

Tentative Weekly Schedule

LQ# = Lecture Quiz #

X# = Xronos HW #

| Week | Monday | Tuesday | Wednesday | Thursday | Friday |
|------|---|--|-------------------------|--|---------------------------------------|
| 1 | 13 May 3D system | 14 May Vectors | 15 May | 16 May Dot Product | 17 May Cross Product |
| Due | | LQ1 | | X1, X2 | LQ2, LQ3 |
| 2 | 20 May Lines & Planes | 21 May Quadratic Surfaces & QUIZ 1 | 22 May | 23 May Vector Functions | 24 May Arc length & Curvature |
| Due | X3, X4 | LQ4, LQ5 | | X5, X6 | LQ6, LQ7 |
| 3 | 27 May HOLIDAY | 28 May Motion in Space & QUIZ 2 | 29 May | 30 May Review | 31 May EXAM 1 |
| Due | LQ8 | X7, X8 | | LQ9, X9 | |
| 4 | 3 June Multivariable functions | 4 June Limits & Continuity | 5 June | 6 June Partial Derivatives | 7 June Tangents & Approximation |
| Due | | LQ10 | | X10 | LQ11, LQ12 |
| 5 | 10 June Chain Rule | 11 June Directional Derivative & Gradient QUIZ 3 | 12 June | 13 June Gradients & Tangent Planes | 14 June Maximums & Minimums |
| Due | LQ13 | X11, X12 | | LQ14, LQ15 | X13, X14, X15 |
| 6 | 17 June Lagrange Multipliers | 18 June Review QUIZ 4 | 19 June HOLIDAY | 20 June Review | 21 June EXAM 2 |
| Due | LQ16, LQ17 | X16, X17 | | LQ18, X18 | |
| 7 | 24 June Spring Break | 25 June Spring Break | 26 June Spring Break | 27 June Spring Break | 28 June Spring Break |
| Due | | | | | |
| 8 | 1 July Double Integrals over Rectangles | 2 July Double Integrals over Regions | 3 July | 4 July HOLIDAY | 5 July Change of Coordinates |
| Due | | | | | LQ19, X19 |

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|------|---|---|-----------|---|---|
| 9 | 8 July Change of Variables in Integration | 9 July Integration in Polar Coordinates QUIZ 5 | 10 July | 11 July Triple Integrals over Rectangles | 12 July Integration in Cylindrical Coordinates |
| Due | LQ20, LQ21 | LQ22, X20, X21 | | LQ23, X22 | X23 |
| 10 | 15 July Integration in Spherical Coordinates | 16 July Review QUIZ 6 | 17 July | 18 July Review | 19 July EXAM 3 |
| Due | LQ24, LQ25 | X24, X25 | | LQ26, X26 | |
| 11 | 22 July Vector Fields | 23 July Line Integrals | 24 July | 25 July Line Integrals (cont.) | 26 July Green's Theorem |
| Due | | | | LQ27 | X27 |
| 12 | 29 July Parametric Surfaces | 30 July Surface Integrals QUIZ 7 | 31 July | 1 August Surface Integrals (cont.) | 2 August Stokes' Theorem |
| Due | LQ28, LQ29 | X28, X29 | | LQ30, LQ31 | X30, X31 |
| 13 | 5 August Divergence Theorem | 6 August Divergence Theorem (cont.) QUIZ 8 | 7 August | 8 August Review | 9 August FINAL EXAM |
| Due | LQ32, LQ33 | X32, X33 | | LQ34, X34 | |