2018-2019Tentative Course Schedule

This schedule may be changed at the discretion of the instructor to meet the needs of the class. **PreCalculus Assignments**  
**Key:** even = even problems (x3) = multiples of three (3, 6, 9, 12, …)  
 odd = odd problems eoo = every other odd problem

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| Week | Monday | Tuesday | Wednesday/Thursday | | Friday |
| 1  1/6 – 1/10 | Workday | In-service | P.3.1 (day 1) Reference Angles  3-12(x3), 13-28, 30-42(x3) | P.3.1 (day 2) More w/Reference Angles  49-79(odd), 85-90 | P.3.2 (day 1) Radians and Degrees  1-21(odd), 29-47(odd) |
| 2  1/13 – 1/17 | P.3.2 (day 2) More w/Radians and Degrees  49-70, 72-87(x3) | P.3.3 (day 1) TRIG DEF III: Circle Trig  1-7(odd), 9-26 | P.3.3 (day 2) More w/Circle Trig  27-33(odd), 39-44, 47, 51  Review/HW Q&A | | Trig Packet Test #2 |
| 3  1/20 – 1/24 | Martin Luther King Jr. Day | 4.4 (day 1) Amplitude/Period  p.357 1-21(odd), 29-39(odd) | 4.4 (day 2) Phase Shift/Vertical Tran  p.358 62-68(even) (**include graphs on each**)  More Practice with Graphing  4.4 (day 3) Guess My Equation  p.357 45-49, 51-59(odd), 69 | | 4.5 (day 1) Reciprocal Curves  p.365 5-27(odd) |
| 4  1/27 –1/31 | 4.5 (day 2) Reciprocal Curves  p.366 29-40 | 4.7 (day 1) Inverse Functions  p.385 1-20, 23-32, 33-36 (**with graphs!**), 48-52(even), 59-62 | More Practice with Graphing  Review | | 4.4-4.7 Test |
| 5  2/3 – 2/7 | 5.1 (day 1) Trig Identities  p.410 2-38(even) | 5.1 (day 2) Trig Identities  p.411 40-68(even), 77-80 | 5.2 (day 1) Proving Trig Identities  p.418 6-39(x3)  5.2 (day 2) Proving Trig Identities  p.419 42-56(even) | | 5.2 (day 3) Proving Trig Identities |
| 6  2/10 – 2/14 | 5.3 Sum and Difference  p.425 1-22 all | 5.3 Sum and Difference  p.426 23-27(odd), 30, 35, 37, 42, 47, 49 | 5.4 Double and Half Angle  p.432 5-10, 11-21(odd), 23-24  Review | | 5.1-5.4 Test |
| 7  2/17 – 2/21 | Presidents Day | 5.5 (day 1) Law of Sines  p.439 1-12, 37, 39, 43, 44, 45, 49, 51 | 5.5 (day 2) Law of Sines Ambiguous  p.439 19-22, 27-36 | | 5.6 (day 1) Law of Cosines  p.448 2-16(even), 29, 30 |
| 8  2/24 – 2/28 | 5.6 (day 2) Law of Cosines  p.448 17-28, 31, 32, 47, 49, 50 | 7.1 2 Variable Systems Review  p.526 2-12(even), 31-34 (graphs), 53, 57-58 | 7.1 2 Variable System Review  p.526 13-18, 20-26(even), 27-30, 37-39  7.3 3 Variable Systems BY HAND  p.552 1-7(odd), 35-43(odd), 65, 73 | | 7.3 3 Variable Systems RREF |

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| 9  3/2 – 3/6 | 7.4 (day 1) Step One of PFD  p.562 1-4 | 7.4 (day 2) Steps 2-4 of PFD  p.562 5-10  7.4 (day 3) PFD  p.563 14-32(even) but skip #26 and replace with #25 | Workday and Review | | 7.1-7.4 Test |
| 10  3/9 – 3/13 | 9.4 (day 1) Sequences  p.676 1-10, 21-28 | 9.4 (day 2) Sequences  p.676 11-20, 29-35(odd), 45,47 | 9.4 (day 3) | Workday | In-Service |
| 11  3/16 – 3/20 | Spring Break | Spring Break | Spring Break | Spring Break | Spring Break |
| 12  3/23 – 3/27 | 9.5 (day 1) Series  p.684 1-22 | 9.5 (day 2) Series  p.685 23-36 | Review | | 8.1-9.5 Test |
| 13  3/30 – 4/3 | Packet 4.1 Function Review  p.144 13-43(odd) | Packet 4.2 Function Review  p.150 1-11(odd), 19, 21, 27 | Packet 4.3 Function Review  p.155 1-27(odd) and  Review | | 4.1-4.3 Test |
| 14  4/6 – 4/10 | 4.4 (day 1) Limits  p.161 1-6, 27-32 | 4.4 (day 2) Limits  p.162 13-16, 34-40 | 10.3 (day 1) Limits **IN BOOK** p.763 1-17(odd), 21-31, 38, 39, 55-64, 84-87 | | 4.5 Limits  p.165 1-18, 21, 22, |
| 15  4/13 – 4/17 | 4.6 (day 1) Intermediate Value Theorem  p.170 1-10 | SAT and PARCC Testing | PSAT and PARCC Testing | Location Principle p.171 11-22 | 4.7 Something/Big Graphs  p.176 1-12 |
| 16  4/20 – 4/24 | Review | 4.4-4.7 Test | 6.1 (day 1) Derivatives Def #1  p.225 1-8 | | 6.1 (day 2) Derivatives Def #2  p.225 9-18 |
| 17  4/27 – 5/1 | 6.2 (day 1) Power Rules and Basics  p.229 1-6 | 6.2 (day 2) Product and Quotient  p.229 7-16 | 6.4 (day 1) Chain Rule  p.236 1-12 | | 6.4 (day 2) Chain Rule  p.237 27-30 |
| 18  5/4 – 5/8 | 6.3 Second Derivative  p.233 1-12, 13-22 | Review | 6.1-6.4 Test  6.5 (day 1) Inc./Dec. Relative Extrema  p.240 1-9 | | 6.5 (day 2) Stationary Points  p.240 |
| 19  5/11 – 5/15 | SENIOR FINALS???  6.6 (day 1) Concavity  p.244 1-10 | SENIOR FINALS???  6.6 (day 2) Concavity/2nd Derivative Test  p.244 11-14 | Review | | 6.5-6.6 Test |
| 20  5/18 – 5/22 | Review | Graduation | Finals | Finals | Workday |