| Integration <br> $\mathbf{( 1 0 \% )}$ | Demonstrates <br> integration of the <br> concepts presented | Demonstrates <br> some integration of <br> the concepts <br> presented | Demonstrates <br> limited integration <br> of the concepts <br> presented | Demonstrates no <br> integration of the <br> concepts <br> presented |
| :--- | :--- | :--- | :--- | :--- |
| Accuracy of <br> Computations/ <br> Solutions <br> $(15 \%)$ | Computations / <br> solutions are correct <br> and explained <br> correctly | Computations/ <br> solutions are <br> correct but not <br> explained well. | Computations/ <br> solutions have <br> some errors. | Incorrect <br> computations/ <br> solutions |

Additional Requirements
At least 3 written quizzes, 1 final exam, seatwork, assignment, recitation, group work

## Grading System

## Scale:

|  | FOR | FOR STUDENTS <br> with FINAL EXAM |  |
| :--- | :---: | :---: | :---: |
|  | EXEMPTED <br> STUDENTS <br> (w/out Final <br> Exam) | with <br> no missed <br> quiz | With <br> one missed <br> quiz |
| Average of quizzes | $90 \%$ | $60 \%$ | $50 \%$ |
| Seatwork, Assignment, <br> Learning Output | $10 \%$ | $10 \%$ | $10 \%$ |
| Final exam | - | $30 \%$ | $40 \%$ |


|  | IV. INTEGRALS OF TRANSCENDENTAL FUNCTIONS <br> 4.1 Integral Yielding the Natural Logarithmic Function <br> 4.2 Integral of Exponential Functions <br> 4.3 Integral of Trigonometric Functions <br> 4.4 Applications of Natural and Exponential Function | $\begin{gathered} \text { Week } \\ 7-10 \end{gathered}$ | Discuss integrals of transcendental functions and its applications to processes of growth and decay. Pre-discussion exercises, instruction add-ons and practice exercises may be taken from the online resources |
| :---: | :---: | :---: | :---: |
|  | V. TECHNIQUES OF INTEGRATION <br> 5.1 Integration by Parts <br> 5.2 Trigonometric Integrals (Powers of Sine, Cosine, Tangent, Cotangent, Secant and Cosecant) <br> 5.3 Integration of Rational Functions by Partial Fractions | $\begin{aligned} & \text { Week } \\ & 11-13 \end{aligned}$ | Discuss the need for special techniques of integration. <br> Pre-discussion exercises, instruction add-ons and practice exercises may be taken from the online resources |
|  | FINAL EXAMINATION | ( 2hrs) |  |

References
6. Students who get at least $89 \%$ in every quiz are exempted from taking the final examination. Their final grade will be based on the average of their quizzes and other pre-final course requirements. The final grade of exempted students who opt to take the final examination will be based on the prescribed computation of final grades inclusive of a final examination. Students who missed and/or took any special/make-up quiz will not be eligible for exemption.
7. Learning outputs are required and not optional to pass the course.
8. Mobile phones and other forms of communication devices should be on silent mode or turned off during class.
9. Students are expected to be attentive and exhibit the behavior of a mature and responsible individual during class. They are also expected to come to class on time and prepared.
10. Sleeping, bringing in food and drinks, and wearing a cap and sunglasses in class are not allowed.
11. Students who wish to go to the washroom must politely ask permission and, if given such, they should be back in class within 5 minutes. Only one student at a time may be allowed to leave the classroom for this purpose.
12. Students who are absent from the class for more than 5 meetings will get a final grade of 0.0 in the course.
13. Only students who are officially enrolled in the course are allowed to attend the class meetings.

