



You Belong!

ccsj.edu

Calumet College of St. Joseph is a Catholic institution of higher learning dedicated to the academic, spiritual and ethical development of undergraduate and graduate students. Informed by the values of its founding religious community, the Missionaries of the Precious Blood (C.P.P.S.), the College promotes the inherent dignity of all people, social justice, an ethic of service, student empowerment, opportunity, and lifelong learning.

COURSE SYLLABUS, Fall 2018

MATH095A: Developmental Math

Instructor Information:

Instructor Name	Deanne Shimala, CPA
Office Number:	506
Phone Number:	219-218-7171
Email:	dshimala@ccsj.edu
Hours Available:	By appointment. Please contact me to schedule a time.
Instructor Background: Deanne is an Adjunct Instructor at Calumet College of St. Joseph. She earned her Master's degree in Taxation (MST) from DePaul University in Chicago, Illinois and her Bachelor's degree in Accounting from St. Joseph's College in Rensselaer, Indiana. She is a Registered CPA in Illinois and a member of the American Institute of Certified Public Accountants.	

Course Information:

Course Time:	Tuesday/Thursday 10:15 – 11:45 a.m.
Classroom:	TBA
Prerequisites:	None
Required Books and Materials:	Bello, I. (2006). <i>Basic College Mathematics: A Real World Approach</i> (4 th Edition). ISBN: 9780073384382 Calculator – to be used only during the second half of the semester. It is also suggested that you use Khan Academy as an additional resource outside of the classroom for help completing your homework. http://www.khanacademy.org/math/arithmetic http://www.khanacademy.org/math/pre-algebra

Learning Outcomes/ Competencies:

Through appropriate assessments students will demonstrate that they are able to:

- **Remember** the necessary steps and procedures for computing arithmetic operations with rational numbers.
- **Understand** what each computation means on a conceptual level.
- **Apply** their understanding of the concepts and use appropriate computations to solve application problems.

Course Description:

The student will study fundamental operations and properties of whole numbers, integers, rational numbers, and real numbers, including decimals, ratios, percent, proportions, and exponents. **Credit not applicable toward a**

degree.
Learning Strategies: Direct instruction via lecturing by instructor, in-class team exercises, collaborative learning, online IXL practice, regular exams. Please come prepared and read the assigned materials in advance of the class meeting.
Experiential Learning Opportunities: Applications of the course objectives.

Assessments:		
Major Assignments:	Chapter Exams (5) Final Exam IXL Assignments Textbook Homework In-Class Assignments	45% of grade 20% of grade 15% of grade 10% of grade 5% of grade
Class Participation	Class participation / attendance	5% of grade
Grading Scale		
	100 – 92: A	91 – 90: A-
89 – 88: B+	87 – 82: B	81 – 80: B-
79 – 78: C+	77 – 72: C	71 – 70: C-
69 – 68: D+	67 – 62: D	61 – 60: D-
59 and below	F	

Responsibilities	
Attending Class	<p>You cannot succeed in this class if you do not attend. We believe that intellectual growth and success in higher education occur through interaction in the classroom and laboratories. However, we do not want to penalize students for participating in college-sponsored events. When you miss class because of a college event, you must give notice of your absence <u>in advance</u>, and you are responsible for all missed work. Being absent doesn't excuse you from doing class work; you have more responsibilities to keep up and meet the objectives of this course.</p> <p>Credit is earned for active participation in each class attended. Failure to attend class for the entire scheduled class time and/or failure to participate in the class discussion will result in a loss of credit for the participation grade. You are responsible for all material covered in class, including announcements. If notice is given <u>in advance</u> for an absence related to college-sponsored events, your participation grade will be marked as "exempt" for the class session.</p>
Turning In Your Work	<p>You cannot succeed in this class if you do not turn in all your work on the day it is due.</p> <p>Mathematics is a participation sport! Thus, written assignments are an integral part of the learning process. Working problems is crucial to your success. Collecting assignments and giving points for them are meant to serve as an incentive. On written assignments, problems should be numbered and adequate work shown for each, with answers clearly marked. <u>Do not skip any problems and do NOT simply just provide your answer – all calculations must be shown and a box must be drawn around the final answer. Correct answers without accompanying work, where appropriate, will NOT be given full credit.</u> To receive full credit, <u>work should be neat, organized, stapled and complete, and should include the student's name, date and class on each page.</u> Be sure to give yourself enough time to complete the written assignment and to get help if needed.</p>

	<p>Homework assignments will be turned in and graded by Mrs. Shimala on the date of the exam corresponding with the chapter homework.</p> <p>Due dates for IXL assignments will be posted in Blackboard and announced in class.</p> <p>Because of the continuous flow of work between the students and the instructor and because students will do better work if they stay on schedule, <u>LATE WORK IS NOT ACCEPTED FOR ANY REASON.</u></p> <p>In class assignments cannot be made up, but your two lowest scores will be dropped at the end of the term. In class assignments will not be announced ahead of time.</p>
CCSJ Student Honor Code	<p>This course asks students to reaffirm the CCSJ Student Honor Code:</p> <p>I, as a student member of the Calumet College academic community, in accordance with the college's mission and in a spirit of mutual respect, pledge to:</p> <ul style="list-style-type: none"> • Continuously embrace honesty and curiosity in the pursuit of my educational goals; • Avoid all behaviors that could impede or distract from the academic progress of myself or other members of my community; • Do my own work with integrity at all times, in accordance with syllabi, and without giving or receiving inappropriate aid; • Do my utmost to act with commitment, inside and outside of class, to the goals and mission of Calumet College of St. Joseph.
Using Electronic Devices	<p>Electronic devices are out of place in the classroom. Please keep them silent and put away during class. Additionally, <u>no electronic devices of any kind are to be used on quizzes or exams. Utilization of an electronic device in any manner during a quiz or exam will result in a zero.</u></p>
Participating in Class	<p>You must be on time, stay for the whole class and speak up in a way that shows you have done the assigned reading and assignments. If you are not prepared for class discussion, you may be asked to leave, in which case you will be marked absent.</p>
Exams	<p><i>Attendance for scheduled exams is mandatory. As the lowest of the five chapter exam grades will be dropped at the end of the term, no exams may be made up for ANY reason.</i> If you must miss class because of a college event, you MUST make arrangements with Professor Shimala to take the exam PRIOR to the missed class. Otherwise, the exam will count as your one dropped exam grade.</p> <p>Exams are administered promptly at the beginning of class. If you are tardy, you will NOT be provided additional time to complete the exam.</p>
Doing Your Own Work	<p>If you turn in work that is not your own, you are subject to judicial review, and these procedures can be found in the College Catalog and the Student Planner. The maximum penalty for any form of academic dishonesty is dismissal from the College.</p> <p>Using standard citation guidelines, such as MLA or APA format, to document sources avoids plagiarism. The Library has reference copies of each of these manuals, and there are brief checklists in your Student Handbook and Planner.</p> <p>PLEASE NOTE: All papers may be electronically checked for plagiarism.</p>
Tracking Your Progress	<p>Your midterm grade will be available on MyCCSJ between Weeks 6 and 8. Be sure to see how you're doing and follow up with your instructor. Further, grades will be updated in the Blackboard gradebook on a weekly basis.</p>

Sharing Your Class Experience	At the end of the term, you will have the opportunity to evaluate your classroom experience. These confidential surveys are essential to our ongoing efforts to ensure that you have a great experience that leaves you well prepared for your future. Take the time to complete your course evaluations – we value your feedback!
Withdrawing from Class	After the last day established for class changes has passed (see the College calendar), you may withdraw from a course by following the policy outlined in the CCSJ Course Catalog.

Resources	
CCSJ Book Rental Program	The CCSJ Book Program ensures that everyone has the right course materials on the first day of class to be successful. You pay a book rental fee each semester, and in return, receive all the materials for all your classes prior to the beginning of classes. At the end of the semester, simply return the books. For traditional students, the Book Rental Program is conveniently located in the library, where students can pick up and return their books. For students in accelerated programs and graduate programs, books will be delivered to their homes and they can return them by mail. For more information, see http://www.ccsj.edu/bookstore . All books must be returned at the end of the semester or you will incur additional fees, which will be charged to your student account.
Student Success Center:	The Student Success Center provides faculty tutors at all levels to help you master specific subjects and develop effective learning skills. It is open to all students at no charge. You can contact the Student Success Center at 219 473-4287 or stop by the Library.
Disability Services:	Disability Services strives to meet the needs of all students by providing academic services in accordance with Americans with Disabilities Act (ADA) guidelines. If you believe that you need a “reasonable accommodation” because of a disability, contact the Disability Services Coordinator at 219-473-4349.
Student Assistance Program:	Through a partnership with Crown Counseling , Calumet College of St. Joseph provides a free Student Assistance Program (SAP) to current students. The SAP is a confidential counseling service provided to students for personal and school concerns which may be interfering with academic performance and/or quality of life. The SAP counselor is available on campus once a week and off-site at the Crown Counseling offices in Crown Point or Hammond. For more information, contact Kerry Knowles SAP Counselor , at 219-663-6353 (office), 219-413-3702 (cell), or kerryk@crowncounseling.org .
CCSJ Alerts:	Calumet College of St. Joseph’s emergency communications system will tell you about emergencies, weather-related closings, or other incidents via text, email, or voice messages. Please sign up for this important service annually on the College’s website at: http://www.ccsj.edu/alerts/index.html .

Course Outline			
Class Date	Topic	Homework Assigned	Textbook Homework Due Date
Tuesday, Aug. 28	Introduction to class Chapter 1: Whole Numbers	<u>Textbook:</u> Page 110 - #1-30 (all) <u>IXL:</u> IXL assignments and due dates for Chapter 1 material are posted in Blackboard	<u>9/11/2018 – Chapter 1 textbook homework is due at the beginning of class (Exam 1)</u>
Thursday, Aug. 30	Chapter 1: Whole Numbers	Continue with chapter 1 homework	
Tuesday, Sept. 4	Chapter 1: Whole Numbers	Continue with chapter 1 homework	
Thursday, Sept. 6	Chapter 2: Fractions and Mixed Numbers	<u>Textbook:</u> Page 205 - #1-40 (all) <u>IXL:</u> IXL assignments and due dates for Chapter 2 material are posted in Blackboard	<u>9/25/2018 – Chapter 2 textbook homework is due at the beginning of class (Exam 2)</u>
Tuesday, Sept. 11	<u>EXAM #1 – Chapter 1</u>		Chapter 1 textbook homework is due TODAY at the BEGINNING of class. NO LATE HOMEWORK will be accepted.
Thursday, Sept. 13	Chapter 2: Fractions and Mixed Numbers	Continue with chapter 2 homework	
Tuesday, Sept. 18	Chapter 2: Fractions and Mixed Numbers	Continue with chapter 2 homework	
Thursday, Sept. 20	Chapter 3: Decimals	<u>Textbook:</u> Page 263 - #1-25 (all) <u>IXL:</u> IXL assignments and due dates for Chapter 3 material are posted in Blackboard	<u>10/16/2018 – Chapter 3 textbook homework is due at the beginning of class (Exam 3)</u>
Tuesday, Sept. 25	<u>EXAM #2 – Chapter 2</u>		Chapter 2 textbook homework is due TODAY at the BEGINNING of class. NO LATE HOMEWORK will be accepted.
Thursday, Sept. 27	Chapter 3: Decimals	Continue with chapter 3 homework	
Tuesday, Oct. 2	Chapter 3: Decimals	Continue with chapter 3 homework	
Thursday, Oct. 4	Chapter 4: Ratio, Rate, Proportion	<u>Textbook:</u> Page 301 - #1-20 (all) <u>IXL:</u> IXL assignments and due dates for Chapter 4 material are posted in Blackboard	<u>10/16/2018 – Chapter 4 textbook homework is due at the beginning of class (Exam 3)</u>

Tuesday, Oct. 9	Chapter 4: Ratio, Rate, Proportion	Continue with chapter 4 homework	
Thursday, Oct. 11	Chapter 5: Percent	Textbook: Page 367 - #1-25 (all) IXL: IXL assignments and due dates for Chapter 5 material are posted in Blackboard	<u>11/6/2018 – Chapter 5 textbook homework is due at the beginning of class (Exam 4)</u>
Tuesday, Oct. 16	<u>EXAM #3 – Chapters 3 & 4</u>		<u>All Chapter 3 & 4 textbook homework is due TODAY at the BEGINNING of class. NO LATE HOMEWORK will be accepted.</u>
Thursday, Oct. 18	Chapter 5: Percent	Continue with chapter 5 homework	
Tuesday, Oct. 23	Chapter 5: Percent	Continue with chapter 5 homework	
Thursday, Oct. 25	Chapter 6: Statistics and Graphs	Textbook: Page 425 - #1-10 (all) IXL: IXL assignments and due dates for Chapter 6 material are posted in Blackboard	<u>11/6/2018 – Chapter 6 textbook homework is due at the beginning of class (Exam 4)</u>
Tuesday, Oct. 30	Chapter 6: Statistics and Graphs	Continue with chapter 6 homework	
Thursday, Nov. 1	Chapter 9: Real Numbers	Textbook: Page 602 - #1-25 (all) IXL: IXL assignments and due dates for Chapter 9 material are posted in Blackboard	<u>12/6/2018 – Chapter 9 textbook homework is due at the beginning of class (Exam 5)</u>
Tuesday, Nov. 6	<u>EXAM #4 – Chapters 5 & 6</u>		<u>All Chapter 5 & 6 textbook homework is due TODAY at the BEGINNING of class. NO LATE HOMEWORK will be accepted.</u>
Thursday, Nov. 8	Chapter 9: Real Numbers	Continue with chapter 9 homework	
Tuesday, Nov. 13	Chapter 9: Real Numbers	Continue with chapter 9 homework	
Thursday, Nov. 15	Chapter 10: Introduction to Algebra	Textbook: Page 663 - #1-20 (all) Page 665 - #1-12, 28-49 (all) IXL: IXL assignments and due dates for Chapter 10 material are posted in Blackboard	<u>12/6/2018 – Chapter 10 textbook homework is due at the beginning of class (Exam 5)</u>
Tuesday, Nov. 20 & Thursday, Nov. 22	NO CLASS	ENJOY YOUR THANKSGIVING BREAK!	
Tuesday, Nov. 27	Chapter 10: Introduction to Algebra	Continue with chapter 10 homework	

Thursday, Nov. 29	Chapter 10: Introduction to Algebra	Continue with chapter 10 homework	
Tuesday, Dec. 4	Final Exam Review (or catch up if needed)		
Thursday, Dec. 6	<u>EXAM #5 – Chapters 9 & 10</u>		<u>All Chapter 9 & 10 textbook homework is due TODAY at the BEGINNING of class. NO LATE HOMEWORK will be accepted.</u>
Tuesday, Dec. 11	Final Exam Review		
Thursday, Dec. 13	FINAL EXAM		

I reserve the right to change this schedule to meet the needs of the class.

Emergency Procedures

MEDICAL EMERGENCY

EMERGENCY ACTION

1. Call 911 and report incident.
2. Do not move the patient unless safety dictates.
3. Have someone direct emergency personnel to patient.
4. If trained: Use pressure to stop bleeding.
5. Provide basic life support as needed.

FIRE

EMERGENCY ACTION

1. Pull alarm (located by EXIT doors).
2. Leave the building.
3. Call 911 from a safe distance, and give the following information:
 - Location of the fire within the building.
 - A description of the fire and how it started (if known)

BUILDING EVACUATION

1. All building evacuations will occur when an alarm sounds and/or upon notification by security/safety personnel. **DO NOT ACTIVATE ALARM IN THE EVENT OF A BOMB THREAT.**
2. If necessary or if directed to do so by a designated emergency official, activate the building alarm.
3. When the building evacuation alarm is activated during an emergency, leave by the nearest marked exit and alert others to do the same.
4. Assist the disabled in exiting the building! Remember that the elevators are reserved for persons who are disabled. **DO NOT USE THE ELEVATORS IN CASE OF FIRE. DO NOT PANIC.**
5. Once outside, proceed to a clear area that is at least 500 feet away from the building. Keep streets, fire lanes, hydrant areas and walkways clear for emergency vehicles and personnel. The assembly point is the sidewalk in front of the college on New York Avenue.
6. **DO NOT RETURN** to the evacuated building unless told to do so by College official or emergency responders.

IF YOU HAVE A DISABILITY AND ARE UNABLE TO EVACUATE:

Stay calm, and take steps to protect yourself. If there is a working telephone, call 911 and tell the emergency dispatcher where you are **or** where you will be moving. If you must move,

1. Move to an exterior enclosed stairwell.
2. Request persons exiting by way of the stairway to notify the Fire Department of your location.
3. As soon as practical, move onto the stairway and await emergency personnel.
4. Prepare for emergencies by learning the locations of exit corridors and enclosed stairwells. Inform professors, and/or classmates of best methods of assistance during an emergency.

HAZARDOUS MATERIAL SPILL/RELEASE

EMERGENCY ACTION

1. Call 911 and report incident.
2. Secure the area.
3. Assist the injured.
4. Evacuate if necessary.

TORNADO

EMERGENCY ACTION

1. Avoid automobiles and open areas.
2. Move to a basement or corridor.
3. Stay away from windows.
4. Do not call 911 unless you require emergency assistance.

SHELTER IN PLACE

EMERGENCY ACTION

1. Stay inside a building.
2. Seek inside shelter if outside.
3. Seal off openings to your room if possible.
4. Remain in place until you are told that it is safe to leave.

BOMB THREATS

EMERGENCY ACTION

1. Call 911 and report incident.
2. If a suspicious object is observed (e.g. a bag or package left unattended):
 - Don't touch it!
 - Evacuate the area.

TERRORISM AND ACTIVE SHOOTER SITUATIONS

EMERGENCY ACTION

1. Call 911 and report intruder.

RUN, HIDE OR FIGHT TIPS:

1. **Prepare** – frequent training drills to prepare the most effectively.
2. **Run and take others with you** – learn to stay in groups if possible.
3. **Leave the cellphone.**
4. **Can't run? Hide** – lock the door and lock or block the door to prevent the shooter from coming inside the room.
5. **Silence your cellphone** -- use landline phone line.
6. **Why the landline?** It allows emergency responders to know your physical location.
7. **Fight** – learn to “fight for your life” by utilizing everything you can use as a weapon.
8. **Forget about getting shot – fight!** You want to buy time to distract the shooter to allow time for emergency responders to arrive.
9. **Aim high** – attack the shooter in the upper half of the body: the face, hands, shoulder, neck.
10. **Fight as a group** – the more people come together, the better the chance to take down the shooter.
11. **Whatever you do, do something** – “react immediately” is the better option to reduce traumatic incidents.