**Ankara University  
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**Open Courseware**

syllabus

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| Code and name of the course | MTH0101 Calculus I |
| Instructor(s) | Assoc. Prof. Dr. Gizem Seyhan Öztepe |
| Level | Undergraduate |
| Course Duration | 4 hour/week |
| Course describtion | Function, limit, continuity, derivative, application of the derivative, curve sketching, differential, linear approximation, indefinite integral. |
| Course aims & Objectivties | This lecture deals with limit, continuity, derivative, application of derivative, curve sketching and indefinite integral of univariate functions. |
| Language of Instruction | English |
| Prerequisites | - |
| Recommended Sources | 1) Calculus: A New Horizon, Anton Howard, 6th Edition; John Wiley & Sons.  2) Calculus A complete course R. A. Adams & C.Essex, 9th edition, Pearson  3) Calculus with Analytic Geometry, C.H. Edwards; Prentice Hall.  4) Calculus with Analytic Geometry, R. A. Silverman; Prentice Hall. |
| Course credit | 4 |
| Laboratuvar |  |
| Others-1 |  |