Beaufort County Community College
Developmental Mathematics

The North Carolina Community College System recently redesigned the developmental math course sequence to facilitate better outcomes for our students. We are moving toward a more student-centered approach that leads to successful college completion.

There are eight modules:
DMA 010 – Operations with Integers
DMA 020 – Fractions and Decimals
DMA 030 – Proportions/Ratios/Rates/Percents
DMA 040 – Expressions, Linear Equations, Linear Inequalities
DMA 050 – Graphs and Equations of Lines
DMA 060 – Polynomials and Quadratic Applications
DMA 070 – Rational Expressions and Equations
DMA 080 – Radical Expressions and Equations

Each module is 1 credit hour and 1.25 contact hours. Students attend class for 4 weeks for a total of 20 hours. Students can potentially complete 4 modules in one semester thus completing all 8 modules in two semesters.

Students need only the developmental modules that tie directly to their curriculum level course. Therefore, it is important to first identify the curriculum level math course needed for the student's degree and what modules the student will be required to take for that course.

Curriculum Math Course	Required Modules
MAT 110	DMA 010-DMA030
MAT 121	DMA 010-DMA060
MAT 143	DMA 010-DMA050
MAT 152	DMA 010-DMA080
MAT 171	DMA 010-DMA080

Crosswalk
Students who have credit for MAT060, MAT070, and/or MAT080 will receive credit for some or all of the modules. In Datatel, the mnemonics STAC and TRAN provide an efficient way to identify courses and modules for which the student has credit.

MAT060 = DMA010 - DMA030
MAT070 = DMA010 - DMA050
MAT080 = DMA010 - DMA080

Example: A student requires MAT143 and has credit for MAT060. The student needs to enroll in DMA040 and DMA050.

*Prerequisite waiver form required for MAT060 students enrolling in MAT 110

2015SU/FA

The Placement Test

Students admitted to BCCC will take a new diagnostic placement test (NCDAP) test to determine placement in the DMAs. The test is aligned with modular content and will identify modules for which the student receives credit. Scores are accessed in Datatel using the mnemonics TSUM or XDNS.

- Students scoring a 1 on the DMA010 portion of the test without mastery in the other modules must enroll in BSP2000 through Continuing Education.
- A score of 7 is required to receive credit for a module and "NC" credit is awarded in datatel.
- Students who graduated from high school in the last five years, took four appropriate math courses while there, and had an unweighted high school GPA of 2.6 are exempt from taking the NCDAP.
- The placement test is waived under the following conditions:
  a) Score of 500 or higher on the SAT in critical reading or writing and mathematics
  b) ACT reading score of 22 or an ACT English score of 18 and an ACT math score of 22.
- Students with CPT scores less than 5 years old are not required to take the NCDAP, although it may be in the best interest of the student to take the new placement test to receive credit for some modules in the sequence. Placement using CPT scores is as follows:

Arithmetic below 30	BSP2000 (Continuing Education)
Arithmetic 30-54	DMA010
Arithmetic 55+ and Algebra <55	DMA040
Arithmetic 55+ and Algebra 55-74	DMA060
Arithmetic 55+ and Algebra 75+	no DMAs required

Delivery Options

1. Traditional (DMA): This course is a typical class. Students will have 20 days of "traditional" instruction with an instructor teaching and testing on the material. The modules appear on the schedule in the format DMA_____(quarter)_____(section)_____. The letters A – D correspond to the quarter where "A" is the first 4 weeks of the semester, "B" is the second 4 weeks, etc.
   Example: A student needing the sequence DMA010-DMA040 could sign up for
   DMA010-A01
   DMA020-B01
   DMA030-C01
   DMA040-D01

2. Customized Learning Shells (DMS): Shells are computer-based, customized learning classes designed for self-motivated students who are comfortable with technology and good at time management. Students learn the material by watching videos on the computer. Computer-based assignments are completed at their own pace. The instructor provides individual instruction as needed and closely monitors student progress. When students finish a module, they can progress to the next required module. This allows for ultimate flexibility since students can move quickly through material that they are comfortable with and spend more time on the concepts that they find challenging. Students taking developmental math shells will register for DMS instead of DMA courses. Advisors enroll students in shells according to the number of DMA's needed. Advisors do not need to indicate which DMAs the student needs as the math instructors define the shell in datatel.

Regardless of the module(s) needed:
One DMA module = DMS001
Two DMA modules = DMS002
Three DMA modules = DMS003
Four DMA modules = DMS003 + DMS001

NOTE: Financial aid will pay for a student to pass a class twice. To avoid financial aid issues always sign students up for DMS courses as noted above.

3. Online: This course is like a typical online class. Students are required to take the final exam on campus. Online and evening classes are Customized Learning (DMS) only.

Grades
A student mastering a DMA module earns a "P" and progresses to the next required module or curriculum math course. A student receiving an R, W, or WF will need to repeat the module. Developmental math shells are available for students needing to repeat coursework.

Financial Aid
Students need to sign up for all modules up front during early or late registration to be eligible for financial aid for the courses. The impact on each student is unique, so financial aid questions should be referred to the Financial Aid Office.

Census Date
Students must register and attend a DMA class prior to the census date, which is the second hour of class.

Cheat Sheet
Each semester advisors will receive a "cheat sheet" that lists available clusters. Students do not have to take the entire cluster, just the modules they need. Datatel codes are provided to expedite registration. Advisors register students assuming they will pass each module. If they fail or do not complete a module their schedule will be adjusted accordingly.

Questions
Contact a member of the math department:

Kimberly Mullis	940-6320	3-105
Gretchen Thompson	940- 6355	3-119B
Tyler Leaser	940-6933	3-123
Jackie Keen	940- 6255	3-119A
Regina Price	940- 6481	3-120
Zachary Mathews	940- 6369	3-102

2015SU	Time	1st 4 weeks	2nd 4 weeks	Instructor
M-TH	10-11:15 am	DMS-001-A01 21066 DMS-002-A01 21068	DMS-001-B01 21067	K. Mullis

2015FA					
Time	Q1	Q2	Q3	Q4	Instructor
8 am	10 DMA-010-A01 21296	20 DMA-020-B01 21304	30 DMA-030-C01 21312	40 DMA-040-D01 21323	Keen
9 am	10 DMA-010-A02 21297	20 DMA-020-B02 21305	30 DMA-030-C02 21313	40 DMA-040-D02 21324	Keen
10 am		10 DMA-010-B03 21825	20 DMA-020-C03 21831	30 DMA-030-D03 21833	Price
11 am	50 DMA-050-A04 21835	60 DMA-060-B04 21836	70 DMA-070-C04 21837	80 DMA-080-D04 21838	Leaser
12 pm		10 DMA-010-B05 21830	20 DMA-020-C05 21832	30 DMA-030-D05 21834	Keen
1 pm	DMS-001-A06 21840 DMS-002-A06 21353 DMS-003-A06 21845	DMS-001-B06 21341 DMS-003-B06 21848	DMS-001-C06 21344 DMS-002-C06 21359	DMS-001-D06 21349	Thompson Thompson Keen
630 pm	DMS-001-A50 21340 DMS-002-A50 21354 DMS-003-A50 21847	DMS-001-B50 21343	DMS-001-C50 21347	DMS-001-D50 21352	Roughton
online	DMS-001-A20 21339 DMS-002-A20 21844 DMS-003-A20 21846	DMS-001-B20 21342	DMS-001-C20 21346	DMS-001-D20 21351	Huguelet