Course Prefix and Number: SDV 101  
Course Credits: 1

Course Title: Orientation to STEM Disciplines

Course Description: Introduces students to the skills which are necessary to achieve their academic goals, to services offered at the college, and to STEM disciplines (science, technology/computer science, engineering, and mathematics). Covers topics such as the following: services and resources at the college; the library; counseling and advising; listening, test taking, and study skills; learning styles; career and personal development; and topical areas which are applicable to the STEM disciplines. Lecture 1 hour per week.

General Course Purpose: To assist first-year students enrolled in a Science AS degree program in effectively transitioning into college and learning how to be successful in STEM majors.

Course Prerequisites and Co-requisites: None

Course Objectives: Upon completing the course, the student will be able to:

a. Choose a STEM career field of choice and the academic program that will assist them in pursuing their selected career goal(s).

b. List and successfully apply two techniques relating to each of the following college transition areas:
   1. note-taking
   2. test-taking
   3. reading comprehension
   4. time management

c. List five campus resources that assist students, and how students may access the resources.

d. List the specific educational and professional requirements associated with transfer into a four-year college or university in a STEM discipline.

e. List the specific educational and professional requirements associated with admission into professional and/or graduate STEM programs after graduation from a Baccalaureate program.

f. Select the appropriate academic program for their STEM career choices and course options for enrollment in subsequent terms and upon transfer to a four-year college or university.

Major Topics to Be Included:

a. Career development
b. Study skills and styles
c. Policies and procedures of the institution
d. Academic advising

Effective Date of Course Content Summary: April 22, 2014