MATH 118 (Section 2) Fall 2017

Class Meetings: Monday, Tuesday, Wednesday, and Thursday 12:00-12:45 (Sci A 225)
Instructor: Dr. Sinan Kanbir
Office: D357 Science Building
Office Phone: (715) 346-2621
Email: skanbir@uwsp.edu
Office Hours: Monday 13:00-14:00 & Wednesday: 13:00 pm 14:00 pm or by appointment

Course Description:

4 credits hours. Topics include concepts, graphs, and properties of functions, inverse and algebraic functions, techniques of graphing, conic sections, linear and nonlinear systems, arithmetic and geometric series, mathematical induction and the binomial theorem. Preparation for 120 if you did not place into 120. Prereq: 100 or suitable placement test score. GDR: MATH BS BM/BFA. GEP: QL.

Course Learning Outcomes:

This course is designed to provide content background for students preparing to take some higher levels mathematics (Calculus I, etc.).As a General Education Quantitative Literacy course, the following learning outcomes must be met.

- Select, analyze, and interpret appropriate numerical data used in everyday life in numerical and graphical format.
- Identify and apply appropriate strategies of quantitative problem solving in theoretical and practical applications.
- Construct a conclusion using quantitative justification

Required Textbook/Resources:
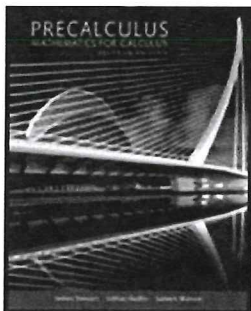
Precalculus: Mathematics for Calculus, 7th Edition by Stewart, Redlin & Watson (Cengage), available from UWSP Text Rental.
Topics taken from Chapters 1-4 and 10-12 of the textbook.

Other Resources/Materials

Web Assign: Will use this online homework platform on weekly bases. You need to buy its code separately from the Bookstore.

Calculators: A graphing calculator is required and should be brought to class daily. Computers, phones, and calculators that do symbolic algebra (TI-Nspire CAS, TI-89, etc.) are not allowed during exams or quizzes unless otherwise specified. For some questions and/or exams, it may not be allowed to use calculators. Cell phones are not allowed during exams or quizzes so you cannot use its calculator.

Course Structure and Tentative Requirements

Attendance: (20 points) You are expected to attend **ALL** classes. All tests are to be taken when scheduled and homework is due when indicated. **ANY exceptions must be arranged in advance.** If you are absent **9 classes** or more, your course grade will be "F". There will be no penalty for 3 absences (3 periods) during the whole semester. After the 3th absence, 5 points per absence will be subtracted from your total attendance points (**20 points**).
There will be no make-up exam with the possible exception of unforeseen emergencies (decided by instructor). If there is an emergency, the student must provide official written documentation and the make-up exam must be arranged within 5 calendar days. (This should be done through the Dean of Students or the Disability and Assistive Technology Center). Further, you are responsible for making sure that you have copies of **all** material distributed in class, announcements made in class, and content covered in class. (**Ask your friend to collect class works and assignments - try not to ask me to send materials**)

WARNING: Makeup tests and quizzes may be more difficult than scheduled assessment.

Participation: (25 points) You are expected to participate in the class activities and answering questions verbally or on the board. In your actively mode of learning environment, you are not only reading what others had written (receptive) but also to write and to speak using your expressive language. Not only listen my knowledge about mathematics (receptive) but also engage in the solution process and present your solution (**expressive**).
You will be asked to present solutions to the class, and your willingness to do so will be reflected in your grade. It is expected that you will present/write your solutions at least _5 times_ during the semester.

Web-Assign Assignments (80 points): The quick start guide will be provided to help you start using *Web Assign*. Online assignments will be evaluated and reflected on a weekly base.

Homework assignments (50 points): You will be asked to work on and hand in approximately ten paper homework assignments, which will give you the opportunity to solidify and further develop your understanding of ideas we will cover in class.

Weekly Quizzes (70 points): There will be quick weekly evaluations (20 minutes) based on a weeklong topics (e.g., Web Assign, HW, and in-class materials).

In-Class Evaluations (100 points): There will be **four** In-Class Evaluations scheduled regularly throughout the semester. These evaluations will comprise one entire 50-minute class period.

Mid-Term Exam (75 points): It will cover the first half of this semester's topics and will comprise one entire 50-minute class period. Study guide will also be provided.

Final Examination (180 points): The final examination time will be during finals week, which is 12/19/2017. (More information about the content will be provided.)

E. Grading

This 4-credit hour class requires 6–8 hours of outside of class study per week. Make sure that you schedule and put in those hours consistently throughout the semester. Your course grade will be calculated on a percentage basis (number of points earned out of number possible) and assigned a corresponding letter:

94-100% = A	90- 93 % = A-	
87-89% = B+	83-86% = B	80-82% = B-
76-79% = C+	73-75% = C	70-72% = C-
66-69% = D+	60-65% = D	
Less than 60% = F		

I will not use any kind of judgments to lower a student's final grade.

MATH 118Point Distribution (Dr. Kanbir)

Evaluation Item	Points (Max)	Note
Attendance	20	Minus 5 for each (Starting with your 4th absence) from the max point.
Participations	25	5 times solution presentations.
Web Assign	80	Weekly computer base assignments ≈ 10 times
Homework	50	Weekly paper base assignments ≈ 10 times
Weekly Quick Quizzes	70	Thursday_20 mins quick weekly class + WA materials ≈ 9 times
Class Evaluation Exams	100	Chapter base evaluations -4 times
Mid-Term Exam	75	First half evaluations
Final	180	Comprehensive
Total	**600**	

<u>In-Class Evaluations and Mid-Term Exam Dates</u>
In-Class Evaluation 1: September 28
In-Class Evaluation 2: October 19
Mid-Term Exam: November 2
In-Class Evaluation 3: November 22
In-Class Evaluation 4: December 13

- All of this requires a level of focus that cannot be obtained while you are using your cell phone (including texting, social networking, playing games or browsing the internet) or Reading other material (including preparing for other classes). The use of a cell phone (which includes texting), reading other materials, and other unproductive and disruptive behaviors are considered unprofessional. **Cell phones must be out of sight**.
- Activities such as talking or leaving the classroom while class is in session should be avoided.
- Any student needing to arrange a reasonable accommodation for a documented disability should contact Disability Concerns at 715-346-3365 or emailing datctr@uwsp.edu and/or by completing the
  http://www.uwsp.edu/disability/Documents/Request%20for%20Services.pdf
  For more information, check out the Assistive Technology website.
  http://www.uwsp.edu/assistive/Pages/default.aspx

Student's Record/Track Table			
MATH 118 Point Distributions (Dr. Kanbir)			
Evaluation Item		**Points (Max)**	**Note**
Attendance		20	Minus from the max (20)
Participation		25	
Web Assign 1			
Web Assign 2			
Web Assign 3			
Web Assign 4			
Web Assign 5			
Web Assign 6			
Web Assign 7			
Web Assign 8			
Web Assign 9			
Web Assign 10			
Homework			
Weekly Quiz 1			
Weekly Quiz 2			
Weekly Quiz 3			
Weekly Quiz 4			
Weekly Quiz 5			
Weekly Quiz 6			
Weekly Quiz 7			
Weekly Quiz 8			
Weekly Quiz 9			
In-Class Evaluation 1		25	
In-Class Evaluation 2		25	
In-Class Evaluation 3		25	
In-Class Evaluation 4		25	
Mid- Term Exam		75	
Final Exam		180	
Total		**600**	