

Full-Time Faculty Position Request Form 2015 - 2016

This form is used by departments and programs to request new or unfilled faculty positions relying on Program Review and/or other justifications. Submit one form for each position requested. For multiple positions, indicate priority of request (e.g., Subject Position 1, Subject Position 2, etc.). Forms are due to Division Deans by September 11, 2015.

Position Requested:

Contact Person:

Discipline/Division: Starting Term: Fall Spring

This form requires the use of Enrollment Management Tool data, which can be found at the following link: <http://www.laspositascollege.edu/researchandplanning/FacultyPrioritization.php> (If you have any questions about the data, please contact Rajinder Samra 925-424-1027 or rsamra@laspositascollege.edu) or your Dean. The data will be verified by the Dean. Do not attach data spreadsheets.

CRITERIA

1. Number of Full-Time Faculty currently in Discipline:
If requesting more than one position, add 1 to this number for each subsequent position requested.
2. Percentage of FTEF taught by full-time faculty as load for the past six semesters, and projected for one year assuming a successful hire. (If requesting more than one position, see Rajinder Samra to determine the projected numbers).

| Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 | <u>Projected</u> | Fall 2016 | Spring 2017 |
|--|--|--|--|--|--|------------------|--|--|
| <input style="width: 50px;" type="text" value="83.6"/> | <input style="width: 50px;" type="text" value="75.1"/> | <input style="width: 50px;" type="text" value="84.2"/> | <input style="width: 50px;" type="text" value="79.8"/> | <input style="width: 50px;" type="text" value="83.2"/> | <input style="width: 50px;" type="text" value="58.8"/> | | <input style="width: 50px;" type="text" value="70"/> | <input style="width: 50px;" type="text" value="65"/> |

3. a. For Instructional Faculty: WSCH per FTEF for the past six semesters (use data from link above):

| Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 |
|---|---|---|---|---|---|
| <input style="width: 50px;" type="text" value="446"/> | <input style="width: 50px;" type="text" value="313.1"/> | <input style="width: 50px;" type="text" value="429.4"/> | <input style="width: 50px;" type="text" value="326.5"/> | <input style="width: 50px;" type="text" value="489.9"/> | <input style="width: 50px;" type="text" value="386.3"/> |

b. For non-instructional faculty (librarians and counselors): Student/Faculty ratio for the past six semesters, and projected for one year assuming a successful hire. Divide headcount by number of full-time faculty. For example: 8000 students divided by 3 full-time faculty.

(If requesting more than one position, see Rajinder Samra to determine the projected numbers).

| Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 | <u>Projected</u> | Fall 2016 | Spring 2017 |
|---|---|---|---|---|---|------------------|---|---|
| <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> | | <input style="width: 50px;" type="text"/> | <input style="width: 50px;" type="text"/> |

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4. Check if position is a: Replacement or New

If replacement: What is the position code? (see Dean)
 Name of the person being replaced:
 Length of time position(s) unfilled:

5. Program Characteristics:

a. List the courses taught and/or work performed in the discipline.
 (Be brief and specific. Use your Program Review to complete this section.)

The Computer Networking Technologies program prepares students for a variety of career opportunities in the computer networking field. Courses prepare CISCO CCNA, Microsoft MSCA, CompTIA A+, Security+, Network +, and Linux certification exams. Additionally the program provides courses for students interested in computer forensics, whitehat hacking, WIFI/Hotspot technologies, and other emerging network and security technologies.

b. Total number of primary sections as identified in data taught in the discipline in each of the last six semesters (use data from link above):

| Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <input type="text" value="9"/> | <input type="text" value="9"/> | <input type="text" value="8"/> | <input type="text" value="9"/> | <input type="text" value="8"/> | <input type="text" value="8"/> |

c. Student enrollments in the classes taught or number of students served in each of the last six semesters (use data from link above):

| Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <input type="text" value="37"/> | <input type="text" value="37"/> | <input type="text" value="35"/> | <input type="text" value="28"/> | <input type="text" value="41"/> | <input type="text" value="33"/> |

d. List special characteristics of the discipline such as: (Be brief and specific. Use your Program Review to complete this section.)

- Mandated class size limits due to state, contract, and accreditation standards.
- Facilities
- Number of courses out of the total number of courses in the discipline that meet General Education Requirements
- Number of courses out of the total number of courses offered that are required as part of an AA/AS degree, certificate or transfer
- Discipline provides basic skills courses
- Discipline provides mandated and specialized services to students
- Other

Full-Time Faculty Position Request Form 2015 - 2016

The CNT program is comprised almost exclusively of specialized courses that provide current, industry-relevant training in up-to-date technologies, protocols, techniques and software packages. Because of the nature of the education and training provided by CNT courses, the discipline utilizes a variety of specialized facilities, including physical hardware as well as "virtual" facilities, all of which require ongoing attention and facilitation by skilled full-time faculty.

The CNT program currently has an AA degree with several areas that students can pick to specialize in as well as numerous certificates. The degree and certificates were created to provide students with the skills and knowledge needed to be prepared to take (and pass) several industry certifications, e.g., CCNA, CompTIA Network+ and Security+, etc.

6. Describe how courses and/or services in this discipline impact other disciplines and programs. (Be brief and specific. Use your Program Review to complete this section.)

Multiple CNT courses are cross-listed with the related Computer Science (CS) and Computer Information Systems (CIS) disciplines. In addition, transfer-oriented students completing our core sequence of courses in CS often express a need and/or interest in adding credits in CNT sub-areas such as Linux/Unix, security, networking, cloud computing, and forensics.

The computer forensics courses, CNT 68 and CNT 70 are electives in the AJ AA degree. With the new Computer Information Technologist degree, we will be working closely with the Internship and Work Experience programs.

Also, over the last several years, an effort has been made to coordinate the CNT programs offered at both LPC and Chabot so that students can move seamlessly between the programs and so that, when appropriate, courses could be offered jointly between the campuses.

7. If this is the first full-time position in the discipline, discuss: (Be brief and specific. Use your Program Review to complete this section.)

- a. Justification for the position.
- b. Projected start-up costs for equipment, facilities, and support staff for the first three years.
- c. Projected enrollment growth for the next three years, starting with the first semester of the projected faculty hire.

8. What are the impacts on students, the discipline and the college of NOT filling this faculty position? What are the programs/courses/services that have not been or cannot be offered due to the vacancy? (Be brief and specific. Use your Program Review to complete this section.)

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The CNT discipline, in order to serve demands for training from current and prospective students, particularly including veterans and other returning students in the community, needs to include sufficient faculty skill and capacity across multiple areas of focus. If this position is NOT filled, it will become necessary to remove multiple areas of focus from the set of CNT courses offered at LPC. This will likely cause a shift in enrollment to peer institutions that do offer these.

The Computer Studies disciplines, which includes CNT, is currently working on a project with LLNL that has resulted in the creation of a new degree, Computer Information Technologist, which includes CNT, CS, and CIS courses. Not filling this position will make it difficult to offer the CNT courses in this degree and to provide the interns and skilled workers as request by LLNL. In addition, the Computer Studies disciplines are looking to develop a program in CyberSecurity (we hope to partner with Sandia's CyberDefenders program and with LLNL). It is critical to have a full-time CNT Faculty member to help with this effort.

9. Any additional information that addresses justification of the position. If multiple positions are being requested, this is an opportunity to differentiate the justifications for additional positions.

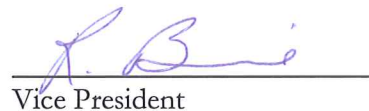
There are several regional consortium that the Computer Studies disciplines are currently working with including, NetLabs, Health Information Technologies (HIT), and Information and Communication Technologies (ICT) which all have networking components. While CIS and CS faculty are working with these consortia, we need a CNT faculty member to address the networking curriculum development, define equipment needs, and develop industry partner relationships in the networking field.

Signatures:

LaVaughn Hart
Requestor

Digitally signed by LaVaughn Hart
DN: cn=LaVaughn Hart, ou=Las Positas College,
ou=Computer Information Systems,
email=lhart@laspositascollege.edu, c=US
Date: 2015.09.10 09:42:46 -07'00'


Dean


Vice President