Trig — Spring, 2026

TUESDAY

Jan 27

9:35 – 9:55	**Review**
9:55 – 10:40	**Lecture**
10:40 – 10:55	**Break**
10:55 – 11:45	**Lecture**
11:45 – 12:05	Quiz

HW

A. Online Practice:

Ch 1 – #1, #5–#8, #10
Ch 2 – All
Ch 3 – #1, #2, #4

B. Calculate each trig value:

1. $\tan 80°$
2. $\tan 0°$
3. $\tan 42.7°$
4. $\tan 90°$
5. Prove that

$$\tan(10° + 20°) = \tan 10° + \tan 20°$$

is a false statement.

THURSDAY

Jan 29

Review ✓

Lecture:

$\tan 0°$, $\tan 90°$, *why*? ✓
The 3 trig functions ✓

Quiz #1 ✓

On Tuesday's HW

HW – Online Practice

Ch 1 – All
Ch 2 – All
Ch 3 – All
Ch 4 – #1
Ch 5 – #1, #2
Ch 6 – #4
Ch 8 – #1

Feb 3

Review Quiz
Review HW

Sin graph
Amp, Freq, Sound, Electromag.

Quiz #2 ✓
on Thursday's HW
One 3 in. by 5 in. index card allowed

HW – Online Practice

Ch 3 – All
Ch 4 – All
Ch 5 – All
Ch 6 – All

Feb 5

Quiz #3 ✓
One 3 in. by 5 in. index card allowed

HW

Ch 4 – #3 (pay close attention)
Ch 5 – #3, #4, #5, #6
Ch 6 – #1
Ch 7 – All
Ch 8 – All
Ch 9 – #1, #2, #3, #4

Feb 10

Quiz #4 ✓
One 3 in. by 5 in. index card allowed

HW

Ch 4 – #3
Ch 6 – #5
Ch 9 – #5
Ch 10 – All
Ch 11 – All

Feb 12

Review for Test #1

Quiz #5 ✓

HW

Study for Test #1

Feb 17 **TEST #1** **HW** **Ch 15 – Do as many as you possibly can.**	Feb 19 **Quiz #6** ✓ **HW** **Ch 15 – *More and Still More*** **Ch 13 – #1, #2, #3** **Ch 16 – #1, #2, #3, #4, #5, #6** **Ch 21 – #1, #2, #3, #4**
Feb 24 **Quiz #7** ✓ One 3 in. by 5 in. index card allowed **HW** **Ch 15 – *More and Still More*** **Ch 17 – #1, #2, #3** **Ch 18 – All** **Ch 19 – All** **Ch 21 – #4, #5**	Feb 26 **Quiz #8** ✓ One 3 in. by 5 in. index card allowed **HW** **Ch 17 – #4** **Ch 19 – #2** **Ch 21 – #5** **Ch 22 – All** **Ch 23 – All** **Ch 24 – #1, #2**

Mar 3 **Quiz #9** ✓ **HW** **Ch 20 – #1, #2, #6** **Ch 22 – All** **Ch 23 – All** **Ch 24 – #1, #2, #3**	Mar 5 **Quiz #10** ✓ **HW** **Ch 20 – All** **Ch 23 – #4** **Ch 24 – All** **Ch 25 – All** **Ch 26 – #1, #2, #3, #4** **Ch 27 – All** **Ch 28 – #1, #2, #3**
Mar 10 **Quiz #11** ✓ **HW** **Ch 24 – #3, #4** **Ch 25 – #4, #5** **Ch 26 – #1, #2, #3, #4, #5, #7** **Ch 27 – All**	Mar 12 ***Review for Test #2*** **Quiz #12** ✓

Mar 17

TEST #2 ✓

HW

Ch 29 – #1, #2, #3, #4, #5

Mar 19

Quiz #13 ✓

HW

Ch 26 –All

Ch 29 – All

Ch 30 –

#1 (Find *h* only)

#2 (Find *R* only)

#3 (Parts a. and b.)

#4

#5

Ch 32 – #1, #2, #3

Ch 33 – #1, #2

Mar 24, Mar 26 ✓ ✓

Mar 31 **Quiz #14** ✓ **HW** **Ch 30 – #1, All Problems** **Ch 33 – #3, #6,** **#7, ignore the *tan* problems** **#7 HW Link, ignore the *tan* problems**	Apr 2 **Quiz #15** ✓ **HW** **Ch 30 – ALL!** **Ch 33 – #1, #2, #3, #6** **#7, ignore the *tan* problems** **#7 HW Link, ignore the *tan* problems** **Ch 34 – #1, #2, #3**
Apr 7 **Quiz #16** ✓ **HW** **Ch 30 – #3, #5** **Ch 33 – #6,** **#7, ignore the *tan* problems** **#7 HW Link, ignore the *tan* problems** **Ch 34 – #2, #3** **Ch 37 – All**	Apr 9 **Quiz #17** ✓ **HW** **Ch 30 – #3 (all parts), #5** **Ch 35 – #1, #2, #3** **Ch 37 – All**

Apr 14	Apr 16
Quiz #18 ✓ **HW** **Ch 30 – #3 (all parts), #5** **Ch 35 – #1, #2, #3** **Ignore TAN problems** **Ch 37 – All**	**Quiz #19** ✓ **Review for Test #3**
Apr 21 **TEST #3**	Apr 23 **HW** **Ch 39 – All, calculator for #1 only** **Ch 41** **Ch 42 – #1, #2, #3, #4**

Apr 28

Quiz #20 ✓

Ch 39 – All, calculator for #1 only

Ch 41

Ch 42 – #1, #2, #3, #4

Find the **period** and **horizontal shift** for each function:

1. $y = 3\sin(6\pi x - \pi)$
2. $y = -2\cos(5x + 15)$
3. $y = \sin(3x - 14)$
4. $y = \sin(0.5x + 8)$
5. $y = 8\cos\left(\frac{2\pi}{3}x - \frac{1}{4}\right)$

Apr 30

Quiz #21 ✓

Ch 38 – #1, #2, #3, #4

Ch 45 – #1, #2, #3, #4

#5 (Ignore the tan functions)

#7, #8

May 5

Quiz #22 ✓

Ch 38 – All

Ch 39 – All

Ch 45 – All

May 7

Quiz #23

May 12

Quiz #24

May 14

Quiz #25

May 19 **Quiz #26** ***Review for Test #4***	May 21 **TEST #4**