



CERTIFICATE

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Course Schedule

Program Outcomes



Benefits of a Data Analytics Certificate

The Certificate in Data Analytics provides a strong base for professionals or students interested in developing skills to collect, organize, analyze, interpret and present data.

The combination of courses provides the necessary knowledge and experience to use large data sets to make data driven decisions and to effectively communicate patterns and relationships.

Content is reinforced with hands on experience applying course content to applications from business and industry using current industry accepted computer programs.

Career Possibilities

Potential Salary



Expected Student Outcomes:

1. Understand the data science life cycle and how it applies across a variety of industries.
2. Efficiently collect and organize data from a variety of sources.
3. Effectively apply statistical tools to identify patterns and relationships in large data sets.
4. Effectively use data mining techniques to make recommendations to address real world problems.
5. Effectively communicate patterns and relationships using a variety of data visualization techniques.

Apply to NCC



Choose Community

Choose Nashua Community College and experience what community really means: support, connection, security, opportunity.

Visit nashuacc.edu or speak with an Enrollment Specialist by calling 603.578.8908 to begin!

Help Your Resume Stand Out

There are many benefits to completing a certificate program. If you are starting your job search, completing a certificate program will boost your skills and abilities, and it can even help you stand out in the job market.

Fall Semester

| Item # | Title | Class Hours | Lab Hours | Credits |
|----------|--------------------------------|-------------|-----------|---------|
| DATA101N | Introduction to Data Analytics | 2 | 2 | 3 |
| MATH106N | Statistics I | 4 | 0 | 4 |
| | CSCI120N or CSCI161N | | | 3 |
| DATA105N | Data Mining | 2 | 2 | 3 |

Spring Semester

| Item # | Title | Class Hours | Lab Hours | Credits |
|----------|----------------------------------|-------------|-----------|-----------|
| DATA120N | Applied Data Analysis | 2 | 2 | 3 |
| | CSCI130N or CSCI207N | | | 3 |
| DATA205N | Data Visualization | 2 | 2 | 3 |
| DATA210N | Data Wrangling with R and Python | 2 | 2 | 3 |
| | Total Credits | | | 25 |

NON-DISCRIMINATION POLICY

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- Title VI and VII of the Civil Rights Act of 1964, as amended
- The Age Discrimination in Employment Act of 1967 (ADEA)
- Title IX of the Education Amendment of 1972
- Section 504 of the Rehabilitation Act of 1973
- The Americans with Disabilities Act of 1990 (ADA)
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974
- NH Law Against Discrimination (RSA 354-A)
- NH Law RSA 188-F:3-a.
- Genetic Information Nondiscrimination Act of 2008

Inquiries regarding discrimination may be directed to Sara A. Sawyer, Director of Human Resources for the Community College System of NH, 26 College Drive, Concord, NH 03301, 603-230-3503. Inquiries may also be directed to the NH Commission for Human Rights, 2 Industrial Park Drive, Concord, NH 03301, 603-271-2767, FAX: 603-271-6339; and/or the Equal Employment Opportunity Commission, JFK Federal Building, 475 Government Center, Boston, MA, 02203, 617-565-3200 or 1-800-669-4000, FAX: 617-565-3196, TTY: 617-565-3204 or 1-800-669-6820.