

Advising Information – Developmental Mathematics

Advising – DMS vs. DMA

Two things to understand about developmental math are DMS and DMA. DMS represents the Developmental Math Shell course as listed on the schedule for registration purposes. DMA represents the module (unit of material) to be studied in the course. We offer four different DMS courses as listed below.

Course	Credits	Number DMAs	Number Weeks
DMS 001	1	Exactly One	4-week course
DMS 002	2	Exactly Two	8-week course
DMS 003	3	Exactly Three	12-week course
DMS 004	4	Four or More	16-week course

Students register for one of the four DMS courses above. Students study, test, and complete the appropriate DMA module(s) within the course. There are eight modules as listed below.

- 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

Based on the student's placement test results (or other appropriate information), a student's program evaluation indicates the DMA modules Complete. The student then needs DMA modules to satisfy entrance into curriculum courses. See **Advising Developmental Math Students – Modified 10-14-13** for more details and the **DMA Completion** list.

Every four weeks, students are expected to complete an exam on the appropriate DMA with a score of 80% or better in order to complete that DMA and progress on to the next DMA. If students do not earn a passing score, they are instructed to remediate their deficiencies with assistance as needed and prepare for a retest on and pass that DMA exam before testing on the next DMA.

NOTE: The **DMA Completion** list will be provided by the Math-PE Department.

Advising Developmental Math Students – Modified 10-14-13

NOTE: Veterans should be directed to Bob Philpott, Veterans Affairs Coordinator, for advising and placement in developmental math courses. VA will not pay for distance learning developmental courses. 910-362-7106 or rjphilpott16@mail.cfcc.edu

Students who are presently enrolled in developmental math should be advised based on the information contained in the spreadsheet "**DMA Completion**" provided by the Math-PE Department personnel. If a student is in a DMS

course that would allow the student to complete all DMA requirements this semester, register the student for the appropriate subsequent math and/or other courses that require completion of the DMA requirements. (This may require overriding prerequisite requirements.) See the student's **Program Evaluation** and **Diagnostic Test Requirements for Health Science Programs** below as appropriate, for DMA requirements. The **DMA Completion** document contains information relative to what the student has completed and/or is likely to complete this semester. If a student's name is NOT on the DMA Completion list, the student is either not enrolled in developmental math or cannot complete the DMA requirements this semester.

If you have questions about a student, please contact Caroline Greenough (7612; cwgreenough984@mail.cfcc.edu), Larry Tingen (7728; ltingen216@mail.cfcc.edu), or Claude Moore (7135; csmoore45@mail.cfcc.edu).

Diagnostic Test Requirements for Health Science Programs
NOTE: These requirements may NOT show on the student's Program Evaluation.
Associate Degree Nursing, Nursing Transition, Practical Nursing, and RIBN all require all eight (8) modules. DMA 010, DMA 020, DMA 030, DMA 040, and DMA 050, DMA 060, DMA 070, & DMA 080
Dental Assisting, Dental Hygiene, Medical Sonography, Occupational Therapy, Pharmacy Technology, Radiography, and Surgical Technology all require the first five (5) modules. DMA 010, DMA 020, DMA 030, DMA 040, and DMA 050

Some questions to ask a student during Pre-Registration:

1. What is your program of study?
2. What MAT course is required?
3. Do you need to take CIS 110?
4. Do you need to take a science course that has a math requirement?

Some examples including DMA requirements are shown in the table below.

Name	Program of Study	Math Requirement	CIS 111 CIS 110	Enrolled in DMAs	Required DMAs
Student 1	Pre-Social Work	MAT 171	CIS 110	010-040	010-080
Student 2	AA	MAT 140	CIS 110	010-040	010-050
Student 3	Pre Radiography	MAT 115 or higher			010-050
Student 4	Elem Education	MAT 141	Optional	010-040	010-040
Student 5	Automotive	MAT 120	CIS 111	010-040	010-040

The list below shows courses and the DMA requirements as alternatives to other prerequisites.

Course	Requirements	Course	Requirements
ARC 111	DMA 010-030	ELC 114	DMA 010-050
ARC 112	DMA 010-030	ELC 117	DMA 010-050
ATR 112	DMA 010-050	HRM 220	DMA 010-030
BUS 121	DMA 010-030	MAT 101	DMA 010-030
BUS 125	DMA 010-030	MAT 115	DMA 010-050
CHM 130	DMA 010-030	MAT 120	DMA 010-040
CHM 131	DMA 010-050	MAT 121	DMA 010-050
CHM 151	DMA 010-080	MAT 140	DMA 010-040
CIS 110	DMA 010-050*	MAT 141	DMA 010-040
DFT 111	DMA 010-030	MAT 155	DMA 010-050
DFT 151	DMA 010-030	MAT 171	DMA 010-080
EDU 114	DMA 010-030	MAT 175	DMA 010-080
ELC 112	DMA 010-050	SST 120	DMA 010-030
ELC 113	DMA 010-050		

*Prerequisite for CIS 110 will change 2014 FALL to DMA 010-040.

You may obtain **Placement Testing and Other Information** at <http://www2.cfcc.edu/math/place-test/>.