

Program Efficacy Report Spring 2013

Name of Department: Inspection Technology

Efficacy Team: Andee Alsip and Melinda Moneymaker

Overall Recommendation (include rationale): **Conditional**

Recommendation: Conditional.

Page 16 under challenges has a well-constructed chart of the flow of curriculum with the new Plan Reading and Introduction to Construction and Building Materials in an excellent format demonstrating the commitment to the improved plan of course work. The program is hurting for the want of support, faculty, marketing and a better on-line presence. In the world arena, the building inspector is a very important position in the maintenance and building of the places where we live and work. Without them construction cannot progress.

Strategic Initiative	Institutional Expectations	
	Does Not Meet	Meets
Part I: Access		
Demographics	<i>The program does not provide an appropriate analysis regarding identified differences in the program's population compared to that of the general population</i>	<i>The program provides an analysis of the demographic data and provides an interpretation in response to any identified variance. If warranted, discuss the plans or activities that are in place to recruit and retain underserved populations.</i>

Efficacy Team Analysis and Feedback: Meets

Inspection technology has a detailed analysis of its' demographic data and insight into the needs of the program. Historically this is a man's' field with a plywood ceiling. It is difficult to attract women to the field. The courses are non-traditional with no full-time faculty. Their numbers reflect the slump in construction county wide. Progress has been made in attracting African American student to the program by half since 2009. The number of women on campus has increased by 2%, but the number of women interested in inspection technology has shrunk by 3%.

Traditionally home inspection is very physical work. They examine structural quality, home systems including roofing, exterior, foundations, and interior, plumbing, electrical and heating and cooling systems.
Access: there is a need for faculty that is available in the daytime or weekends and women faculty to role model the profession. There is a need for African American faculty to lead out and role model for students.

Marketing: There are jobs in city and government which deals with the approval plan. This might be an area for women to find opportunity. The construction and remodeling field is recovering. The blue-print reading course is being updated and made more robust. A new course is in creation "Introduction to Construction and Building Materials." This course could have universal appeal.

Pattern of Service	<i>The program's pattern of service is not related to the needs of students.</i>	<i>The program provides <u>evidence</u> that the pattern of service or instruction meets student needs. If warranted, plans or activities are in place to meet a broader range of needs.</i>
<p>Efficacy Team Analysis and Feedback: shaky meets. Students can enter the program at any point. There are 3 courses offering that cycle each semester. These are after 6pm classes lead my working adjuncts in the construction field. A Saturday morning class just began and will need time to see any impact enrollment as the word gets out. It would be ideal to have a retired inspector that could be a daytime faculty and mentor in Inspection Technology. This might be a hybrid program in the future. But distance education is not on the radar. An updated website might serve the students.</p>		
Part II: Student Success		
Data demonstrating achievement of instructional or service success	<i>Program does not provide an adequate analysis of the data provided with respect to relevant program data.</i>	<i>Program provides an <u>analysis</u> of the data which indicates progress on departmental goals. If applicable, supplemental data is analyzed.</i>
<p>Efficacy Team Analysis and Feedback: meets The program is not served with 3 deans in 3 years and the 4th and current dean is also the department head. The FTEF has remained steady at 1.2. Retention and success are good 95% and 84% respectively. The students stay until they complete their certificates in their areas. The practitioner faculty brings their experience directly to the students on a day to day basis. Goals: get faculty, define course entry points around new materials course. Build internships for students to acquire field experience. There are no labs. Develop standard lesson plans.</p>		
Student Learning Outcomes and/or Student Achievement Outcomes	<i>Program has not demonstrated that they have made progress on Student Learning Outcomes (SLOs) and/or Service Area Outcomes (SAOs) based on the plans of the college since their last program efficacy.</i>	<i>Program has demonstrated that they have made progress on Student Learning Outcomes (SLOs) and/or Service Area Outcomes (SAOs) based on the plans of the college since their last program efficacy.</i>
<p>Efficacy Team Analysis and Feedback: does not meet The curriculum is in revision. SLO are in flux. Preparation for updated SLO will be assessed starting in fall 2014. Program continuity has been lost. The current dean is a civil engineer by degree and well suited to the building code conversation that will revamp the program along with the practitioner faculty. The program has a certificate and a degree available.</p>		
Part III: Institutional Effectiveness		
Mission and Purpose	<i>The program does not have a mission, or it does not clearly link with the institutional mission.</i>	<i>The program has a mission, and it links clearly with the institutional mission.</i>
<p>Efficacy Team Analysis and Feedback: The program provides training in all facets of construction, based on Title 24 California Code of Regulations of State Building Code. The students are self- selecting and seeking certificate path to a well-paying career Path in Inspection Technology. They keep us safe from substandard and dangerous living and working spaces.</p>		
Productivity	<i>The data does not show an acceptable level of productivity for the program, or the issue of productivity is not adequately addressed.</i>	<i>The data shows the program is productive at an acceptable level.</i>

<p>Efficacy Team Analysis and Feedback: does not meet. Enrollment waxes and wanes with the construction market. An increased enrollment of the last 4 years may reflect the return to basics for construction workers. The housing bubble faded. Productivity is low for lecture only classes. The program needs full time faculty and possibly stipends to adjuncts to assume department duties. FTES is at an all-time low of 13 (down from 17.9 in 2011-12).</p>		
<p>Relevance, Currency, Articulation</p>	<p><i>The program does not provide evidence that it is relevant, current, and that courses articulate with CSU/UC, if appropriate.</i></p> <p><i>Out of date course(s) that are not launched into Curricunet by Oct. 1 may result in an overall recommendation no higher than Conditional.</i></p>	<p><i>The program provides evidence that the curriculum review process is up to date. Courses are relevant and current to the mission of the program. Appropriate courses have been articulated or transfer with UC/CSU, or plans are in place to articulate appropriate courses.</i></p>
<p>Efficacy Team Analysis and Feedback: meets. All active courses are current and due for review in fall 2015. Current updates are to reflect the change in California codes and align with industry needs. This is a vocational program. INSPEC 098 is a work experience course not currently offered due to FTES cutbacks. Badly needed.</p>		
<p>Part IV: Planning</p>		
<p>Trends</p>	<p><i>The program does not identify major trends, or the plans are not supported by the data and information provided.</i></p>	<p><i>The program identifies and describes major trends in the field. Program addresses how trends will affect enrollment and planning. Provide data or research from the field for support.</i></p>
<p>Efficacy Team Analysis and Feedback: meets. The trend is to implement California specific codes and leave national and International Codes out. State Certification is granted to students proficient in codes. Housing is up by 10%. The program hopes to grow with the economy.</p>		
<p>Accomplishments</p>	<p><i>The program does not incorporate accomplishments and strengths into planning.</i></p>	<p><i>The program incorporates substantial accomplishments and strengths into planning.</i></p>
<p>Efficacy Team Analysis and Feedback: shaky meets. Despite shoddy management in the past, the program seems to meet the needs of the community. Inspectors are always needed. A great strength is the qualifications and experience of the part-time faculty that are out in the industry. They should be ready for a formal Industrial Advisory Board meeting in 2014.</p>		
<p>Weaknesses/challenges</p>	<p><i>The program does not incorporate weaknesses and challenges into planning.</i></p>	<p><i>The program incorporates weaknesses and challenges into planning.</i></p>
<p>Efficacy Team Analysis and Feedback: meets. The challenges include but are not limited to:</p> <ul style="list-style-type: none"> • No full time faculty or a department chair • No prerequisites defined to maximize student success. • No labs to practice inspecting. • Student enrollment cycles with the fluctuation of the industry 		
<p>Part V: Technology, Partnerships & Campus Climate</p>		

	<p><i>Program does not demonstrate that it incorporates the strategic initiatives of Technology, Partnerships, or Campus Climate.</i></p> <p><i>Program does not have plans to implement the strategic initiatives of Technology, Partnerships, or Campus Climate.</i></p>	<p><i>Program demonstrates that it incorporates the strategic initiatives of Technology, Partnerships and/or Campus Climate.</i></p> <p><i>Program has plans to further implement the strategic initiatives of Technology, Partnerships and/or Campus Climate.</i></p>
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Efficacy Team Analysis and Feedback: meets. The program is the red-headed step child of the Campus. All adjunct faculty work in the industry. Some graduates of the program are hired by these experts into their organizations. The program is working to incorporate Green Building Codes. This can make the students very competitive upon completion.

Part VI: Previous Does Not Meets Categories	
<p><i>Program does not show that previous deficiencies have been adequately remedied.</i></p>	<p><i>Program describes how previous deficiencies have been adequately remedied.</i></p>

Efficacy Team Analysis and Feedback (N/A if there were no “Does not Meets” in the previous efficacy review): Acknowledgement.

The demographics are more reflective of the industry rather than the campus. Pattern of service is relative to the availability of faculty. They need a larger profile on the ground and on line. The mission is on-going. They need to execute a marketing plan. Productivity is low. The classes should enroll 30-40 students to raise the WSCH/FTEF. Curriculum is being upgrade and brought up to code.