**COURSE REPORT**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course | | | 01006001 Introduction to Calculus 3 (3-0-6) | | | | | | | | | | | | | | | |
| Semester | | | 1/2020 | | | | | | Group | | | 1,2 | | | | | | | |
| Responsible Person | | | Asst.Prof. John Doe | | | | | | | | | | | | | | | | |
| Instructor(s) | | | Asst.Prof. John Doe, Dr. Mary Jane | | | | | | | | | | | | | | | | |
| Grade/Score Distribution | | | | | | | | | | | | | | Average | | | | 2.74 | |
| Grade | A | B+ | | B | C+ | C | | D+ | | D | F | | | | | I | | Total | |
| Scores | 91-100 | 86-90 | | 76-85 | 61-75 | 51-60 | | 46-50 | | 41-45 | 0-40 | | | | |  | |  | |
| Count | 5 | 10 | | 20 | 40 | 30 | | 10 | | 3 | 2 | | | | | 0 | | 120 | |
| % | 4 | 8 | | 17 | 33 | 25 | | 8 | | 3 | 2 | | | | | 0 | | 100 | |
| CLO Achievement Evaluation | | | | | | | | | | | | | | | | | | | |
| Course Learning Outcome | | | | | | | Evaluation Method/Criteria | | | | | | | | Evaluation Result | | | | |
| CLO-1 Apply techniques and theorems on limits to calculate limits of functions | | | | | | | Score of 8/10 or higher in Midterm Exam Problem 1 | | | | | | | | 75% of the class | | | | |
| CLO-2 Know the derivatives of power, trigonometric, exponential, hyperbolic, logarithmic and inverse trigonometric functions | | | | | | | Score of 8/10 or higher in Midterm Exam Problem 3 | | | | | | | | 72% of the class | | | | |
| CLO-3 Apply rules of differentiation to ﬁnd derivatives of sums, products and quotients and the derivatives of composite functions | | | | | | | Score of 8/10 or higher in Midterm Exam Problem 5 | | | | | | | | 90% of the class | | | | |
| CLO-4 Understand the relationships between derivatives, slopes, maxima, and minima of functions | | | | | | | Score of 8/10 or higher in Midterm Exam Problem 6 | | | | | | | | 70% of the class | | | | |
| CLO-5 Understand the concept of definite and indeﬁnite integrals | | | | | | | Score of 8/10 or higher in Final Exam Problem 1 | | | | | | | | 80% of the class | | | | |
| CLO-6 Apply techniques of integration, including substitution, partial fractions, integration by parts | | | | | | | Total score of 35/40 or higher in Final Exam Problems 3-5 | | | | | | | | 35% of the class | | | | |
| CLO-7 Apply differentiation and integration to solve real-world problems | | | | | | | Score of 8/10 or higher in Final Exam Problem 6 | | | | | | | | 32% of the class | | | | |
| CLO-8 Use a graphical calculator or mathematical software to aid the computations in Calculus | | | | | | | Score of 8/10 or higher in Homework 2 | | | | | | | | 90% of the class | | | | |
| Comment from Students | | | | | | | | | | | | | | | | | | | |
| Channel | | | | University course evaluation system | | | | | | | | | | | | | | | |
| Comment | | | | Don’t understand volume integration  Would like to have sample solutions to past exam papers | | | | | | | | | | | | | | | |
| Problems | | | | | | | | | | | | | | | | | | | |
| Broken projector  More than a third of the students could not manipulate trigonometric functions. | | | | | | | | | | | | | | | | | | | |
| Suggestions | | | | | | | | | | | | | | | | | | | |
| Offer Pre-Math course to freshmen  Set minimum PAT 1 score as an admission requirement | | | | | | | | | | | | | | | | | | | |
| Signature | | | Asst.Prof. John Doe | | | | | | | | | | Date | | | | 10 Jan 2021 | | |