

Math 122 Schedule

Sessions

11:00–11:50 – Substitution, Parts, Trig Integrals, Trig Substitution, Hyperbolic Trig, Partial Fractions (Vincent)

11:55–12:45 – Improper Integrals, Numerical Integration, Probability, Arc Length, Fluid Pressure and Force, Center of Mass (Sam)

12:50–1:40 – Differential Equations, $y'=k(y-b)y' = k(y-b)y'=k(y-b)$, Slope Fields and Euler's Method, Logistic Growth, Linear Differential Equations, Applications of Linear Differential Equations (Stella)

1:40–2:10 Break

2:10–3:00 – Sequences, Series, Integral Test, Comparison and Limit Comparison Test, Ratio and Root Test, Alternating Series Test (Sophia)

3:05–3:55 – Power Series, Taylor Polynomials, Taylor Series, Parametric Equations, Parametric Arc Length, Polar Coordinates (Mollie)

4:00–4:50 – Polar Area, Vectors, Lines, Dot Product, Cross Product, Planes (Konrad)

Office Hours

10:00–11:00 – Vincent, Jonathan

11:00–12:00 – Jonathan, Sam

12:00–1:00 – Jonathan, Vincent

1:00–2:00 – Sophia

2:00–3:00 – Mollie

3:00–4:00 – Konrad, Sophia