**Tentative DEQ 4th Quarter Schedule**

**2023--2024**

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| DAY # | DATE | TODAY’S TOPIC | Assignments |
| Week 1 | 3/25 | Teacher in-service |  |
|  | 3/26 |  |  |
|  | 3/27-28 | Lesson 5.1 Intro to Systems |  |
|  | 3/29 | Spring Holiday |  |
| Week 2 | 4/1 | Lesson 5.2 Elimination Method |  |
|  | 4/2 | Lesson 5.3 Solving Systems Numerically |  |
|  | 4/3-4 | Lesson 5.4 The Phase Plane |  |
|  | 4/5 | Quiz 5.2 – 5.4 |  |
| Week 3 | 4/8 | Lesson 6.1 Higher Order DEQs | Trad Scd |
|  | 4/9 | Lesson 6.2 Homogeneous Linear Equations with Constant Coefficients | 1-3-5 block, 50 min classes |
|  | 4/10 |  | 2-4-6 Block, 50 min classes |
|  | 4/11 | 15 minute classes |  |
|  | 4/12 | Lesson 6.3 The Annihilation Operator | Trad Scd |
| Week 4 | 4/15 | Lesson 6.4 Revisiting Variation of Parameters |  |
|  | 4/16 | Work Day |  |
|  | 4/17-18 | Ch 6 Test |  |
|  | 4/19 | Lesson 7.2 The Laplace Transform |  |
| Week 5 | 4/22 | Lesson 7.3 Laplace Transform Properties |  |
|  | 4/23 | Lesson 7.4 Inverse Laplace Transform |  |
|  | 4/24-25 | Lesson 7.5 IVPs |  |
|  | 4/26 | Lesson 7.6 Discontinuous and Periodic Transformations |  |
| Week 6 | 4/29 | Lesson 9.1/9.2 Matrix Methods |  |
|  | 4/30 | Lesson 9.3 Matrices and Vectors |  |
|  | 5/1-2 | Ch 7 Test |  |
|  | 5/3 | Lesson 9.4 Linear Systems in Normal Form |  |
| Week 7 | 5/6 | Lesson 9.5 Homogeneous Linear Systems with Constant Coefficients | AP Testing 5/6 – 5/17 |
|  | 5/7 | Lesson 9.6 Complex Eigenvalues |  |
|  | 5/8-9 | Lesson 9.7 Nonhomogeneous Linear Systems |  |
|  | 5/10 | Ch 9 Test |  |
| Week 8 | 5/13 | Practice |  |
|  | 5/14 | Practice |  |
|  | 5/15-16 | Senior Finals |  |
|  | 5/17 | Senior Finals | End AP Testing |
| Week 9 | 5/20 | Practice |  |
|  | 5/21 | Practice |  |
|  | 5/22 | Finals 1, 3, 5/Seniors graduate |  |
|  | 5/23 | Finals 2, 4, 6 |  |