Northwest Arkansas Community College
Business and Computer Information Systems Division

Discipline Code
DASC

Course Number
1003

Course Title
Introduction to Data Science

Catalog Description
(F, S, On Demand) Introduction to Data Science (DASC 1003) is a course providing an overview of Data Science and preparation of Data Science First Year students for the AS-STEM Data Science program.

Prerequisites
MATH 0103 – Intermediate Algebra

Corequisites: MATH 0103 – Intermediate Algebra

Credit Hours
3

Contact hours
45

Load hours
3

Semesters Offered
Fall, Spring

ACTS Equivalent
None.

Grade Mode
A-F

Learning Outcomes
Students completing DASC 1003 should be able to
- describe the data science analytics process,
- apply critical thinking skills to open-ended problems,
- demonstrate an understanding of the importance of ethics and privacy with data,
- demonstrate solving data science problems with spreadsheets,

- discuss the academic requirements and opportunities associated with being a Data Science student;
- list the resources available to students for maintaining their personal wellness, and experience a sense of belonging to the Data Science program and community.

General Education Outcomes Supported
- Students will demonstrate technological fluency.
- Students demonstrate information literacy.

Standard Practices

Topics list
N/A

Learning activities
Assignments and Projects.
This course requires some in class, hands-on work and also additional hands-on work in the virtual or on-campus computer lab.

Assessments
Homework
Projects
Quizzes
Exams

Grading guidelines
A = 90 – 100%
B = 80 – 89%
C = 70 – 79%
D = 60 – 69%
F = 0 – 59%