



**Division of College Readiness
Developmental Math Department**

<https://learning.hccs.edu/programs/developmental-mathematics>

MATH 0106: Basic Mathematics | Online | #20164

Spring 2021 Semester | 4 Weeks (01-19-2021 to 02-14-2021)

ONLINE PLATFORM: T/Th 8:00 a.m. – 9:50 a.m.

1 Credit Hour | 16 hours per semester

Instructor Contact Information

Instructor: Dr. Dorothy A. Muhammad

Office Phone: 713.718.5649

Cell Phone: 713.291.6586

HCC Email: dorothy.muhammad@hccs.edu

Office Location: Katy Campus Room 359G (THERE ARE NO IN-PERSON MEETINGS)

Office Hours: Tuesday: 7:30 a.m. – 10:30 a.m./Thursday: 8:30 a.m. – 10:30 a.m.

Please feel free to contact me concerning any problems that you are experiencing in this course. Your performance in my class is very important to me. I am available to hear your concerns and just to discuss course topics. All of my contact information is listed above; they are all options available for your use.

Online on a Schedule (WS)

The course modality of this class is *online on A Schedule*.

Faculty will hold class as per the assigned schedule, and students will attend online each class period utilizing Canvas Eagle Online.

Attendance will be taken each class period.

Instructor's Preferred Method of Contact

What's Exciting About This Course

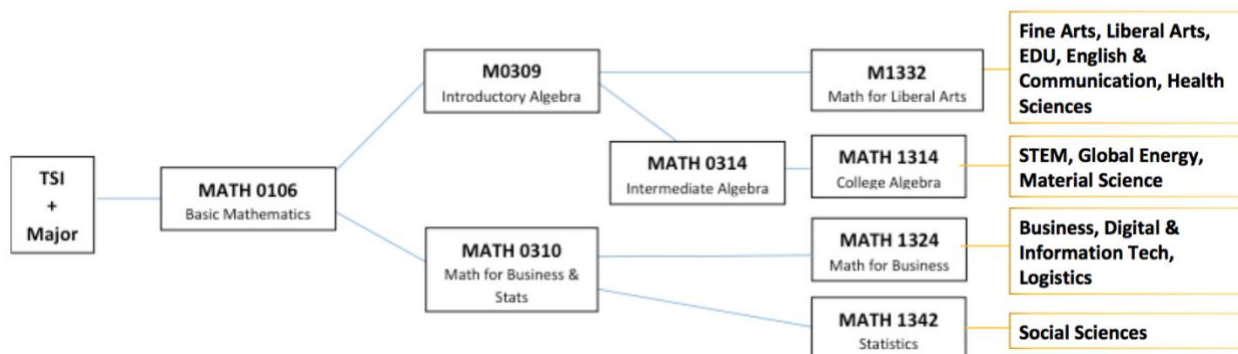
This course has been designed to allow you to focus on the most practical material and skills that you will need to get you ready for any math class that you might take.

My Personal Welcome

You are the only person responsible for your success. Take ownership of the trajectory of your life!

Prerequisites

MATH 0106 requires either a TSIA Math score 310-335 and ABEMD Levels 3-4 **OR** TSIA Math Score 317 - 335 with no ABEMD score.



Eagle Online Canvas Learning Management System

This section of MATH 0106 has associated with it a course in [Eagle Online Canvas](https://eagleonline.hccs.edu) (<https://eagleonline.hccs.edu>). HCCS Open Lab locations may be used to access the Internet and Eagle Online Canvas. It is recommended that you **USE FIREFOX OR CHROME AS YOUR BROWSER.**

Review Guides, Supplemental Material, etc.

Look in Eagle Online Canvas for information to assist you in the course.

<https://eagleonline.hccs.edu/login/ldap>

Instructional Materials

Textbook Information

There is no textbook for this course. You will complete homework assignments and test via the ALEKS online platform. Go to www.aleks.com to register.

Your class code: GENMT-A9LWN. IF THERE ARE ANY QUESTIONS, PLEASE EMAIL, TEXT OR CALL IMMEDIATELY!

Other Instructional Resources

Tutoring

HCC provides free, confidential, and convenient academic support, including writing critiques, to HCC students in an online environment and on campus. Tutoring is provided by HCC personnel in order to ensure that it is contextual and appropriate. Visit the [HCC Tutoring Services](#) website for services provided.

Libraries

The HCC Library System consists of 9 libraries and 6 Electronic Resource Centers (ERCs) that are inviting places to study and collaborate on projects. Librarians are available both at the

libraries and online to show you how to locate and use the resources you need. The libraries maintain a large selection of electronic resources as well as collections of books, magazines, newspapers, and audiovisual materials. The portal to all libraries' resources and services is the HCCS library web page at <http://library.hccs.edu>.

Supplementary Instruction

Supplemental Instruction is an academic enrichment and support program that uses peer-assisted study sessions to improve student retention and success in historically difficult courses. Peer Support is provided by students who have already succeeded in completion of the specified course, and who earned a grade of A or B. Find details at <http://www.hccs.edu/resources-for/current-students/supplemental-instruction/>.

Course Overview

Math 0106: Basic Mathematics is a developmental math course whose topics include fundamental operations fractions and decimals, percent, ratios, and proportions. A departmental final examination must be passed with a score of 60% or more in order to pass the course. **DUE TO THE RESTRICTIONS AS A RESPONSE TO COVID-19, THIS IS A FULLY ONLINE COURSE. THERE WILL NOT BE ANY FACE-TO-FACE INTERACTION!**

Core Curriculum Objectives (CCOs)

Given the rapid evolution of necessary knowledge and skills and the need to take into account global, national, state, and local cultures, the core curriculum must ensure that students will develop the essential knowledge and skills they need to be successful in college, in a career, in their communities, and in life. Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

- **Critical Thinking Skills:** to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
- **Communication Skills:** to include effective development, interpretation and expression of ideas through written, oral and visual communication.
- **Empirical and Quantitative Skills:** to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

Program Student Learning Outcomes (PSLOs)

During courses in the developmental math program students will

1. Engage in problem solving strategies, such as organizing information, drawing diagrams, and modeling.
2. Use symbolic representations to solve problems. This includes manipulating formulas, solving equations, and graphing lines.
3. Learn the foundational mathematical skills that will enable a student to successfully complete a college level math course.

Course Student Learning Outcomes (CSLOs)

Upon completion of MATH 0106, the student will be able to:

1. Correctly choose and apply the four basic arithmetic operations with decimals and fractions to estimate and solve application problems.
2. Apply "Proportional Reasoning" to solve related problems including ratios, rates, proportion, and percent.

Learning Objectives

Upon completion of MATH 0106, the student will be able to:

1. Solve problems by estimating and rounding.
2. Find the least common multiples of two or more whole numbers.
3. Add, subtract, multiply and divide fractions.
4. Add, subtract, multiply and divide with decimals and percent
5. Solve problems involving ratio and proportion.

Student Success

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Math cannot be learned by merely reading or hearing about it, you must spend the time to practice. The assignments provided will help you use your study hours wisely. Successful completion of this course requires a combination of the following:

- Attending class
- Completing assignments
- Participating in class

There is no short cut for success in this course; it requires time and dedication.

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and make up
- Provide the course outline and class calendar which will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required

As a student, it is your responsibility to:

- Attend class
- Participate actively by reviewing course material, practicing the material, and responding promptly in your communication with me
- Read and comprehend the textbook
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments

- Attain a raw score of at least 60% on the departmental final exam
- Be aware of and comply with academic honesty policies in the HCCS Student Handbook

Assignments, Exams, and Activities

Exams

All students will be required to take a cumulative departmental final exam consisting of 33 multiple-choice questions; THIS IS AN ONLINE EXAM...NO SCANTRONS ARE NECESSARY! You must score at least 60% (20 of 33) of the items correct on the final to pass the course (departmental decision).

The Developmental Math Department is requiring the remote proctoring of examinations (including the Final Exam) to ensure the integrity of the assessment process and to prevent acts of academic dishonesty. In this course, in addition to a reliable internet connection, you will be required to have hardware that meets the following minimal requirements: **a) A functioning webcam and microphone, and b) A computer with operating system that is capable of running the Respondus LockDown Browser and Respondus Monitor.** If you are unable to obtain the hardware listed above, please speak with the class instructor.

Final Exams

All students will be required to take a cumulative departmental final exam consisting of 33 multiple-choice questions. Students must provide their own Scantron forms. You must score at least 60% (20 of 33) of the items correct on the final to pass the course (departmental decision).

Grading Formula

Test (Average of three)	45%
Homework	20%
Final Exam	35%
Total	100%

Grade	Percent
A	90% +
B	80% - 89%
C	70% - 79%
F/IP	0% - 69%

Note: Any student that has failed this course for the first time is eligible to receive an IP. Any subsequent failures will receive an F.

HCC Grading Scale can be found on this site under Academic Information:
<http://www.hccs.edu/resources-for/current-students/student-handbook/>

Course Calendar

(All submission dates are posted within the CANVAS/ALEKS course online)

Final Exam – February 12, 2021

CLASS ASSIGNMENTS VIA ALEKS

Objective	Due Date	Quiz	Due Date
I: Multi/Div Fractions	01/24/2021	I: Multi/Div Fractions	01/25/2021
II: Add/Sub Fractions	01/30/2021	II: Add/Sub Fractions	01/31/2021
III: Decimal Notation	02/06/2021	III: Decimal Notation	02/07/2021
IV: Percent Notation	02/13/2021	IV: Percent Notation	02/14/2021

Syllabus Modifications

The instructor reserves the right to modify the syllabus at any time during the semester and will promptly notify students in writing, typically by e-mail, of any such changes.

Instructor's Practices and Procedures

Missed Assignments

NO MAKE-UP TEST

Academic Integrity

Anyone caught cheating on any assignment, will forfeit credit on the assignment.

Here's the link to the HCC information about academic integrity (Scholastic Dishonesty and Violation of Academic Scholastic Dishonesty and Grievance):

<http://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/>

Attendance Procedures

You must attend class on Monday of each week via WebEx on CANVAS.

Student Conduct

ACADEMIC INTEGRITY IS A MUST!

Per department policy, the use of any calculator during any exam in Math 0106, including the departmental final exam, is prohibited and will be considered cheating (see academic integrity section above).

Developmental Math Program Information

For more information on the developmental math program visit:
<https://learning.hccs.edu/programs/developmental-mathematics>

HCC Policies

Here's the link to the HCC Student Handbook <http://www.hccs.edu/resources-for/current-students/student-handbook/> In it you will find information about the following:

Academic Information	Incomplete Grades
Academic Support	International Student Services
Attendance, Repeating Courses, and Withdrawal	Health Awareness
Career Planning and Job Search	Libraries/Bookstore
Childcare	Police Services & Campus Safety
disAbility Support Services	Student Life at HCC
Electronic Devices	Student Rights and Responsibilities
Equal Educational Opportunity	Student Services
Financial Aid TV (FATV)	Testing
General Student Complaints	Transfer Planning
Grade of FX	Veteran Services

EGLS³

The EGLS³ (Evaluation for Greater Learning Student Survey System) will be available for most courses near the end of the term until finals start. This brief survey will give invaluable information to your faculty about their teaching. Results are anonymous and will be available to faculty and division chairs after the end of the term. EGLS³ surveys are only available for the Fall and Spring semesters. -EGLS³ surveys are not offered during the Summer semester due to logistical constraints.

<http://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/>

Campus Carry Link

Here's the link to the HCC information about Campus Carry:

<http://www.hccs.edu/departments/police/campus-carry/>

HCC Email Policy

When communicating via email, HCC requires students to communicate only through the HCC email system to protect your privacy. If you have not activated your HCC student email account, you can go [to HCC Eagle ID](#) and activate it now. You may also use Canvas Inbox to communicate.

Housing and Food Assistance for Students

Any student who faces challenges securing their foods or housing and believes this may affect their performance in the course is urged to contact the Dean of Students at their college for support. Furthermore, please notify the professor if you are comfortable in doing so.

This will enable HCC to provide any resources that HCC may possess.

Office of Institutional Equity

Use the link below to access the HCC Office of Institutional Equity, Inclusion, and Engagement (<http://www.hccs.edu/departments/institutional-equity/>)

disAbility Services

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations. Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to <http://www.hccs.edu/support-services/disability-services/>

Title IX

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross
 Director EEO/Compliance
 Office of Institutional Equity & Diversity

3100 Main
 (713) 718-8271
 Houston, TX 77266-7517 or Institutional.Equity@hccs.edu
<http://www.hccs.edu/departments/institutional-equity/title-ix-know-your-rights/>

Office of the Dean of Students

Contact the office of the Dean of Students to seek assistance in determining the correct complaint procedure to follow or to identify the appropriate academic dean or supervisor for informal resolution of complaints.

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/>

Department Chair Contact Information

College Level Math Courses

Susan Fife - Chair of Mathematics	SW Campus	713-718-7241	Stafford, Scarcella, N108
Jaime Hernandez - Associate Chair	CE Campus	713-718-7772	San Jacinto Building, Rm 369
Emmanuel Usen - Associate Chair	NE Campus	713-718-806	Northline, Rm324
Mahmoud Basharat - Associate Chair	NW Campus	713-718-2438	Katy Campus, Rm 112
Tiffany Pham - Admin. Assistant	SW Campus	713-718-7770	Stafford, Scarcella, N108
Christopher Cochran - Admin. Assistant	SW Campus	713-718-2477	Stafford, Scarcella, N108

Developmental Math Courses

Marisol Montemayor - Chair of Dev Math	SE Campus	713-718-7153	Felix Morales Building, Rm 124
Hien Nguyen - Associate Chair	SE Campus	713-718-2440	Felix Morales Building, Rm 124
Jack Hatton -Associate Chair	SW Campus	713-718-2434	Stafford, Learning Hub, Rm 201
Carmen Vasquez - Admin. Assistant	SE Campus	713-718-7056	Felix Morales Building, Rm 124

For issues related to your class, please first contact your instructor.
 If you need to contact departmental administration, contact the appropriate Associate Chair.
 If further administrative contact is necessary, contact the appropriate Department Chair.