Intermediate Mathematics (MATH 099): What’s Right for You?

Intermediate mathematics (MATH 099) is designed to prepare students for college-level gatekeeper courses in Science, Technology, Engineering and Math (STEM) courses. The course is required of all students scoring below 440 on the SAT or below 16 on the ACT. The Center for Academic Excellence (CAE) Academic Instruction and Support program provides academic instruction and learning support services to students enrolled in MATH099. It is our goal to assist students in gaining the math needed for success in college level mathematics in as short a time as possible.

Intermediate Mathematics (MATH 099) has four (4) different delivery methods outlined below. Traditional intermediate mathematics programs only provide a lecture course, shown by research to be the least effective method of instruction. The redesigned course features online learning experiences using Web-based, multi-media resources through Pearson Publishing MyLabs/Mastering software in MyLabsPlus (MLP) with drop-in open hours in the Math Emporium Lab.

Choose From These Options:

<table>
<thead>
<tr>
<th>Delivery Method</th>
<th>Basic Format</th>
<th>Who should take this class?</th>
<th>How to register in Banner?</th>
</tr>
</thead>
</table>
| **TRADITIONAL MODEL** - Linked with Supplemental Instruction (SI)** | - Meet in-class 5 days a week  
  - traditional face-to-face lecture 3 days a week  
  - built-in mandatory SI study sessions 2 days a week  
  - Offers just-in-time mandatory academic support  
  - SI study sessions facilitated by faculty/peers  
  - Free Tutoring – individual & group w/ instructor/peer  
  - Homework/mastery quizzes out-of-class in MLP  
  - In-class paper pencil tests and final exam | - If the usual way of learning math works for you  
  - You can work in a group environment  
  - If you can stay on track using a pacing guide | Register for the MATH 099 course with:  
  - Lecture Schedule Type  
  - Instructor In Class Instructional Method |
| **EMPORIUM MODEL** | - Meet in MEmporium Classroom Lab 5 days a week  
  - Features interactive software and on-demand personalized assistance  
  - Most learning experiences online in-class using MLP  
  - Some assignments online out-of-class using MLP  
  - Quizzes & Tests MUST BE PROCTORED in-class or during open-lab hours in ACB/Library ME labs | - If the usual way of learning math doesn’t work for you  
  - If you enjoy working independently at a flexible pace  
  - If you can stay on track using a pacing guide | Register for the MATH 099 course with:  
  - Lecture Schedule Type  
  - Web Based Instructional Method |
| **ONLINE MODEL** | - All learning experiences out-of-class online | - If you are computer proficient  
  - If you can stay on track using a pacing guide  
  - Non-traditional Freshmen | Look for the course listed MATH 099 online, section 05A  
  - Instructor Approval Required |
| **MATH 099/101 HYBRID MODEL** (Pilot)** | - Meet in-class 5 days a week  
  - Meet in MEmporium Classroom Lab 3 days a week  
  - traditional face-to-face lecture 2 days a week  
  - Features interactive software and on-demand personalized assistance  
  - Most learning experiences online in-class using MLP  
  - Some assignments online out-of-class using MLP  
  - Quizzes & Tests MUST BE PROCTORED in-class or during open-lab hours in designated labs | New Freshmen ONLY and required to take MATH099  
  - Standardized Test Scores  
    - SAT is 410, 420, or 430  
    - ACT is 15  
  - If you plan to take MATH 101, 103 or 111  
  - If you are computer proficient  
  - If you can stay on track with hard deadlines | Look for MATH 101:  
  - Sections - 021,022,023,024  
  - Lecture Schedule Type  
  - Hybrid Instructional Method  
  - Registration required by:  
    - CAE – Torrey Burden  
      Phone: (336) 285-4090 or eMail: burdent@ncat.edu  
    - Math Dept. – Sharon Goins  
      Phone: (336) 285-2035 or eMail: slgoins@ncat.edu |

**SI is an academic assistance program that utilizes faculty-peer-assisted study sessions**

**-Hybrid course combines MATH 099 and the college-level Fundamentals of Algebra & Trig I (MATH 101) – credit for MATH 101**

**Note:**
- MATH 099/101 Hybrid course features online learning experiences using Web-based, multi-media resources through Pearson Publishing MyLabs/Mastering software in MyLabsPlus (MLP) with drop-in open hours in the Math Emporium Lab.
- Choose from the following options:
  - **TRADITIONAL MODEL** - Linked with Supplemental Instruction (SI)
  - **EMPORIUM MODEL**
  - **ONLINE MODEL**
  - **MATH 099/101 HYBRID MODEL** (Pilot)

**Registration required by:**
- CAE – Torrey Burden
  Phone: (336) 285-4090 or eMail: burdent@ncat.edu
- Math Dept. – Sharon Goins
  Phone: (336) 285-2035 or eMail: slgoins@ncat.edu