



AP CAL BC

2024-25 Winter Program
@Bluekey Prep Apgujeong

INSTRUCTOR

최영노 (University of Michigan Ann Arbor/KAIST)

COURSE DESCRIPTION

- Session 1
12/16(월) - 12/21(토) & 12/23(월) - 12/27(금), 총 10회
 - Session 2
12/23(월) - 1/4(토), 총 10회
- ** 12/25, 1/1 휴강

CLASS PLAN

- Day 1 (S1) - Fundamental Theorem of Calculus
- Day 2 (S1) - Integral by Substitution and Parts
- Day 3 (S1) - Areas and Volumes
- Day 4 (S1) - Differential Equations
- Day 5 (S1) - Improper Integrals
- Day 6 (S1) - Parametric, Vector, and Polar Functions
- Day 7 (S1) / Day 1 (S2) - Sequences, Relative Rate of Functions
- Day 8 (S1) / Day 2 (S2) - Convergence Tests for Series 1
- Day 9 (S1) / Day 3 (S2) - Convergence Tests for Series 2
- Day 10 (S1) / Day 4 (S2) - Taylor's Theorem
- Day 5 (S2) - Fundamental Theorem of Calculus
- Day 6 (S2) - Fundamental Theorem of Calculus
- Day 7 (S2) - Integral by Substitution and Parts
- Day 8 (S2) - Differential Equations
- Day 9 (S2) - Improper Integrals
- Day 10 (S2) - Parametric, Vector, and Polar Functions