

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: SDV 101 **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 transitioning into college effectively and learning how to be successful in STEM majors.

Course Prerequisites and Co-requisites:

None

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Choose a STEM career field of choice and the academic program that will assist them in pursuing their selected career goal(s);
- 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;
- List five campus resources that assist students, and how students may access the resources;
- List the specific educational and professional requirements associated with transfer into a four-year college or university in a STEM discipline;
- List the specific educational and professional requirements associated with admission into professional and/or graduate STEM programs after graduation from a baccalaureate program; and
- 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:

- Career development
- Study skills and styles
- Policies and procedures of the institution
- Academic advising

Effective Date/Updated: January 25, 2019