2017-18 Program Plan

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*

Rankings:

Ranker	Comments	Rank
Dean	Supported by TV till September 30, 2017	10
Vice-President		
Budget Committee		
President's Council		

Program Objective 2: Maintain hardware and software to meet current industry standards.

Strategy and Goal(s):

Not Applicable: RESUBMITTED: Copied from Academic Year 2015-16

IEC Program Review:

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

Progress:

Closed: 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.
RESUBMITTED: See Academic Year 2017-18 Program Plan

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	Supported by TV till September 30,2017	12
Vice-President		
Budget Committee		
President's Council		

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

Strategy and Goal(s):

Not Applicable: RESUBMITTED: Copied from Academic Year 2015-16

IEC Program Review:

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

Progress:

Closed: The process of updating courses to align with the C-ID is in progress.

RESUBMITTED: See Academic Year 2017-18 Program Plan

Activity 1: The AS-T in Computer Science is almost complete. Final curriculum changes will be submitted in Spring 2015.

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 2015-16

IEC Program Review:

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

Progress:

Closed: 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
RESUBMITTED: See Academic Year 2017-18 Program Plan

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	One FT hired in 2016. Participate in FT hire process with DC's	12
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 2015-16

IEC Program Review:

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

Progress:

Closed: The 2012-2017 Title V grant has made it possible to hire a part-time CTE counselor.
RESUBMITTED: See Academic Year 2017-18 Program Plan

Activity 1: A counselor specializing in Occupational education would make it possible to identify cohorts and build communities among these students, greatly enhancing and supporting student success.

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

Activity 2: Participate in finding grants to support this goal.

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

Activity 3: The part-time counselor whose job is currently funded by Title V 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 position needs to be expanded and institutionalized
at the end of grant funding.
An administrative assistant that can help with CTE grants is sorely needed. Applying for and managing grants takes
a tremendous amount of time and effort. An assistant makes the process more efficient and allows faculty and administrators
to be more productive.

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

Rankings:

Ranker	Comments	Rank
Dean	PT counselor Supported by TV till September 30,2017.	12
Vice-President		
Budget Committee		
President's Council		