

Maisha Jameson

From: James W. Sullivan
Sent: Tuesday, June 17, 2014 7:54 AM
To: Maisha Jameson; jsull1959@pacbell.net; charlesdarryl@gmail.com
Cc: James W. Sullivan
Subject: FW: ADD'L DOC.: REQUEST FOR PROPOSALS: Peralta Accountability for Student Success (PASS) Fund for Innovation
Attachments: Laney College Student Success Project 2014.docx
Importance: High

Ms. Jameson,
Please consider this **Broadband Technology Degree** proposal for the PASS Fund for Innovation project.

Thanks

James Sullivan
ECT Instructor
510 331-1070

From: Maisha Jameson On Behalf Of Laney President
Sent: Wednesday, June 04, 2014 5:00 PM
To: Laney-FAS
Subject: ADD'L DOC.: REQUEST FOR PROPOSALS: Peralta Accountability for Student Success (PASS) Fund for Innovation

Apologies...

Please find attached an additional document that was intended to be sent out with this announcement →
"Laney College Student Success Planning Framework Draft"

From: Maisha Jameson **On Behalf Of** Laney President
Sent: Wednesday, June 04, 2014 2:52 PM
To: Laney-FAS
Subject: REQUEST FOR PROPOSALS: Peralta Accountability for Student Success (PASS) Fund for Innovation
Importance: High

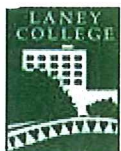
Greetings All,

Per the Chancellor's message on May 14th in which he announced Peralta's new fund for innovation, PASS, the Peralta Accountability for Student Success, I am following-up to solicit formal requests for funding for the 2014-15 school year. Please note that although the District's deadline is June 30th, **the deadline to submit your requests to my office is June 16, 2014.**

Please find attached the following:

1. Information on PASS
2. The Laney College PASS Funding Request Form
3. Background information on the Student Success and Equity Plans (both due in Fall 2014)

Please also note that ideas for strategies to address student success were also shared at our College-wide End of the Year Retreat last week. Input gathered there will also be taken into consideration, and the final plan for Laney College that is presented to the Chancellor may consist of a consolidation of the proposed ideas/strategies that are submitted.



Elnora

Elnora T. Webb, Ph.D.
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Oakland, CA 94607
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-----Original Message-----

From: announcement
Sent: Wednesday, May 14, 2014 4:27 PM
To: Announcements
Subject: Message From the Chancellor: Peralta Accountability for Student Success (PASS) Fund for Innovation

Colleagues,

I am pleased to announce Peralta's new fund for innovation, PASS, the Peralta Accountability for Student Success.

With the new PASS program each college will receive a significant amount of money from Peralta's Measure B parcel tax to fund innovative ideas that support high quality programs leading to student success. These programs must adhere to the Measure B ballot language, which specifically states that funds can be used for three areas:

- A. Protect and maintain core academic programs including math, science, and English;
- B. Train students for successful careers; and
- C. Prepare students for transfer to four-year universities.

In addition to academic and educational programs, I also want to consider innovative approaches that include technology and facilities improvements that lead to enhancements to the three areas noted above.

Each college president has been requested to prepare project proposals to be funded from Measure B proceeds. PASS funding can be used for single-year or multi-year projects. The proposals should be submitted to me by your college president no later than June 1st.

I have attached a detailed process for incorporating PASS funding into college budgets for the 2014/15 fiscal year. The process includes the amounts each college is to receive and reporting requirements. I look forward to reviewing the college proposals in June.

Thank you for contributing to the success of our students.

José M. Ortiz
Chancellor

PLEASE DO NOT "REPLY" TO ANNOUNCEMENTS. IF YOU WISH TO COMMENT ON A POSTER'S MESSAGE, RSVP OR ASK QUESTIONS, PLEASE CLICK THE "FORWARD" BUTTON AND FORWARD YOUR RESPONSE TO THE POSTER'S ADDRESS. DO NOT USE "REPLY."

POSTERS: PLEASE INCLUDE YOUR CONTACT INFORMATION IN YOUR POST.

Laney College Student Success Project 2014-15

Funding Request Form

Name of the Project: **Associate Degree Program and Certificate Programs
Broadband Technology and Communication**

Purpose/Rationale of the Project

Through our program you can complete a college degree and securing opportunities for your professional growth in the broadband and telecommunications industries. The Associate of Applied Science degree allows Laney students to build a degree to suit their specific career goals in the broadband and/or telecommunications industries. The degree allows students to combine courses from a specific certificate track that is based on industry-specific competencies, with electives and general requirements. To begin, the student completes a Laney certificate from one of the three degree emphases. Then the student combines the certificate with general education courses, major courses and restricted electives to earn a minimum of 60 credit hours. The result is a versatile, professional degree that demonstrates both job-specific expertise and general business knowledge. Upon completion, those who wish to continue their studies may be accepted as juniors to a University.

Keep in mind that while most courses are available anytime, others are only offered once per year.

- To close the achievement gap through targeted student enrollment, instruction and instructional support services to better serve disadvantaged students residing within the boundaries of the District, Laney College will aggressively utilize community based and professional organizations such as local church organizations, One Stop Career Center, high school counselors, etc. to continuously recruit students for enrollment in one of our degree or certificate programs. While recruiting high school students of color and Latino decent through classroom and student clubs presentations, developing and disturbing promotional materials, attend college fairs (WACAC and NACAC) and networking with professional organizations (NSBA, NABA, etc.), we will also seek to build relationships with businesses and collaborate with business owners to refer students to Laney for staff development and career advancement training that serve as an ally for job specific expertise, general business knowledge and job placement.
- To fulfill or expand a student support program that is not fully funded by the District BAM, Laney College will partner with Career Now Supportive Services or other local non-profits, to provide supportive services, counseling, and educational planning to students that are enrolling to earn career technical certificates, transfer preparation into a four year university, or career advancement. Supportive services include transportation assistance, child care services, and career counseling. Once the students are enrolled, Career Now will assign them a counselor that will follow-up with each student on academic performance. Create peer mentoring program and internship. This partners students with a professional in their desired field to help show them the ropes and provide on-the-job training. An application and interview would be required.

Project Design

This project will train students for successful careers and prepare students for transfer to four-year universities. The courses will also protect and maintain core academic programs including math, computer science and English.

With the PASS funding, this project will add a Broadband Technology Associate Degree and Certificate program that will transfer to one of our affiliate four year Degree program universities. The program will utilize (3) existing E/ET courses scheduled for Fall 2014 instruction and purpose (6) new courses developed in compliance with state curriculum to satisfy CSU transfer requirements.

Broadband Technology Concentration Core Courses

1. Installer (Cabling Technician) (Existing E/ET 206) 4 unit *Fall 2014 schedule*

Teach basic inside wiring, Local Area Networking, cabling color code and connectors for various types of wiring needs. Teach the proper procedures for performing aerial, underground and interior cable installations. LAN installation, testing and certification.

2. Installer Technician (Sound and Communication Technology) (Existing E/ET 225) 3 units *Fall 2014 schedule*

Teach CATV signal level fundamentals, test equipment, signal leakage detection procedures, and servicing single and multiple dwelling unit drops.

3. System Technician (Introduction to PC Hardware and Software for Building Technicians) (Existing E/ET 37) 3 units *Fall 2014 schedule*

Introduction to computer hardware and software: Practical computer skills, including computer components and functions; basics of Windows competency and file structure system; Excel, Visio and databases; Internet protocols and Ethernet cabling basics

4. Service Technician 4 units

Provides knowledge of how to activate, test and troubleshoot the RF trunk system. Covers RF trunk and distribution amplifier theory of operation and includes testing and measurement standards, and procedures.

5. Fiber Testing and Maintenance 2 units

Provides the student with an understanding of the application of fiber optic theory. The course will concentrate on the test equipment and procedures necessary to perform test and turn-up for new Fiber Optic links, troubleshoot service outages, and restoring fiber optic links to their original standards.

6. Fiber Installation and Activation 2 units

Provides the student with current information on the development of fiber in optical broadband networks. The student will learn the basics of light transmission through optical fibers, how fibers are combined into optical cables and how fiber networks are designed and constructed. Network architecture, topology, and design will be covered.

7. Digital Technician 3 units

Provides students with an overview of digital technologies as they relate to the broadband industry. Specifically, digital standards, modulation techniques, digital bandwidth management, digital carrier amplitude measurements, digital carrier quality measurements..

8. Advanced Technician 4 units

Trains a technician how to set up, operate and maintain the CATV head end, IPTV, satellite TV. Focuses on communication electronics theory and provides a foundation for understanding broadcast television, microwave, satellite and data communication systems.

9. Cable Math 1 unit

The Associate Degree program in collaboration with other departments, programs and services will compile a course layout to include:

1. All the above courses for the certificate program, in addition to
2. Existing or equivalent general educational state requirements.

General Education Courses (19 credit hours)

Introduction to Business	3
Intro to PC Applications	3
Interpersonal Communication	3
English Composition I (GT-CO1) OR	
Technical Writing I	3
Principles of Supervision	3
Technical Mathematics or higher	4

Major Courses (10 credit hours)

Cultural Diversity in Business	3
Time Management	1
Customer Service	3
General Psychology (GT-SS3) OR	
Stress Management / Critical Thinking	3

Restricted Elective Courses (5-9 credits depending on Concentration)

Legal Environment of Business	3
Business Communication and Report Writing	3
Intercultural Communication	3
Computers and Broadband Modems	3
Broadband Digital Installer	3
Principles of Management	3
Principles of Sales	3
Principles of Marketing	3

Project Impact

Number of Students Expected to be served

Utilizing the recruiting efforts outlined in this proposal we can accommodate up to 40 new students per semester into this certificate / degree program.

Project Implementation Timeline:

The project will begin by August 2014 enrolling students into the (3) existing broadband courses and any additional general education, elective or major course currently offered on the Fall 2014 schedule. By adding accreditation for two new courses per year we will accomplish full program implementation by Fall 2017 semester.

Assessment of the Outcome:

Using existing state approved Student Learning Assessments, career counseling and supportive services to assure students are on track for both educational achievements and career success goals. Classroom participation, assignments, lab projects, and tests will be used to assess the outcome each semester in order to reveal the effectiveness of this project on student persistence, course success, certificate/degree completion, transfers, job placements and the student's ability to learn and implement course material and learning objectives outlined in course syllabus.

Budget:

Staffing budget will consist of 4-6 part-time instructors to administer core program requirements at a cost of \$10,000 per course per semester up to \$90,000.00 yearly for entire project. General education and departmental courses should be considered in existing department budgets.

Technology enhancements will be needed to keep up with advances in the industry development. This will include subscription to services offered by different service providers such as Comcast, AT&T, Dish, Direct TV, Vonage and others. These services can be purchased on a monthly subscription basis. Estimated monthly cost \$500.00.

Facilities requirements include smart classrooms and enhanced labs for cabling installation projects and network testing experiments. Upgrading lab cost \$5,000.00

Equipment needs will also grow and vary with industry requirements. This will include networking equipment, supplies and test equipment. Initial estimate for 1st semester cost is \$30,000.00

Supportive Services, for non-profit include career counseling assistance, job placement assistance and other services. 1st year cost estimate is \$75,000.00

Total yearly budget = \$206,000.00

Impact on the community, local industry and local economy:

This is one of the fastest growing industries in the job market currently. Due to the advances in building and home automation, home entertainment, application development, all major industry players are slated to add work force in this area over the next few years. AT&T and Comcast are on target to add 30-50 new positions yearly to keep up with demand. These are the careers of the future and we as an education institution are tasked to prepare a work force to meet the industry needs and supply qualified candidates to meet the work force needs.

James Sullivan and Charles Jackson E/ET Instructors
Project Lead (or Author of Proposal)

6/15/2014
Date

Electrical/ Electronics Technology Department
Division(s)/Department(s)/Program(s)/Service Area(s)

Laney College Student Success Project 2014-15

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