**LA T T C Program Review 2010- 2011**

Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Anthropology

**Validation Team Members:**
- Cynthia Morley-Mower, Dean
- Dr. Freddie McClain, Sociology professor (Validation Team Member 1)
- Maria Armstrong, Learning Skills faculty (Validation Team Member 2)

**Commendations:**

Very well done program review of the discipline. Review is focusing on current issues, such as budgetary constraints which impacts the kinds and number of course offerings. Plus having to archive Anthropology classes that the instructor worked so hard to create. Excellent alignment of discipline to the college's mission statement.

The mission of the Anthropology discipline shows that it fosters student growth and learning that raises the student's awareness of personal, social and cultural differences and similarities. The discipline fulfills the general education requirements of social & behavioral sciences, but also challenges the students to improve their personal understanding and effectiveness in interacting with others. The Anthropology discipline appears to be a popular choice for students to use it as their graduation requirement. I found the anthropology courses to provide a foundation to all LA T T C students as well as the courses serve as building blocks for an understanding of humanity's history and human development. The strengths of the anthropology discipline lies in its universal appeal and usefulness to LA T T C and it is an active, viable field of study serving a significant amount of students by fulfilling prerequisites for eventual majors and meeting a variety of degree and transfer requirements.

Very comprehensive analysis of mission, purpose and alignment. The discipline addressed the impact of the budget on their area and its effect on the classes they offer.

**Recommendations that require follow-up evaluation for next year:**

Expand collaborations with local schools and increase awareness of anthropology classes to improve the "culture of going to college" among middle and high school students. Nurture a positive image for LA T T C by providing communications to increase awareness of and interest in the discipline. Actively promote LA T T C's visual identity and protect LA T T C "brand". Develop and maintain a high performance computing, networking and information storage environment to support instructional excellence. Strengthen existing retention efforts and improve the discipline growth rate. Identify and replicate best practices for student success.

**Recommendation that do NOT require follow-up evaluation for next year:**

None

**Final Approval:** Approved to move forward to the department level

**Final recommendation on the discipline's Viability Status:** Reaffirm

12/9/2010
LATTTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Child Development

Validation Team Members:
- Cynthia Morley-Mower, Dean
- Diana Jackson, History instructor (Validation Team Member 1)
- Christina Anketell, Learning Skills dept. chair and instructor (Validation Team Member 2)

Commendations:

This is a very thorough program review with it stressing the alignment of the discipline with the college's mission statement. The review also clarifies the various career paths that students can take in Child Development, including transferring to four-year institutions. The faculty in the discipline strongly express their frustration about being under the Behavior Social Sciences department. The number one goal for the discipline is to break away from the B/S/S department and become their own department because they feel their discipline is very unique. Their visions about their discipline in the next 3-5-10 years all depends on if they are solo; otherwise, the faculty perceive they will be "going nowhere" and cannot envision their discipline's future in 10 years.

Child Development clearly stated their mission, purpose and alignment. Their program review supports LATTC Core Competencies and allows students to evaluate their personal goals and develop professionally. Students receive hands-on experience in working with children; making classroom presentations which enhance oral, written and comprehension skills and work in culturally diverse settings. In addition, the program supports the college's strategic initiatives by providing high quality instructional services to students who are interested in working with children. The Child Development program will increase the availability of the child development workforce, thus, meeting the needs of the community and Early Childhood business markets.

The discipline's program review provided a mission statement with purpose and alignment with the college's mission statement. The review clearly focused on the challenges and gave creative solutions. It was very concrete in its thoughts and patterns.
Behavioral Social Sciences

Recommendations that require follow-up evaluation for next year:

It will be interesting to see if the discipline is on its own or if it is still under the B/S/S department.

Child Development has made a number of recommendations that require follow-up evaluation. Those recommendations include: 1) Become an independent department; 2) Secure necessary space for the dept. to provide instructional services, which include both classrooms and labs. 3) Expand the department to both Early Childhood Education and Teacher Education; 4) Provide office space for adjunct. These are legitimate concerns in which Administration, current chair and Child Development staff should provide a time line for implementation of some of these recommendations especially those which relate to teaching and classroom/office space. However, since budget constraints have hampered all programs/disciplines campus-wide, I strongly feel the CD discipline should project a more positive and pragmatic approach in moving toward their three-year goal than a bleak pronouncement that "if we stay where we are now under B/S/S department, we see ourselves going nowhere". Effort should be geared on what is feasible and what can be accomplished in three years. The issues of classroom space, furniture and office space for adjuncts can certainly be resolved within the three-year projection period. As with all disciplines within Behavioral Social Science department, members have demonstrated support for the Child Development faculty's concerns. Their success is our success! The expansion and success of their program will certainly be a plus for our department and the entire campus.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Reaffirm
**Behavioral/Social Sciences**

**LATTC Program Review 2010- 2011**

Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** History

**Validation Team Members:**
- Cynthia Morley-Mower, Dean
- Christina Anketell, Learning Skills, Dept. Chair and instructor

**Commendations:**

The discipline review has a very good mission statement which aligns with the college mission statement. Looks at core competencies and strategic initiatives with good evaluation of future goals. Also the review has a good perception of external community by citing Professor Thurman Robinson as interacting with the community. The review also mentioned the positive internal factors such as smart classrooms and on-line delivery mode. The negative internal factor was the state budget which does not allow the discipline to be able to over a variety of history classes due to the budget crisis.

The discipline program review met the criteria and made specific connections regarding its focus on the population and its needs. The discipline review also focused on improvements and provided concrete solutions.

**Recommendations that require follow-up evaluation for next year:** None.

**Recommendation that do NOT require follow-up evaluation for next year:** None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status: Reaffirm

12/9/2010
LATTCC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Political Science

Validation Team Members:
- Cynthia Morley-Mower, Dean
- Leslee Koritzke, Psychology instructor (Validation Team Member 1)
- Dorothy Thornhill, Business instructor (Validation Team Member 2)

Commendations:

The program review is an outstanding discipline review. The review truly looks at the internal and external factors that this discipline faces. The mission and purpose of the discipline clearly aligns with college's mission. It thoroughly describes what the purpose of the discipline is in relation to its purpose. Also liked the words "create" and "creators" to be included in college mission and vision statements.

The discipline's sole faculty member has been active in helping students meet the necessary AA/AS and transfer requirements, as well as, fully engaging them in the day-to-day applications of the discipline in the political process.

Very good program review.

Recommendations that require follow-up evaluation for next year:

Increase the offerings of Political Science, including the addition of a research course. LK

Recommendation that do NOT require follow-up evaluation for next year:

None at this time.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Yes

Reaffirm

12/9/2010
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Psychology

Validation Team Members: Cynthia Morley-Mower, Dean
Philip Huld, Anthropology instructor (Validation Team Member 1)
Dorothy Thornhill, Business instructor (Validation Team Member 2)

Commendations:

This review is very thorough with innovative ideas. The program cites examples of interaction with other disciplines and departments. It highlights the discipline's alignment which is clear and thorough. The review completely answered all the questions.

The Psychology discipline has pressed hard to replace retired faculty members. This persistence has paid off in that one of the vacant positions is scheduled to be filled.

Very good program review and answers were very good.

Recommendations that require follow-up evaluation for next year:
None.

Recommendation that do NOT require follow-up evaluation for next year:

The replacement of the other retired instructor plus plans to begin a certificate program in Chemical Dependency Counseling - also plans should be developed to begin an AA degree program in Psychology.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status: Reaffirm
LATTCC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Sociology

Validation Team Members:
- Cynthia Morley-Mower, Dean
- Dr. Bradley Vaden, Political Science instructor (Validation Team Member 1)
- Maria Armstrong, Learning Skills instructor (Validation Team Member 2)

Commendations:

This is an excellent program review with answers focusing, not only on the department, but on the entire college and community and their impact on the discipline. The review uses "student-centered" and "engagement" as words they would like to see in the college's mission and vision statements. It is interesting that discipline has great vision for itself in 3 years time, but puts down N/A for the visions of 5 & 10 years time.

This review has good detail which is provided throughout the pages as it addressed each area. A comprehensive understanding of the discipline was highlighted in the Reflection Area.

Recommendations that require follow-up evaluation for next year:

A1 - Sociology's mission needs to create a Program Mission that is more specific to their discipline. Take a look at other Sociology programs, especially those to which students from LATTC will transfer.
A 2 - Unit Purpose - eliminate the material from "The Sociology program integrates..." to the end.
A 3 -- Be more specific in the alignment.

In general, in almost all areas, the program review for Sociology needs to be more specific to Sociology. Too many of the answers are too general or are at college level and not at the unit level. For example, C.2.9 doesn't refer to any specific findings of SLO assessment.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status: Reaffirm
COMMUNITY PLANNING - ECONOMIC DEVELOPMENT/ MORT

COMMENDATIONS:

The Community Planning - Economic Development/ Mortgage Finance Program targets historically neglected communities in Los Angeles to promote community education and service programs that builds partnerships with industry and prepares students for careers in Mortgage Finance and home ownership.

Program has developed community-based partnerships that have developed into Contract Education contracts.

RECOMMENDATIONS THAT REQUIRE FOLLOW-UP EVALUATION FOR NEXT YEAR:

Follow up on suggestion it made in the departments master plan.
1. Develop a new occupational category and community college curriculum for an Asset Building Specialist, a Financial Advisor and case management, including credit counselling, home ownership, banking and savings, investments, and workforce development.

2. Update and replace current curriculum to meet today's standard.
3. Increase interest within degree program with current students on campus.
4. Need to increase the amount of completed degrees and certificates awarded by the program.
5. In order to matriculate more students toward certificates and degrees consider offering more courses in a short-term format.
6. Need to have at least one advisory board meeting per year with minutes taken so that the discipline and the department chair know what direction the program needs to move towards.
7. The discipline's SLO's assessment is currently at the awareness stage.

RECOMMENDATIONS THAT DO NOT REQUIRE FOLLOW-UP EVALUATION FOR NEXT YEAR:

None

FINAL APPROVAL: Approved to move forward to the department level

Reaffirm
**LATTC Program Review 2010-2011**  
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Computer Applications Office Technologies

**Validation Team Members:**  
Vincent Jackson, Dean  
Dr. Ayesha Randall, Learning Skills

**Commendations:**

The Business Department has a sound advisory board. The CAOT discipline provides opportunities for students to gain on-the-job training in office occupations, while attending college. The discipline offers students proficient, advance, and expert skills in MicroSoft Office Applications.

The program vision is to develop a Logistic Computer Applications Office Technology department to increase innovation and attractive course offerings while also improving our rate of student success ratios. The five-year plan is to develop new certificates and associate degree programs - both Career & Technical and for Academic transfer.

**Recommendations that require follow-up evaluation for next year:**

- Begin the development of online certificates that will entice more students to the Business program while meeting the needs of students who are having a tough time getting to college and meeting their educational goals. Recruit new faculty who are willing to be certified to teach online toward providing more options for Business students.

- Look at developing more short-term courses that will move students through their programs faster thereby meeting the needs of business and industry of hiring a better prepared future employee.

- Newly developed certificates need to be industry-driven and based on environmental scanning employment data.

**Recommendation that do NOT require follow-up evaluation for next year:**

- **Final Approval:** Approved to move forward to the department level  
  
  - Yes

- **Final recommendation on the discipline’s Viability Status:**  
  
  - Reaffirm
Commendations:

CIS has been actively addressing the reality of how rapidly techniques and skills are changing within their field. As a result, they have been quick at updating their courses and certificate programs.

The CIS has made great strides within the past year - removing itself from program viability, while also partnering with the University of Southern California (USC) and feeder high schools in the development of two upcoming certificates of achievement - Computer Game Programming Techniques and Web Page Design. These two certificates are in the Awareness/Development stages.

Recommendations that require follow-up evaluation for next year:

Not only does the department need to expand facilities and faculty, but also be very vigilant on how existing faculty are personally updating themselves to new innovative skills that are constantly being developed in their field.

CIS has to make sure there is some designated staff or faculty monitoring new developments and assigning faculty to be trained in those up and coming instructional areas.

CIS should also identify which course and programs are becoming obsolete and they should be phased out and replaced by more up-to-date courses and/or certificate programs. One recommendation is to remain connected with business and industry regarding paradigm shifts in employment opportunities and the skills required to meet the need of business.

Increase online course offerings were possible.

Recommendation that do NOT require follow-up evaluation for next year:

K-Building facility improvements for increased laboratory space requests. This will be covered in a future State building bond initiative.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status:

Reaffirm
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Economics & Finance

**Validation Team Members:**
- Jamil Ahmad, Economics Instructor
- Paulette Bailey, Department Chair of Business
- Vincent Jackson, Dean

**Commendations:**

- Economics 1 and 2 courses continue to have good enrollments while also meeting the needs to students who are transferring to 4-year institutions.

- The Economics & Finance discipline support LATTC core competencies.

- The discipline is well received by our external community universities, USC, UCLA, Mount St. Mary's & Cal State system schools and our Economics & Finance courses are in good articulation standing with these 4-year universities.

**Recommendations that require follow-up evaluation for next year:**

- Expand emphasis on international trade and finance as well as provide more online course options for students.

- Minutes from the April 28 advisory board wasn't included, but it would interesting to see what recommendations were presented based on our course offerings in Economics & Finance.

**Recommendation that do NOT require follow-up evaluation for next year:**

- None.

**Final Approval:** Approved to move forward to the department level

**Final recommendation on the discipline's Viability Status:** Reaffirm
**LATTCC Program Review 2010-2011**
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** General Business and Accounting

**Validation Team Members:**
- Cliff Montour, Instructor
- Vincent Jackson, Dean

**Commendations:**
- Discipline offers occupational training and university transfer preparation in a variety of business areas required by supervisors and managers in both public and private agencies.
- Program supports the LATTCC core competencies in areas of critical thinking skills, evaluating data related to economic transactions, and developing technical skills that are required for entry-level jobs in local industry.

**Recommendations that require follow-up evaluation for next year:**
- Consider offering more of the courses in a short-term format so that more students move through the Accounting certificates and degree programs.
- List a future course offering graph (see page 45 of the Spring 2011 schedule under English) so that students can better plan their class schedules.
- Increase partnership with Business and Industry - curricula upgrade recommendations, internships and entry-level opportunities.
- Consider online course offerings to make discipline more attractive.

**Recommendation that do NOT require follow-up evaluation for next year:**
- None.

**Final Approval:** Approved to move forward to the department level

**Final recommendation on the discipline’s Viability Status:**

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12/9/2010
LATTCC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Office Machines

**Validation Team Members:**
- Victoria Emerson, Adjunct Faculty
- Paulette Bailey, Department Chair of Business
- Vincent Jackson, Dean

**Commendations:**

| Enrollment has increased given that the course has been moved to the evening. New calculators were purchased so all students can use individual calculators without sharing. Sharing of instruments limits individualized learning. |
| The Office Machines discipline remains as a recommended elective for Business AA degree program as well as the for a couple of the CAOT certificates of achievement. |

**Recommendations that require follow-up evaluation for next year:**

| Suggestion was made to have Business 38 and Office Machines taught together where Office Machines would be the lab course. |
| Consider offering class in a short-term format - eight (8) weeks. |
| Consult advisory board members in the area of Business to determine how Office Machines can be linked more toward technology rather than the actual calculators. Does determining business calculation still need to have a printed tape for verification or can the calculation be computer based? |

**Recommendation that do NOT require follow-up evaluation for next year:**

| None. |

**Final Approval: Approved to move forward to the department level**

| Yes |

**Final recommendation on the discipline’s Viability Status:**

| Reaffirm |
Commendations:

This year, the Paralegal Studies program received approval from the Los Angeles/Orange County Workforce Development leaders and is waiting for State endorsement as an official program.

Enrollments within the Paralegal Studies courses have increased over the past two years.

Data taken from the Occupational Handbook Site, specifically data from the National Employment Matrix indicates that employment opportunities for legal assistants will increase by 28% over the next ten years.

Recommendations that require follow-up evaluation for next year:

The acquisition of the Lexis Nexis or West Law online legal database to augment research techniques for our students. This is a required database for the program in order to be American Bar Association (ABA) approved.

Recommendation that do NOT require follow-up evaluation for next year:

ABA approval. In order to be truly recognized by the leaders in the Paralegal Law profession, the LATTC Paralegal Program must be ABA approved. This process can take up to five years. The program should be well on its way next year.

Final Approval: Approved to move forward to the department level  

Final recommendation on the discipline's Viability Status:  

Reaffirm
Discipline/Program/Unit: Real Estate

Validation Team Members: Vincent Jackson, Dean
Marilyn Maine, Cosmetology Instructor

Commendations:

The discipline has many good ideas: dedicated data base for current students and alumni, mailing lists keeping students and industry partners aware of all student successes. Fostering better communication between student services and academic affairs.

The Real Estate discipline has many internal and external factors to consider in light of what has happened with bank loans foreclosures, and mortgage rate increases. Plans for improvement are updating course outlines, create and design instructional materials and DVD’s for student success.

SLOs and PLOs are in the development stage. Assessments and planning have taken placed. Resource requests for upgrading classrooms are positive outcomes from their assessment findings.

Recommendations that require follow-up evaluation for next year:

Re-visit the disciplines Mission Statement.

Recommendation that do NOT require follow-up evaluation for next year:

Provide licensure pass rates for the last three academic years.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status:

Reaffirm
LATTC Program Review 2010- 2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Supervision/Public Relations/Marketing/Management

Validation Team Members: Michael Lindsey, Business Adjunct faculty
Vincent Jackson, Dean

Commendations:
A number of online classes are present within these disciplines.

Recommendations that require follow-up evaluation for next year:

1. Need to provide update on the number of degrees received in Marketing and Public Relations. Not clear if degree programs are still a viable interest for students for transfer of AA degree distinction. Same thing with Supervision and Management update on the number of certificates.
2. To matriculate more students through their programs or certificates of achievement, might want to consider short-term classes and to offer more of the courses during the Winter and Summer since these courses are not offered in bulk during the Fall and Spring. List in Fall and Spring schedule a future course listing grid so students will know when certain classes will be offered.
3. Continue to meet with advisory boards to see where there is potential duplicate, but also to ensure that the use of technology is embedded in courses per the recommendation of the advisory board.
4. Make sure that Business department website and discipline links remain update along with student profiles on how these Business-related programs have benefitted them.
5. Contract Education - develop agreements with nearby businesses who are interested in upgrades

Recommendation that do NOT require follow-up evaluation for next year:

Develop business clubs or business student networks using Facebook or LinkedIn.
Online program certificate and/or degree.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Yes
Reaffirm
Commendations:

The Culinary Arts program review is excellent because it follows just as the department had finished its big Accreditation visit from the American Culinary Federation Educational Foundation (ACFEF). The Culinary discipline was asking for an extension of the accreditation and the Baking discipline was asking for first time accreditation. The faculty spent time prepping for the visit by taking tests and doing manual demos. This program review also highlights the large volume of students that come to take classes and the challenges due to limited classrooms and a very crowded kitchen. The vision for the program in years to come is for a new facility with specialized classrooms and cooking equipment to make it a world class culinary department.

**Also the number one goal for last year's culinary program review was to pass this year's accreditation.**

Recommendations that require follow-up evaluation for next year:

None.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline's Viability Status:

Reaffirm
The Baking Program Review highlights its desire to be accredited by the American Culinary Federation Educational Foundation (ACFEF) and the intense preparation it had undertaken to prepare for the visit. The Program Review also noted the strong growth of the discipline over the past few years. The "Baking & Patisserie" faculty are also looking forward to a new facility that will give them "state-of-the-art" ovens and equipment. Currently the three faculty members and all four semesters of students share the single room baking facility. This semester the faculty are involved in the SLO process and updating their curriculum.

One of the best Program Review Phase Ones that I have had the honor to read. It is well thought-out and full of supportive evidence with ideas for growth and prosperity.

Recommendations that require follow-up evaluation for next year:

- Were needs of the discipline addressed in Phase II of their program review? Items that include:
  1. Updating equipment
  2. Faculty hiring
  3. Facilities

Has the College stepped up to assist with areas of concern that are not easily requested through program review, such as janitorial needs and security/location issues?

Recommendation that do NOT require follow-up evaluation for next year:

- Stay strong! You are doing a great job within the discipline and have established yourself as a leader nationwide. Keep up the good work and keep forward. Congrats! I enjoyed reviewing your Phase I.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Yes

Reaffirm
This program review highlights the discipline's concern about being able to stay current in the ever-changing area of Electronics. The discipline's faculty are committed to ensuring that the students have the latest training, but are frustrated by budget cuts (i.e. getting supplies, equipment and the reduction of class offerings). However the discipline did receive funds (from PBC) to purchase items for Cisco Security Network. In order to accommodate the small enrollment in the third and fourth semesters, the discipline is only offering 1st & 3rd semester classes in the Fall and 2nd & 4th semester classes in the Spring.

Recommendations that require follow-up evaluation for next year:

- Continue to review Labour Market Data and Certificate and/or degree completions.

Recommendation that do NOT require follow-up evaluation for next year:

- None

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

- Reaffirm
Electronics Technology

LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Microcomputer Technician

Validation Team Members: Cynthia Morley-Mower, Dean
Jess Guerra, Automotive Diesel Instructor

Commendations:

This program review highlights the similar challenges faced by the Electronics discipline. The discipline has expressed concern about their classes being relevant and up-to-date using the latest technology. The review cites one of the biggest challenges is the current budget cuts which are impacting their course offerings.

The Program Review highlights the continued vision to constantly update the curriculum to keep up with the advancements in technology. The discipline has also followed the recommendations from its advisory board in order to meet the demands of industry for an entry-level IT Technician.

Recommendations that require follow-up evaluation for next year:

Continue to evaluate Labour Market Data and Certificate and/or degree completions.

*Module C4 #4-Cite the source for Labour Demand data submitted. This will add 3rd party solidarity to the answer submitted. JG

*Module C4 #2 (since you answered yes to question #1) please provide information.

Recommendation that do NOT require follow-up evaluation for next year:

None. CMM

*There are many industry acronyms on this form. Please provide the full name/meaning for each acronym used.

*Elaborate a bit more on some of the answers given. That will help the college in providing/improving service in the areas mentioned and will also aid in better understanding your department's challenges/needs. Some questions that may need a bit more information are: Module B1 #9, Module B2 #2 and #3, Module C2 #1 and Module C4 #8.

*Establish a formal SLO assessment plan.

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline's Viability Status:

Reaffirm
Commendations:

This is a very good program review with emphasis on a variety of Health subjects all focusing on "life-long health and fitness". The review also focused on delivery modes, such as, on-line. The review spoke to the fact that through the distance ed delivery method Health classes could reach out to K-12 students, specifically mentioning the need for on-line counseling with live workshops, live "chat counseling" and recorded workshops.

SLO assessment and evaluation has been successful thus far and has resulted in recommendations regarding skills/knowledge to be assessed and tools use. Despite budget constraints, the department continues to provide students with knowledge vital to their personal wellness.

All applicable areas of the program review form were completed. The health department is diligently working on future plans to develop and implement the Kinesiology degree program in addition to engaging employers that are stakeholders in the areas of health including insurance companies. The department will need the appropriate budget to achieve some of their future goals to expand and/or rearrange the curriculum. The department has clearly stated their mission and has a proven track record of accomplishing those activities, such as, providing a life long learning to help our students and community to maintain health "bodies, minds and spirits". The faculty has also lead the way by introducing and training campus wide online instructional and student aids such as Moodle and other forms of online communication. Lastly, the department lends information to our students and community that is critical to sustain healthy lives and lifestyles.

Recommendations that require follow-up evaluation for next year:

Adopting new software (Moodle, Mahara) to existing curriculum and a budget needs to be in place for equipment and training. Health classes should be incorporated to complement the new Kinesiology conversion. JB

Recommendation that do NOT require follow-up evaluation for next year:

None

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline’s Viability Status:

Reaffirm
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Physical Education

Validation Team Members:
- Cynthia Morley-Mower, Dean
- Michael Wagenbach, Health/Physical Education instructor (Validation Team Member 1)
- Marilyn Maine, Program Review Co-Chair, Dept. Chair and instructor, Cosmetology (Validation Team Member 2)

Commendations:

This program review focuses on the challenges that the physical education discipline is facing from the State - funding physical education classes at the non-credit rate (cheaper) than at the credit rate. In addition by the year 2012 the District will not allow "P.E." classes to be offered unless they are under Kinesiology. The department plans to rewrite all of their curriculum under Kinesiology and then will be able to expand to offer a Certificate and Degree program with transfer to 4-year universities. The review also talks about the college's "on-again, off-again" approach to new facilities for their area. In the past, the plan was to provide the department with new facilities, including a track, new pool, gym, fitness center, but currently these plans appear to be in limbo and other remodel projects have moved ahead. The discipline wants to make the community and the college more aware of their commitment to "life-long wellness".

The physical education department pushes to educate students about the dangers of obesity, especially in its relationship to diabetes. This is positive and should continue to be emphasized.

The discipline is changing the PE has been perceived by expanding programs that incorporate certificates and a degree in Kinesiology. These programs will strengthen the community's awareness of life-long wellness. The discipline acknowledged that the Strategic Master Plan is lacking in addressing Wellness and Fitness as a strategic priority.

Recommendations that require follow-up evaluation for next year: None.

Recommendation that do NOT require follow-up evaluation for next year:

- Move the physical education department into the more science oriented Kinesiology is a positive move and should be pursed.
  - SLOs are at the awareness stage.
  - SLO assessment, analysis, evaluation and planning must continue to take place to address the issues and concerns stated in the reflection area.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Reaffirm
Department: Health/Physical Education

LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Physical Education (non-activity)

Validation Team Members:
- Cynthia Morley-Mower, Dean
- Dimitri Lagos, Health/Physical Education instructor (Validation Team Member 1)
- Marilyn Maine, Program Review Co-Chair, Dept. chair and instructor, Cosmetology (Validation Team Member 2)

Commendations:
This program review focuses on the historical aspects of Physical Education with a desire to create new classes in recreation, safety and sports, plus adding coaching and official training while also trying to add back in classes in adaptive and personal training. The program review cites the challenges such as the budget crisis and the decrease in the number of classes offered. The P.E. (non-activity) classes will also be re-written under the Kinesiology major.

Physical Education (non-activity) is one of the few disciplines that directly links to the college's mission statement in multiple ways. One, is is a graduation and transfer requirement. It also stresses life-long learning skills as well as providing vocational training which can lead to numerous career opportunities. In addition, Physical Education is directly linked to helping to combat one of the nation's growing epidemics in our society - Obesity. Lastly, it covers people of all ages and races. With the ageing population in America, physical education can and will continue to be a valuable educational tool to promote wellness and health throughout our community.

The change from PE to Kinesiology, plus the vision to offer coaching and official certifications, investigating new facilities and expanding class offerings is differently taking a leadership role. Kudos. The suggestion for additional public relations for events and program development will also help foster student success.

Recommendations that require follow-up evaluation for next year:
None.

Recommendation that do NOT require follow-up evaluation for next year:

Physical Education is a useful tool for outreach programs and educational purposes to be utilized within our community. According to the data, the demand for PE classes on this campus is great. By sponsoring health fairs and working in collaboration with local clinics and hospitals the PE department may be able to reach a whole new population of students wishing to learn more about their health.

The program's support of the college Strategic initiatives were not clear. SLO assessment is at the awareness stage. Continued SLO assessment and planning will foster changes.

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline's Viability Status:
Reaffirm
# LATTC Program Review 2010-2011

## Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Art

**Validation Team Members:**
- Vincent Jackson, Acting Chair of the Language Arts and Humanities department
- Ayesha Randall, Full-time instructor, Basic and Learning Skills department
- Jearold Mock, Full-time instructor, Speech

### Commendations:

For the past couple of years, despite budget cuts, the Art discipline's enrollment has remained solid. Students continue to enroll in Art courses to meet transfer requirements to CSU/UCs and private universities.

### Recommendations that require follow-up evaluation for next year:

- In January 2011, the Art discipline will be moving into the newly upgraded East wing of the A-Building. Within their new facility, faculty will be able to offer courses with more technologically enhanced subject matter which will better prepare students for transfer and content mastery.

### Recommendation that do NOT require follow-up evaluation for next year:

- One of the team members mentioned a possible Arts Club on campus. This is a good idea, but should this endeavor should move forward based on the priorities of the discipline.

### Final Approval: Approved to move forward to the department level

Yes

### Final recommendation on the discipline's Viability Status:

Reaffirm
LATTCC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: French

Validation Team Members: Vincent Jackson, Dean and Acting Chair for the Language Arts and Humanities Department.
Deirdre Wood, Articulation Officer & Speech Instructor
Marilyn Maine, Department Chair, Cosmetology

Commendations:
The French discipline has expressed a need for a Language lab supporting the LATTCC core competencies. The lab would be shared by all other language disciplines. Excellent idea for the usage of shared space and technology.

Recommendations that require follow-up evaluation for next year:
The discipline needed to report on their positive and negative external and internal factors. This type of analysis will result in implementing plans that ultimately relates to their student success. Also, it’s been recommended that the department continue to monitor FTES in this discipline. There were a number of semesters in which final enrollment slipped below 15.

Recommendation that do NOT require follow-up evaluation for next year:
The discipline's SLO assessment is currently at the awareness stage. SLOs need to be assessed and documented to begin the planning and improvement cycle. Assessment results need to be reviewed and shared by all faculty within the department of Language Arts and Humanities.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status:

Yes
Reaffirm
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Humanities

Validation Team Members: Vincent Jackson, Dean and Acting Chair for the Language Arts and Humanities Department.
Gary Szymanski, Art Instructor
Joseph Ratcliff, Health and Physical Education Instructor

Commendations:

Their program review has established some areas of concern that the department can now hopefully begin to address, that include 1) Student preparedness; 2) Communication or mis-communication of counselors with the transferability of Humanities 2 and 3 to the university level; 3) The use of improved instructional presentation devices such as digital projectors that will assist faculty. The usage of technology seems to be huge part of the purpose of Program Review. Now, it’s up to the discipline to decide how they will address these issues in Phase 2 (Resource Allocation request) in order to meet future discipline plans.

Recommendations that require follow-up evaluation for next year:

Meet with counselors so they are aware of the transferability of Humanities 2 to help increase class enrollments!
Were meetings with the Basic Skills arranged to make avenues available for students who enter the class with less than standard writing skills.
Digital projectors should be included in their resource request section of Program Review in order to improve the quality of their instructional presentations.

Recommendation that do NOT require follow-up evaluation for next year:

Hiring of new faculty or adjuncts should be based on data that shows large classes and a large demand for these classes. I would recommend to provide statements that indicate a plan for this GROWTH that would provide the data needed to then request additional faculty.

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline’s Viability Status:

Reaffirm
Discipline/Program/Unit: **Music**

Validation Team Members: Vincent Jackson, Dean  
Carolie Parker-Lopez, Humanities Instructor

Commendations:

Music course are aligned with the LATTC core competencies. Overall, within the Music discipline, enrollments are in the mid thirties. Music classes continue to meet the transfer and AA/AS degree requirement and helps to balance our student community's overall academic and vocational course load.

Recommendations that require follow-up evaluation for next year:

Currently, the discipline is taught by adjunct faculty and there has been great interest in pursing a full-time instructor within this discipline and to develop a Music Program at LATTC. Given that our sister college's already have full blown Music Programs, it's not likely that a Music program will be offered at LATTC.

Recommendations that more lecture type courses within the Music discipline be offered such as: Music Appreciation and Jazz Appreciation which will prove higher FTES ratios for the college.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:
**LATTC Program Review 2010-2011**  
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Philosophy  
**Validation Team Members:** Vincent Jackson, Dean  
Renatta Buscaglia, Spanish Instructor  
Linda Delzeit, Online Course Program Director

**Commendations:**

Philosophy courses continue to provide educational opportunities for students who want to improve their critical thinking acumen and also provides a basis to obtain Humanities credit toward the completion of an AA degree, or transfer to a CSU/UC.

Student enrollments have always been healthy.

**Recommendations that require follow-up evaluation for next year:**

Despite the fact that the discipline of Philosophy is a discipline not a program, the discipline needs to be proactive in the Program Review - Phase 2 process which involves request for resources such as supplies, equipment, etc.

More emphasis needs to be included on what upgrades or changes the discipline wants to have going forward.

**Recommendation that do NOT require follow-up evaluation for next year:**

The discipline didn't address the issue of online Philosophy course offerings. The Philosophy discipline is well-suited for online instruction and there is a need by the students and the college for this development. I encourage the discipline to examine this area.

I would also encourage the development of Moodle support areas for on campus courses.

**Final Approval:** Approved to move forward to the department level  

**Final recommendation on the discipline's Viability Status:** Reaffirm
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Spanish

Validation Team Members:
- Vincent Jackson, Dean & Acting Chair of the Language Arts and Humanities Department
- Sondra Shackleford, Cosmetology Instructor
- Dr. John Glavan, Speech Instructor

Commendations:

The Spanish discipline has connected LATTC’s mission statement to the component of lifelong learning and meeting the needs of today's diverse student population.

The Spanish discipline has also connected the school's mission statement to the current economic status and job growth to a global economy.

The discipline recognizes the need for new technology in the classroom to increase student success in mastering the Spanish language by allowing students to use the latest technology to reinforce lessons at their own pace.

Recommendations that require follow-up evaluation for next year:

Recommendation that do NOT require follow-up evaluation for next year:

Continue to follow up for Spanish tutors and technology in the proposed language lab to optimize student learning outcomes.

This discipline's SLO's assessment is currently at the awareness stage. Keep faculty aware of the discipline's plans to improve and how assessment and solutions will align with student success.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Reaffirm
Discipline/Program/Unit: Speech

Validation Team Members: Vincent Jackson, Dean & Acting Chair of the Language Arts and Humanities Department
Hernan Quinones, Spanish Instructor
Joseph Ratcliff, Health & Physical Education Instructor

Commendations:

The Speech discipline provided a well thought out mission, purpose and alignment statements. Their suggestion for use of the term "progressive" in the Strategic Master Plan is commendable.

According to one of the team evaluators, he believed one of the greatest attributes to the Program Review is their FTEF/FTES figure. The Speech faculty have done a good job of filling classes with limited instructors. The group has a good understanding of it's discipline mission and it's relation to the College's, although he believes that the discipline needs to stress graduation and transfer more.

Recommendations that require follow-up evaluation for next year:

The discipline should report on how the positive factor of creating a "Speech Club" compensates for the difficulties generated by the budget crises in offering sections of Speech classes.

The department chair will need to follow up to ensure that the Speech faculty has received the appropriate training using the technology in the Smart classrooms given that the technology is available to them in their new TE building classrooms.

Recommendation that do NOT require follow-up evaluation for next year:

Have the chair and Speech faculty work closely to address the retention rate issue within Speech. What can be done to improve the retention ratios? There seems to be better success in the Winter and Summer which are our short-term sessions. Is there any relationship toward possible offering Speech courses in an 8-week short-term format?

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status: Reaffirm
LATTCC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Theater

Validation Team Members:
- Vincent Jackson, Dean & Acting Chair of the Language Arts and Humanities Department
- Marilyn Maine, Department Chair, Cosmetology
- Pamela Herbert, Art Instructor

Commendations:
The Theater program has maintained a steady enrollment pattern through the past years even with the lack of a full-time instructor and limited course offerings. An increase in women enrolling has been seen while there has been a balance in ethnic groups seeking the courses.

The discipline is focused on technology in the classroom and online courses supporting instructional delivery modes.

Recommendations that require follow-up evaluation for next year:

- Course offerings should be expanded and a full-time instructor should be considered for the development of Theater from a discipline to a program at the college. With the completion of the Grand Theater in the A building, new ideas for student and community involvement should be addressed.

- Mission statement doesn't relate directly to the Theater Arts (generic in scope).

- Improvement in the program/discipline practice from the PRU were not stated.

Recommendation that do NOT require follow-up evaluation for next year:

- Theater should be moved to more updated classrooms with more modern equipment.

- SLOs are at the awareness stage. SLO assessment and planning must be implemented and ongoing for planned improvements.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status: Reaffirm
**LATTCC Program Review 2010- 2011**

Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Astronomy

**Validation Team Members:**
- Vincent Jackson, Dean
- Dr. Timothy Denton, Biology Faculty
- Marissa Pantastico-Caldas

**Commendations:**

Even though Astronomy is currently a stand-alone, the courses have assisted many students on transferring to our private university affiliate USC.

Astronomy courses continue to be offered online which is a great instructional option that could bring in more transfer interested students to the college.

**Recommendations that require follow-up evaluation for next year:**

One recommendation which would better connect the Astronomy courses within the Science program would be to offer the courses as elective options with the other Science Department degree programs and certificates.

The Astronomy discipline review could be greatly improved by listing specific technical skills students develop while taking the courses, for example, use of telescopes, computer software needed for Astronomy studies.

**Recommendation that do NOT require follow-up evaluation for next year:**

**Final Approval:** Approved to move forward to the department level

**Final recommendation on the discipline’s Viability Status:**

Yes

Reaffirm

12/9/2010
LATTC Program Review 2010- 2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Biology

Validation Team Members: Vincent Jackson, Dean
Dr. Rita Weingourt, Department Chair Allied Health/Nursing
Dr. Karl Houben, Probationary Tenured Faculty, Chemistry

Commendations:

The Biology department supports the LATTC Core Competencies. The Biology discipline in the Science department is one of the strongest departments. Their three, five, and 10 year vision are well stated: More online course offerings; and AA and/or AS degree in Biology and a certificate in Biotechnology. In 10 years, Biology wants to be a comprehensive discipline that offers classes for transfer, for AA/AS degree, and classes that meet all prerequisite requirements for all biology major and pre-allied health studies.

Recommendations that require follow-up evaluation for next year:

The Biology department needs more classroom, labs, and full-time faculty to expand their program. Currently, they have a shortage of staff (one biology lab technician for all biology and microbiology classes), a small budget for all supplies, and facilities issues (only two classrooms/labs for all biology and microbiology classes).

Renovation of the K-building as soon as possible, resulting in a larger number of classrooms, labs, and offices for the program.

Recommendation that do NOT require follow-up evaluation for next year:

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:

Reaffirm
Chemical Technology

Validation Team Members:
Vincent Jackson, Dean
Fred Padilla, Physics Instructor
Stacy Damaso, Culinary Arts

Commendations:
Chemical Technicians (CT's) play a key role on chemical/industrial teams, in plant operations and focuses heavily on "applied" scientific experimentation and research.

Students in their third semester receive scholarships and book grants from its industry partners and alumni. One of the Chem. Tech faculty was awarded the BPAAN award for excellence in the field.

The Chemical Technology program advisory council has been strengthened by the increase of companies/divisions represented and by the expansion of the California Chemical Process Technical Career Alliance which is a statewide alliance.

Recommendations that require follow-up evaluation for next year:

- Provide funding for travel that will allow instructors to become current in the field. Continue to foster a healthy partnership between LATTC and our industry partners.
- Establish improved safety guises that will better safeguard the departments equipment. Several pieces of equipment was stolen this past year which included laptops and projectors.

Recommendation that do NOT require follow-up evaluation for next year:

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline's Viability Status:
Reaffirm
LATTC Program Review 2010- 2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Chemistry

Validation Team Members: Vincent Jackson, Dean
Stacy Damaso (Culinary Arts)

Commendations:

This past summer, the Chemistry discipline was part of the first STEM Academy in which we had 68 high school students take Chemistry 65.

One of the disciplines industry partners, Jet Propulsion Laboratory (JPL) present an award as part of the JPLUS annual award ceremony.

The discipline also sends students to participate in Cal State University @ Los Angeles' Summer Research program.

A great number of students, upon completion of coursework at LATTC directly pursue professional schools, in pharmacy, medicine, dentistry, physician assistant, and other health or physical sciences.

The discipline also has an active Science club that keeps student motivated in their studies.

Recommendations that require follow-up evaluation for next year:

- Major upgrades are needed for the K-building, making it a more conducive environment for teaching. Need for a newly upgraded Science building with six chemistry lab and at least four additional full time faculty.

- Need of smart classrooms. This will increase enrollment while also allow faculty to infuse more creativity in the classrooms.

Recommendation that do NOT require follow-up evaluation for next year:

N/A

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline's Viability Status:

Reaffirm
**LATTC Program Review 2010- 2011**
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Engineering, General

**Validation Team Members:** Marissa Pantastico-Caldas, Biology faculty
Vincent Jackson, Dean

**Commendations:**

The review appropriately identified that the best way to recruit students to enroll in the discipline's engineering courses is to offer a degree or certificate program in some field of engineering.

Discipline faculty have joined forces with Science related disciplines in the LACCD to discuss viable options of an Engineering & Computer Technologies program - 10/22/10 hosted at LA Trade Tech.

In the absence of the program, however, there will continue to be problems recruiting students.

**Recommendations that require follow-up evaluation for next year:**

1. There was no data starting Fall 2009/10 on student enrollment which presumably meant that no engineering course was offered during that period.

2. The discipline needs a detailed plan for effective recruitment of students who will enroll in the engineering courses right now, even before they are able to develop an engineering degree or certificate program.

3. Develop as soon as possible a two-year engineering program that would either allow students to join the work force immediately (possibly as majors of Engineering Technology) or prepare students for transfer to BS Engineering degrees in universities (possibly as majors of AA in General Engineering).

4. Currently, Engineering 101 course a recommended elective for Process Plant Technology, but needs to be aligned with more CTE programs in the Sciences OR develop a solid Engineering program option as stated in item 3.

**Recommendation that do NOT require follow-up evaluation for next year:**

**Final Approval: Approved to move forward to the department level**

**Final recommendation on the discipline's Viability Status:** Warning
LATTTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Environmental Science

Validation Team Members: Vincent Jackson, Dean
Ron Jackson, Instructor

Commendations:
This course is one of the online instructional options for the Sciences department. Enrollment has been steady in the mid thirties for over three years.

Recommendations that require follow-up evaluation for next year:
Currently, this course is a stand alone course within the Science program and isn't connected in anyway to any of the Science degree or certificate programs at LATTTC. If the department fails to infuse this course to at least an elective status, this course should be archived.

Moreover, the articulation status with our feeder CSU/UCs needs to be improved. It has been recommended by the LATTTC Articulation officer that the course outline be updated and resubmitted to the Curriculum Committee so that the course can be articulated to four-year universities.

Recommendation that do NOT require follow-up evaluation for next year:

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status:

Yes
Warning
LATTC Program Review 2010-2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Geography

Validation Team Members:
Vincent Jackson, Dean
Dimitri Lagos, Director of Athletics and Faculty Health & Physical Education
Dr. Beatriz E. Ruiz-Silva, Chemistry Instructor

Commendations:
Enrollments have been in the high thirties for more than three years now and is currently taught by an adjunct instructor. Currently, the course seems to be in demand toward meeting transfer requirements for our students.

Recommendations that require follow-up evaluation for next year:
The Mission of this one course discipline should be evaluated. Data on retention, attrition, and transfer of students needs to be further evaluated in order to justify offering this course in the future.

Recommendation is that Geography courses be offered once a year in opposite semesters when Geology will be offered. Both courses meet the same AA/AS degree and transfer credit requirement and should not be offered in competition with one another. This will ensure that enrollments remain high for the future.

Recommendation that do NOT require follow-up evaluation for next year:
None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status:
Reaffirm
Discipline/Program/Unit: Geology

Validation Team Members: Vincent Jackson, Dean
Dimitri Lagos, Director of Athletics and Faculty Health & Physical Education

Commendations:

The course aligns itself with the college's Strategic Master Plan's mission by providing a transfer option for students wishing to make higher education a part of their life-long educational goal.

Recommendations that require follow-up evaluation for next year:

After evaluating the date it's apparent that Geology is filled to capacity and opening more sections would definitely benefit the students by creating more opportunities for the them while also fulfilling both a transfer requirement and a graduation requirement.

Look into what factors really impact retention in the Saturday 8:30 am course offering.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level

Yes

Final recommendation on the discipline's Viability Status:

Reaffirm
**Discipline/Program/Unit:** Microbiology

**Validation Team Members:**
- Vincent Jackson, Dean
- Marilyn Maine, Department Chair, Cosmetology

**Commendations:**
The discipline stated clear and concise issues: fostering better communication between Allied Health & Nursing, offering new section of classes as part of the AA/AS degree in Biology, hiring full-time faculty, and renovation laboratory and facilities toward increasing enrollment. All very positive goals for the discipline.

**Recommendations that require follow-up evaluation for next year:**
- Revisit the alignment of the discipline's Mission and the College's Mission.

**Recommendation that do NOT require follow-up evaluation for next year:**
- SLOs and assessment for this discipline are currently at the awareness stage. SLO assessments and planning will support coordination with full and part time faculty.

**Final Approval:** Approved to move forward to the department level

**Final recommendation on the discipline's Viability Status:** Reaffirm
LATTC Program Review 2010- 2011
Validation Report - Program/Discipline/Unit Level

Discipline/Program/Unit: Physics

Validation Team Members: Vahak Harutunian, Chemical Technology Instructor
                          Vincent Jackson, Dean

Commendations:
- Discipline provides a high quality of technical and academic training in preparation for transfer.
- Physics courses meet the Physical Science requirement - Area 5 under UC/CSU IGETC.

Recommendations that require follow-up evaluation for next year:
1. Need to ensure that course outlines are updated and maintained so that our CSU/UC articulation affiliations are properly aligned.
2. Discussion must take place regarding appropriate laboratory challenge exams.

Recommendation that do NOT require follow-up evaluation for next year:
None.

Final Approval: Approved to move forward to the department level

Final recommendation on the discipline’s Viability Status: Reaffirm
**LATTC Program Review 2010-2011**  
Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Process Plant Technology

**Validation Team Members:** Marissa Pantatisco-Caldas, Biology Faculty  
Vincent Jackson, Dean

**Commendations:**

It is amazing how much a program can accomplish despite limited resources from our college. As was pointed out in the review, however, assistance from the industries themselves will not always be available at the same level in the future. The recent approval of the sister program Process Technology can attest to the determination of this program to provide present and potential students the best training they could get to become competent Process Plant Technicians.

Dramatic increases in enrollment the past couple of years could serve as a spring board to launch wide-scale advertising of the program not only to our students but to all potential students in the communities we serve.

The program's strong affiliations with business and industry has develop a number of student scholarships, internships, and permanent employment for our students. These same students have come back to Trade as mentors to support students who are currently in the Process Plant and Chemical Technology programs.

**Recommendations that require follow-up evaluation for next year:**

Relying heavily on one full-time faculty from CT to work with adjunct Process Plant Tech faculty is not sustainable in the long run, especially with a new Process Technology program being instituted next school year. There should be at least one other full-time faculty who would have expertise in process technology, particularly in green technology. This full-time faculty would also take the lead in evaluating and updating existing curricula and proposing more up-to-date courses.

The program needs to clarify how Process Plant Technology and Process Technology programs differ because the two fields appear so similar. Instead of ending up competing for the same set of students, the two programs should be advertised as alternative choices that complement each other to attract more students to both programs. It may also help to inform them of the benefit of double major as option for them. One option should be to develop separate web pages to show the differences, but also to provide web links that show the similarities.

**Recommendation that do NOT require follow-up evaluation for next year:**

None.

**Final Approval: Approved to move forward to the department level**  
Yes

**Final recommendation on the discipline's Viability Status:**  
Reaffirm

12/9/2010
Discipline/Program/Unit: Solid Waste Management

Validation Team Members:
- Vincent Jackson, Dean
- Dr. Timothy Denton, Biology Instructor

Commendations:
- Solid Waste Management is very aware of its role in environmental stewardship. The Solid Waste Management Program has a strong advisory board presence in connection with the Process Technology program at LATTC.

Recommendations that require follow-up evaluation for next year:
- Provide numbers of student interns within advisory board affiliates in order to see the matriculation of students from the classroom to the world of work.

Recommendation that do NOT require follow-up evaluation for next year:
- For the future, program needs to list resource request in order to keep the program current.

Final Approval: Approved to move forward to the department level
- Yes

Final recommendation on the discipline's Viability Status:
- Reaffirm
Supply Water Technology

Validation Team Members:
Dr. Martin Diaz, Chemistry Instructor
Vincent Jackson, Dean

Commendations:

Section A. Mission
Supply Water Technology did in fact supply their mission, purpose, and alignment for the program.

Section B. Comprehensive Program Review Modules
Strategic Master Plan:
Supply Water technology aligns well with what LATTC is all about. It supports all the core competencies of the school and allows for a direct transition of student to employment. It does however needs more support in providing the complete set of advance courses to complete the program.

Program has continued to function without a full-time instructor.

Recommendations that require follow-up evaluation for next year:

Allow the reorganization courses to suit the needs of the students and staff. Provide the required resources to allow for a complete offering of all courses so the program can flourish. Follow up on the assessment of SLOs and PLOs. Look at providing a full-time instructor for the program.

Prepare a future course offering grid that would be put online or in the schedule of classes so that students will know when classes are going to be offered in the future.

Better description of the program and their needs in next year's program review so to better help the program.

Look at offering classes in an 8-week format so more students can move through the program.

Recommendation that do NOT require follow-up evaluation for next year:

None.

Final Approval: Approved to move forward to the department level
Yes

Final recommendation on the discipline’s Viability Status:
Reaffirm
**Sciences**

**LATTC Program Review 2010-2011**

Validation Report - Program/Discipline/Unit Level

**Discipline/Program/Unit:** Waste Water Technology

**Validation Team Members:**
- Vincent Jackson, Dean
- Elton Robinson, Cosmetology Instructor

**Commendations:**

The discipline recognizes that student preparedness is basic in knowledge coming from high school or as a returning students, as well as the necessity of math as a prerequisite.

**Recommendations that require follow-up evaluation for next year:**

Create a plan and time line to develop SLOs for future assessments.

**Recommendation that do NOT require follow-up evaluation for next year:**

Try to answer all questions for college feedback and assessment. The discipline is in the awareness stage.

**Final Approval: Approved to move forward to the department level**

Yes

**Final recommendation on the discipline's Viability Status:**

Reaffirm