

Richland College

Developmental Mathematics

Instructional Formats

There are two levels of Developmental Mathematics (DMAT) offered at Richland College: DMAT 0305 & 0310. They are offered in several different instructional modes or learning formats. Use the information provided below to select a mode appropriate for your learning style.

Lecture-based Mode

Instructors who teach in this mode use a traditional lecture approach and set the pace for the class to ensure that all material is covered during the course of the semester. Small group or cooperative learning activities are often used to enhance learning. Homework is assigned on a regular basis and the instructor schedules tests/exams throughout the semester with the final exam being a comprehensive department final. All lecture instructors utilize MyMathLab, a web-based, online courseware to assign homework problems. Students are required to work through online exercises and homework assignments correlated to the exercises in their textbook, and have access to a multimedia textbook with links to learning aids, such as animations and videos, and other lesson demonstrations. The access code for the use of the courseware and the textbook are available from the campus bookstore. Students enrolled in 0305 & 0310 lecture classes are required to have a TI-84 graphing calculator.

You should take a DMAT lecture-based class if you:

- ✓ Prefer to have an instructor present the course
- ✓ Want to complete only one level of DMAT per semester
- ✓ Prefer many opportunities to review and practice exercises
- ✓ Need the structure of a class where the pace of instruction is set

ALL students enrolled in DMAT classes are encouraged to take advantage of the many resources available in The Learning Center, TLC (M-216) and the Center for Success in Mathematics, CSM (M-216). Here, students can receive one-on-one tutoring, sign-up for workshops, access web-based **MyMathLab** courseware, and receive assistance on any mathematics topic at **NO CHARGE**. Ask your instructor for more information or visit the information desk in Medina Hall, M-216.

Laboratory-based (Lab) Mode

This is NOT a traditional lecture class. In DMAT classes taught in the Lab mode, you will read and work through the course materials in your textbook and then work homework assignments through MyMathLab, a web-based, online courseware on your own and receive individual assistance from your instructor as needed. Homework problems are designed to prepare you for tests. You have access to a multimedia textbook with links to learning aids, such as animations and videos, and other lesson demonstrations. The learning aids will provide you with active learning at your own pace. Although you will work on the course material and take tests at your own pace, classroom attendance is required. In order to complete the course, other required progress standards will apply (your instructor will supply you with a syllabus and other pacing material). If you need extra help, you may attend other Lab sections of developmental math in addition to your own. You may not make up absences by attending another Lab section. Since this mode of instruction allows you to work through the course materials at your own pace, it is possible to complete one level of DMAT and begin the next level. Students are able to complete two levels in one semester. The access code for the use of the courseware and the textbook are available from the on campus bookstore. Students enrolled in 0305 and 0310 Lab classes are required to have a TI-84 graphing calculator.

You should take a DMAT lab-based class if you:

- ✓ Only need a review of the material
- ✓ Are self-motivated and work well on your own
- ✓ Want to complete more than one level of DMAT per semester
- ✓ Enjoy using computers

Distance Learning-based (Online) Mode

This is NOT a traditional lecture class. Instruction in this mode is delivered through your home or any remote computer. You must also have access to an Internet Service Provider (ISP). This is an excellent mode of instruction for students who are unable to attend class at “regularly scheduled” times during the week. An initial on-campus student orientation session is required prior to the start of the class. Online quizzes could be required and homework may be required to be faxed or sent electronically to your instructor. Communication with your instructor is essential and easy through e-mail. You must take major exams at one of the Testing Centers located on the campuses of the Dallas County Community Colleges or at an approved proctored test site. The validation code for the use of the courseware and the companion textbook are available at the Follett Bookstore located on the Richland College campus. You may also purchase the code and textbook online at www.efollett.com. The license and textbook for DMAT 0305 may also be used in DMAT 0310 if DMAT 310 is taken within 12 months from when you started DMAT 0305.

You should take a DMAT distance learning-based class if you:

- ✓ Prefer to learn at home or are unable to attend classes on campus
- ✓ Are self-motivated and learn well by working on your own
- ✓ Have good time management skills
- ✓ Are comfortable reading large amounts of information online
- ✓ Prefer to have the material presented rather than reviewing a textbook
- ✓ Need frequent self-checks for learning the material
- ✓ Have some technical skills
- ✓ Enjoy using computers