

Full-Time Faculty Position Request Form 2019 - 2020

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 15, 2018.

Position Requested:

Contact Person:

Discipline/Division: Starting Term: Fall Spring

This form requires the use 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.

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:

CRITERIA

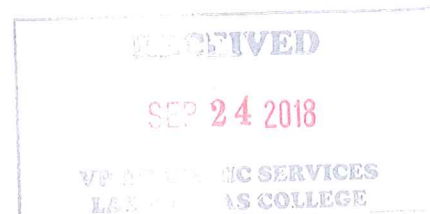
1. Number of Full-Time Faculty currently in Discipline:
 If requesting more than one position, add 1 to this number for each subsequent position requested.
2. Percentage of FTEF taught by full-time faculty as load for the past six semesters, and projected for one year assuming a successful hire. (Use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

Fall 2015	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018	<u>Projected</u>	Fall 2019	Spring 2020
<input type="text" value="61.5"/>	<input type="text" value="57.3"/>	<input type="text" value="52.7"/>	<input type="text" value="64.5"/>	<input type="text" value="24.0"/>	<input type="text" value="47.3"/>		<input type="text" value="47.3"/>	<input type="text" value="47.3"/>

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

Fall 2015	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018
<input type="text" value="554.5"/>	<input type="text" value="582.0"/>	<input type="text" value="593.7"/>	<input type="text" value="596.1"/>	<input type="text" value="563.8"/>	<input type="text" value="577.6"/>

Full-Time Faculty Request Form 2019-20: FHPC Revisions May 3, 2012, Sept. 18, 2012, April 30, 2013, December 4, 2015, March 21, 2018; Presented to Academic Senate-January 27, 2016, April 11, 2018



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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. 1:2666

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

Fall 2015	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018	<u>Projected</u>	Fall 2019	Spring 2020

4. 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 Science program prepares students for direct job entry and/or preparation for transfer to a four-year university. The program covers a wide range of computer related profession that include programming, systems analysis, data process, and computer science. The program consists of 14 courses, 1 degree, and 2 certificates of achievement.

Degree
AS: Computer Science

Certificate of Achievements
Computer Programming
Computer Programming for the Web

- b. Total number of primary sections as identified in data taught in the discipline in each of the last six semesters (use data link from page1):

Fall 2015	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018
10	13	12	14	13	16

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c. Student enrollments (FTES) in the classes taught (use data link from page 1) or number of students served in each of the last six semesters:

Fall 2015	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018
65	62	74	68	78	81

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

Notable characteristics of the Computer Science discipline include:

* CS1 is an increasingly popular course that fulfills General Education requirements as well as degree requirements in other disciplines, including Engineering, a new Computer Information Technologist degree and other STEM fields.

* Most courses offered in Computer Science are required for an AS degree or certificate and/or to fulfil requirements at transfer institutions.

* All courses in this discipline include lab sections and active use of computers and related technology during all class sessions.

* State-specified Minimum Qualifications require instructors in Computer Science to have Masters degree in that discipline.

* A Transfer Model Curriculum (TMC) has been approved in Computer Science, and several core Computer Science courses are approved to match corresponding C-ID descriptors.

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5. 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.)

There is a strong interconnection between the CS program and other STEM majors and programs, with other STEM degrees, locally and at transfer institutions, often either requiring a programming course or giving students an option to fulfill a general requirement by taking a programming course. It is typical for large number of students enrolled in CS1, our highest-enrollment course (currently 6 sections per semester), to be in the college's Engineering Transfer Program or pursuing other STEM majors. In addition, several courses in Computer Science are commonly cross-listed with Computer Information Systems, Computer Networking Technology, and/or Mathematics.

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

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

[Not applicable.]

7. 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.)

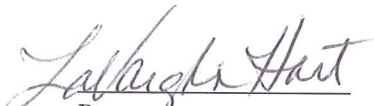
Student interest and enrollments in Computer Science courses, particularly CS1, have risen rapidly in recent years. We are able to offer a number of courses and sections that comes somewhat close to matching student demand only because we currently have 2 full-time instructors. With the planned resignation of one of these instructors, the loss of 50% of our the discipline's full-time faculty, if not replaced, would drastically impact students. In that situation, we would need to staff a large majority of out current numbers of sections with part-time instructors only, and finding such instructors is likely to be infeasible given the combination of the Masters degree requirement and the prevailing regional job market in the industry. Moving forward with only one remaining full-time instructor would almost certainly lead to reduced sections in the discipline and many students unable to continue the degree programs they have started or fulfill requirements for programs in other disciplines.

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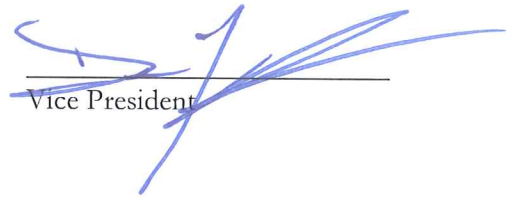
8. Any additional information that addresses justification of the position. If multiple positions are being requested, this is an opportunity to differentiate the justifications for additional positions.

The Computer Science discipline was reduced from 2 full-time instructors to 1 full-time instructor beginning Spring 2004, but was returned to 2 full-time instructors beginning Fall 2015 because of the strong program development and enrollment growth in the intervening years. Since then, the program has only continued to grow. In addition to ongoing enrollment increases and substantial updating of curriculum in a field subject to ongoing change, Computer Science as a discipline has also been involved in various longer-term partnerships and programs both within the college and among community and regional collaborators. Returning Computer Science to a "one person" discipline and placing the primary burden of all these efforts, along with standard curriculum and committee work, on the shoulders of only one person would overburden and spread that person quite thin in a large and still growing discipline, with negative impacts across the program and students' experiences in it.

Signatures:


Requestor


Dean


Vice President

Here's my explanation for why there is a misreporting of the primary sections.

Total number of sections taught by CNT faculty including those that are cross-listed with CS and CIS.
(Data provided by IR excludes sections taught by CNT faculty because of miscoding of primary section information.)

Fall 15	8
Spring 16	5
Fall 16	7
Spring 17	8
Fall 17	7
Spring 18	7

From: Rajinder Samra

Sent: Thursday, September 20, 2018 3:54 PM

To: LaVaughn Hart <LVHart@laspositascollege.edu>; Nan Ho <NHo@laspositascollege.edu>

Cc: Linda Cross <lcross@laspositascollege.edu>; David Rodriguez <JDRodriguez@laspositascollege.edu>

Subject: Re: Revised - Primary Section Data for Faculty Position Request Form

Thanks for the feedback, LaVaughn. Consistent with what you said below, this is just one item among multiple items that are used for the Faculty Position Request Form. However, I encourage anyone who would like to revise the primary section information to work with Andrea and ITS. We are happy to re-run the primary section data after changes have been made.

Rajinder

Rajinder Samra, M.S.

Director of Research, Planning, and Institutional Effectiveness

Chair, Institutional Planning and Effectiveness Committee

Las Positas College

E-mail: rsamra@laspositascollege.edu

From: LaVaughn Hart

Sent: Thursday, September 20, 2018 2:21 PM

To: Rajinder Samra; Nan Ho

Cc: Linda Cross; David Rodriguez

Subject: RE: Revised - Primary Section Data for Faculty Position Request Form

It seems that the designation of which is the Primary section when classes are xlisted is at best random. It would seem to me that the logical way to determine this would be by the faculty teaching the class. For example, a CIS PT instructor teaches the xlisted CIS/CNT/CS 43 so the primary section would be the CIS 43. But in the data shown, the primary section was defined as CS 43 (and that is the class that usually has the lowest number of students). I understand that the Computer Studies area probably has the most xlisting that involve courses in our separate disciplines. Perhaps not that important in the big picture.

LaVaughn

From: Rajinder Samra

Sent: Wednesday, September 19, 2018 6:44 PM

To: Nan Ho <NHo@laspositascollege.edu>; LaVaughn Hart <LHart@laspositascollege.edu>

Cc: Linda Cross <lcross@laspositascollege.edu>; David Rodriguez <JDRodriguez@laspositascollege.edu>

Subject: Re: Revised - Primary Section Data for Faculty Position Request Form

Hi Team,

Thanks for the question. All enrollment management data that is reported for the Faculty Position Request Form is gathered from Argos data. In the data file from Argos, there is a column that indicates which sections are cross-listed and another column that indicates which is the primary section. The cross-listed information is entered by Andrea Migliaccio, but it's still to be determined who enters the primary section column info (Andrea informed me that she will be asking ITS when she gets a chance).

Attached is Spring 2018 data from the Argos data file for CNT and CS; it also includes pertinent cross-listed sections for CIS and MATH. A primary section is indicated by a '1' in the Primary Section column.

Hi LaVaughn,

Please let us know your thoughts regarding how accurate the attached information is from Argos.

Rajinder

Rajinder Samra, M.S.

Director of Research, Planning, and Institutional Effectiveness

Chair, Institutional Planning and Effectiveness Committee

Las Positas College

E-mail: rsamra@laspositascollege.edu

From: Nan Ho

Sent: Tuesday, September 18, 2018 10:14 PM

To: Rajinder Samra

Cc: Linda Cross; LaVaughn Hart

Subject: Re: Revised - Primary Section Data for Faculty Position Request Form

Hi Rajinder,

We have an interesting question regarding primary sections when there are cross-lists. Would you be able to look at LaVaughn's question?

Thank you,
Nan

On Sep 18, 2018, at 2:53 PM, LaVaughn Hart <LHart@laspositascollege.edu> wrote:

I don't think that the CNT one is correct because I don't think that it includes the xlisted classes between CIS and CNT (a CNT instructor normally teaches most of these).

I went back and reviewed CNT classes in Class-web for all the semester. Excluding ones that are taught by CIS faculty or CS faculty, I come up with the following. We should be able to count xlisted classes. If we are excluding all xlisted classes then we are misrepresenting the number of classes that CNT faculty normally teach.

Fall 15	8
Spring 16	5
Fall 16	7
Spring 17	8
Fall 17	7
Spring 18	7

Haven't had a chance to look at CS but I think I need some clarification about what is meant by Primary Section.

LaVaughn