



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

R. Scott Ralls, Ph.D.

President

May 19, 2014

MEMORANDUM

TO: Presidents
Chief Academic Officers

FROM: Wesley E. Beddard, Associate Vice President
Student Learning and Success

RE: State Board Action on May 16, 2014
Revised Curriculum Standard and
Curriculum Tier Classification

On May 16, 2014 the State Board of Community Colleges approved the requested revision to the following curriculum standard:

Business Analytics (A25350)

Please be aware that you must implement the revised standard no later than one year after the effective term. You must update your college's electronic programs of study and receive approval from the System Office prior to implementation of the revised program.

A Tier I funding classification was approved for the following curriculum course prefix:

TDP - Three Dimensional Printing

If you have any questions concerning these State Board action items, please contact Ms. Jennifer Frazelle at 919.807.7120 or frazellej@nccommunitycolleges.edu. An outline of the specific curriculum standard revision and revised curriculum standard, are attached for your convenience. You may view all curriculum standards, curriculum courses and curriculum course prefix tier classifications by visiting the Programs website at:

<http://www.nccommunitycolleges.edu/Programs/index.html>

WB/JF/gr

Attachments

c: Dr. Sharon E. Morrissey
Ms. Jennifer Frazelle
Ms. Elizabeth Self
Program Coordinators

CC14-014
Email

**Outline of Curriculum Standard Revision
State Board of Community Colleges – May 16, 2014**

Business Analytics (A25350)

- Add the following course to the Statistics Subject Area:

MAT 152 Statistical Methods I

CURRICULUM STANDARD

Effective Term
Fall 2014
[2014*03]

Curriculum Program Title	Business Analytics	Program Code	A25350
Concentration	(not applicable)	CIP Code	52.1301

Curriculum Description

The Business Analytics curriculum is designed to provide students with the knowledge and the skills necessary for employment and growth in analytical professions. Business analysts process and analyze essential information about business operations and also assimilate data for forecasting purposes.

Students will complete course work in business analytics, including general theory, best practices, data mining, data warehousing, predictive modeling, project and operations management, statistical analysis, and software packages. Related skills include business communication, critical thinking and decision making.

Graduates should qualify for employment as data technicians, data scientists, business and data analytics engineers, and business analysts in the fields of finance, banking, logistics, marketing, healthcare, manufacturing, information technology, and government organizations.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97 (3)]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit in Program	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Major Hours

[ref. 1D SBCCC 400.97(3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours of credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Business Analytics (A25350)

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE <i>Courses required for the diploma are designated with *</i> Required Courses: <ul style="list-style-type: none"> * BAS 120 Business Analytics I 3 SHC * BAS 121 Analytics Methods I 3 SHC * BAS 150 Analytics Tools I 3 SHC * BAS 220 Business Analytics II 3 SHC BAS 270 Analytics Practicum 3 SHC BUS 110 Introduction to Business 3 SHC CTS 130 Spreadsheet 3 SHC DBA 110 Database Concepts 3 SHC Required Subject Areas: Basic Computer Skills(Select one): <ul style="list-style-type: none"> CIS 110 Introduction to Computers 3 SHC CIS 111 Basic PC Literacy 2 SHC OST 137 Office Software Applicat. 3 SHC *Statistics (Select one) <ul style="list-style-type: none"> BUS 228 Business Statistics 3 SHC MAT 152 Statistical Methods I 4 SHC Data Management(Select one) <ul style="list-style-type: none"> DBA 115 Database Applications 3 SHC DBA 120 Database Programming I 3 SHC HBI 250 Data Mgmt and Utilization 3 SHC 	32-34 SHC	15 SHC	
B. CONCENTRATION <i>(if applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACC, AIB, BAF,BAS, BUS, CIS, CJC, CSC, CTI, CTS, DBA, ECM, ECO, ETR, GIS, HBI, HRM, INS, INT, ISC, ITN, LOG, MAT, MKT, OMT, OST, PAD, RLS, WBL, and WEB Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA			