Project Title : Hartnell Col lege Guided Pathways to STEM (GPS)

Project date: October 1, 2016 through September 30, 2021

Source: U.S. D9.a7 1 3r10

number of students eligible for transfer-level math, thus accelerating their time in college and
decreasing their overall costs.

 Expand the number of STEM articulation agreements with transfer universities in disciplines such as
Computer Science, Math, Biology, Marine Science, and Environmental Science. Well-aligned courses
and degrees with transfer universities will provide increased opportunities for seamless degree
pathways in STEM.

 Continue building high quality co-curricular STEM internship experiences. Internships provide a
complementary learning experience outside of the classroom that have powerful and influential effects
on students establishing their career goals. Internships will be provided in Math, Science, Computer
Science, Engineering, and Agricultural Science.

 Improve classroom and laboratory infrastructure. In order for faculty to provide high quality
instruction, upgraded and state of the art teaching classrooms that connect pedagogy, technology, and
learning must be provided. The project will fund the renovation of numerous classroom spaces with
innovate technology and space utilization that support classroom teaching and learning.

 Establish a continuous and impactful faculty development program. The project will provide faculty
the tools and resources for continuous training and development for innovative and effective teaching
strategies that help increase the success of underprepared students.

Expected Outcomes:
 Increase the percentage of Hispanic and low-income students who complete developmental math and
begin transfer level math within a year of enrollment.
 Increase the number of STEM degree seeking Hispanic and low-income students.
 Increase the Fall to Fall persistence rate of Hispanic and low-income STEM degree seeking students.
 Increase the number of Hispanic and low-income STEM degree seeking students earning a degree or
certificate.
 Completed 7 STEM articulated agreements with regional 4-year universities.
 Increase the number of Hispanic and low-income students successfully transferring to baccalaureate