

IMPERIAL VALLEY COLLEGE  
PROGRAM REVIEW COMPLIANCE FORM AND REQUEST FOR RESOURCES

PROGRAM/DEPARTMENT CISCO CCNA DISCOVERY

ACADEMIC YR. 2012-2013

Comprehensive Program Review

Annual Assessment

Request for Resources (check all that apply)

Please analyze your Program Review data as well as your SLO/SAO assessment findings in order to update to your Comprehensive Program Review report as needed. All changes to area needs and subsequent requests for additional resources must be reported at this time.

If your program is scheduled for a Comprehensive Program Review all forms are to be completed and submitted to the appropriate Dean/VP. If you are completing the annual Program Review Assessment only and have no changes to area needs, sign below and submit this form to appropriate Dean/VP. If your needs have changed as a result of your annual assessment of program review data, please complete the appropriate Request for Resources form(s) and submit to appropriate Dean/VP.

Craig M. Bluh  
Signature of Program Chair/Director

2/15/13  
Date

[Signature]  
Signature of Area Dean

2/20/13  
Date

[Signature]  
Signature of Area Vice President

2/28/13  
Date

Please attach the following documents to this Program Review Compliance form if you are requesting additional resources:

- ✓ Comprehensive Program Review
- ✓ Data Analysis Form
- ✓ SLO/SAO Assessments
- ✓ Request for Resources Forms

**Academic Program Evaluation – CISCO CCNA DISCOVERY**  
**Division – EWD**  
**Department – BUS**

**CIS COURSES**

| TERM                              | Enrollment | Fill Rate | # of Sections | Mass Cap | Avg. Class Cap | Avg. Class Size | FTES    | FTEF    | Productivity (FTES/FTEF) | Completion Rate | Success Rate |
|-----------------------------------|------------|-----------|---------------|----------|----------------|-----------------|---------|---------|--------------------------|-----------------|--------------|
| Fall 2009                         | 851        | 93.11%    | 31            | 914      | 29.48          | 27.45           | 66.67   | 4.05    | 16.46                    | 86%             | 65%          |
| Spring 2010                       | 837        | 90.39%    | 32            | 926      | 28.94          | 26.16           | 67.59   | 4.45    | 15.19                    | 87%             | 71%          |
| Fall 2010                         | 858        | 89.94%    | 31            | 954      | 30.77          | 27.68           | 64.25   | 4.58    | 14.03                    | 86%             | 59%          |
| Spring 2011                       | 870        | 86.40%    | 34            | 1007     | 29.62          | 25.59           | 69.48   | 4.75    | 14.63                    | 87%             | 63%          |
| Fall 2011                         | 530        | 86.46%    | 19            | 613      | 32.26          | 27.89           | 50.53   | 3.21    | 15.74                    | 90%             | 65%          |
| Spring 2012                       | 529        | 78.72%    | 21            | 672      | 32             | 25.19           | 50.96   | 3.75    | 13.59                    | 90%             | 64%          |
| % Change Fall Semesters 09 - 11   | -7.14%     | -38.71%   | -32.93%       | 9.43%    | 1.60%          | -24.21%         | -20.74% | -4.37%  | 4.65%                    | 0.00%           | 0.00%        |
| % Change Spring Semesters 10 - 12 | -12.91%    | -34.38%   | -27.43%       | 10.57%   | -3.71%         | -24.60%         | -15.73% | -10.53% | 3.45%                    | -9.86%          | 0.00%        |

**PROGRAM COMPLETION**

| Number of certificates completed<br>Between Fall 2009 and Spring 2012 | Number of Associate Degrees Completed<br>Between Fall 2009 and Spring 2012 |
|---|--|
|   |  |

### CISCO CCNA DISCOVERY - A.S AND CERTIFICATE

**ASSOCIATE DEGREE:**

Required Courses: CIS 160, 162, 163, 164, 165, WE 201, 220

**CERTIFICATE PROGRAM:**

Required Courses: CIS 160, 162, 163, 164, 165, WE 201, 220

#### CISCO CCNA DISCOVERY - ENROLLMENT, FILL RATES & WAIT LISTS

| COURSE   | Class Cap | Enrollment/# Sections |        |        |        |        |        | Fill Rate |         |         |         |         |         |       |
|----------|-----------|-----------------------|--------|--------|--------|--------|--------|-----------|---------|---------|---------|---------|---------|-------|
|          |           | F 09                  | S 10   | F 10   | S 11   | F 11   | S 12   | F 09      | S 10    | F 10    | S 11    | F 11    | S 12    | S 13  |
| CIS 160  |           |                       |        |        |        |        | 22 - 1 |           |         |         |         |         |         | 91.7% |
| CIS 162  |           |                       |        |        |        |        |        |           |         |         |         |         |         |       |
| CIS 163  |           |                       |        |        |        |        |        |           |         |         |         |         |         |       |
| CIS 164  |           |                       |        |        |        |        |        |           |         |         |         |         |         |       |
| CIS 165  |           |                       |        |        |        |        |        |           |         |         |         |         |         |       |
| WELD 100 | 18        | 45 - 2                | 36 - 1 | 34 - 2 | 39 - 2 | 22 - 1 | 37 - 3 | 125%      | 138.89% | 94.44%  | 108.33% | 122.22% | 102.78% |       |
| WELD 101 | 18        |                       | 26 - 1 | 19 - 1 |        | 19 - 1 | 17 - 1 |           | 144.44% | 105.56% |         | 105.56% | 94.44%  |       |

#### CISCO CCNA DISCOVERY - PRODUCTIVITY (FTES/FTEF)

| COURSE   | FTES  |       |       |       |      |       | FTEF |      |      |      |      |      | Productivity |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|--------------|-------|-------|-------|-------|-------|-------|
|          | F 09  | S 10  | F 10  | S 11  | F 11 | S 12  | F09  | S 10 | F 10 | S 11 | F 11 | S 12 | F09          | S 10  | F 10  | S 11  | F 11  | S 12  |       |
| CIS 160  |       |       |       |       |      | 4.53  |      |      |      |      |      | 0.27 |              |       |       |       |       |       | 16.78 |
| CIS 162  |       |       |       |       |      |       |      |      |      |      |      |      |              |       |       |       |       |       |       |
| CIS 163  |       |       |       |       |      |       |      |      |      |      |      |      |              |       |       |       |       |       |       |
| CIS 164  |       |       |       |       |      |       |      |      |      |      |      |      |              |       |       |       |       |       |       |
| CIS 165  |       |       |       |       |      |       |      |      |      |      |      |      |              |       |       |       |       |       |       |
| WELD 100 | 13.89 | 11.11 | 10.49 | 12.04 | 6.79 | 11.41 | 0.66 | 0.33 | 0.66 | 0.66 | 0.33 | 0.66 | 21.05        | 33.67 | 15.89 | 18.24 | 20.58 | 17.29 |       |
| WELD 101 |       | 5.35  | 5.86  |       | 3.91 | 3.5   |      | 0.2  | 0.2  |      | 0.2  | 0.2  |              | 26.75 | 29.30 |       | 19.55 | 17.50 |       |

### CISCO CCNA DISCOVERY - COMPLETION & SUCCESS RATES

| COURSE   | Completion Rate |      |      |      |      |      | Success Rate |      |      |      |      |      |
|----------|-----------------|------|------|------|------|------|--------------|------|------|------|------|------|
|          | F 09            | S 10 | F 10 | S 11 | F 11 | S 12 | F 09         | S 10 | F 10 | S 11 | F 11 | S 12 |
| CIS 160  |                 |      |      |      |      | 100% |              |      |      |      |      | 73%  |
| CIS 162  |                 |      |      |      |      |      |              |      |      |      |      |      |
| CIS 163  |                 |      |      |      |      |      |              |      |      |      |      |      |
| CIS 164  |                 |      |      |      |      |      |              |      |      |      |      |      |
| CIS 165  |                 |      |      |      |      |      |              |      |      |      |      |      |
| WELD 100 | 93%             | 84%  | 85%  | 82%  | 68%  | 86%  | 80%          | 72%  | 53%  | 49%  | 45%  | 51%  |
| WELD 101 |                 | 96%  | 95%  |      | 74%  | 88%  |              | 92%  | 84%  |      | 63%  | 71%  |

**Recent Enrollment Demand:** High \_\_\_\_\_ Medium \_\_\_\_\_ Low X\_\_\_\_\_

**Projection for Future Demand:** Growing \_\_\_\_\_ Stable X\_\_\_\_\_ Declining \_\_\_\_\_

**Opportunity Analysis:** (Successes, new curriculum development, alternative delivery mechanisms, interdisciplinary strategies, etc.)

This is a brand new program in its third semester. The dedicated CISCO lab had a number of problems, but most of those will be eliminated with the purchase of new computers.

The LMI Imperial County 2008-2018 shows growth 8.9% in the broad field of computer support specialists. Early demand for this program has come from those already in the field eager to acquire network certification.

**Summary of Program "Health" Evaluation:** (Including consideration of size, score, productivity and quality of outcomes)

The CISCO program has gotten off to a solid start. The fill rate was over 90% and productivity was 16.78. The completion rate was 100%, while the success rate was 73%. Perhaps even more importantly, we are not seeing large drops in enrollment per class as students' progress through the program.

### Student Learning Outcomes and Program Learning Outcomes

| Course  | units | # SLOs Identified | Spring 2012 | Fall 2012 | Spring 2013 | Fall 2013 | Spring 2014 | Fall 2014 | Spring 2015 | Fall 2015 | Spring 2016 |
|---------|-------|-------------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| CIS 160 | 4     | 4                 | 1           | 2         |             |           |             |           |             |           |             |
| CIS 162 | 5     | 5                 |             | 1         |             |           |             |           |             |           |             |
| CIS 163 | 5     | 8                 |             |           |             |           |             |           |             |           |             |
| CIS 164 | 5     | 6                 |             |           |             |           |             |           |             |           |             |
| CIS 165 | 5     | 4                 |             |           |             |           |             |           |             |           |             |

**Student Learning Outcomes Assessment:**

All SLO's in the program have been assessed at least once. The department continues to monitor, assess and update SLO's as necessary.

**Program Learning Outcomes Assessment:**

The PLO's for the CISCO CCNA Discovery program were written with good intentions, but for a number of reasons proved to be less useful than we had hoped. Therefore, in Fall 2012, the Department rewrote all Program Learning Outcomes and will begin assessing these new outcomes with the Spring 2013 semester.

### Future Goals of Program

We are looking into becoming a Microsoft IT Academy. Allowing students to become Microsoft certified in a wide variety of areas should bring more students into the CIS, CISCO and Multimedia programs.

### Resource requests from annual program review

1. Proper networking equipment is essential to run the CISCO program effectively and efficiently. Along those lines the program needs a few minor things at this time including: RJ45 blank ends, 9 volt batteries (12), Cisco ISR 1841 router (2) and Cisco serial console cables (6).
2. This program like all the programs in the Business Department needs full-time secretarial support. The recent 50% cut in secretarial services it is creating additional difficulties for the program. Without proper staff support it is even harder for the program to grow and prosper.