

BHES Division - Dean's Summary

Division	Reviewed by Division Dean	Name of Dean/Administrator	Dean's/Administrator's Comments
APRU - BHES Division	Yes	Anita Muthyala-Kandula	<p>Biological, Health, Environmental Sciences and Workforce Education Division (BHES-WE) Spring 2012 Dr. Anita Muthyala-Kandula</p> <p>The BHES-WE division is comprised of the Automotive Technology, Biology, Environmental Studies, Health Technologies, Manufacturing & CNC Technology, Medical Laboratory Technology, and Nursing Departments.</p> <p>The number of sections offered in the BHES-WE division have decreased in number from 1183 section in the 2008 ? 2009 academic year to 975 sections in the 2010 -2011 academic year. Despite this reduction, the division has seen an overall increase in student enrollment to an all time high of 19,647 students served in 2010-2011. Efficient enrollment management allowed us to achieve these numbers, along with faculty dedicated to student success, and strong staff support backing us up. The faculty members were often willing to take students above the normal seat count and then committed to seeing them succeed.</p> <p>The division has persistently high retention and success rates in both targeted and non-targeted student groups, out-performing the over-all college every year in these numbers. The success rates in under-represented student groups can be credited to resource centers for the students in Biology, Nursing and Environmental Studies, where students can get more hands on experience, practice and exposure to course materials. Externships, internships and job placement opportunities for our students are a feature of many of our CTE programs. In all departments early student intervention, mentoring and counseling by faculty as well as peer tutoring have helped to maintain the success rates and popularity of our programs.</p> <p>Our CTE programs are all supported by labor reports that show increased job demands in their fields: Auto technicians will see a 7% growth rate from 2008 to 2018; HTEC employment opportunities are projected to grow by 22 ? 30%; MLT employment opportunities show a growth rate of 14.3% from 2008 ? 2018; in the field of MCNC growth is predicted at 6.1 ? 18.5% and in Nursing the growth rate in employment will be 25.7%. The Biology and Environmental Studies departments have both seen sharp increases in enrollment showing a student demand for GE transfer courses, majors courses and pre-requisite courses used for the allied health careers. Biology enrollment has gone from 4177 students in 226 sections in 2008 ? 2009 to 5678 students in 197 sections in 2010 - 2011. Environmental Studies enrollment has gone from 3775 students in 255 sections in 2008 -2009 to 4497 students in 251 sections in 2010 - 2011. This data supports the reality that our faculty and staff are persistently doing more with fewer resources.</p> <p>Areas of immediate concern are the Health Technologies program and the Medical Laboratory Technology program. These programs serve 2180 students and 400 students respectively and are each run by a single full time faculty. This faculty member is responsible for maintaining the program's national accreditation and/or state approval, all administrative duties, marketing and student recruitment, maintaining laboratory instrumentation, laboratory preparations, and</p>

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