

MAC 1114 COLLEGE TRIGONOMETRY, SECTION 0011

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1.1	10-13	1-13 ODD, 14, 15, 21, 29, 37, 39, 43, 47, 55
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REVIEW	47-51	1-10, 13, 15
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2.2	Study Pages 67- 69	
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2.3	81-85	1-19 odd, 41, 43, 45, 51, 57, 83, 85, 93, 101
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Example: Convert 2.54 hours to hours-minutes-seconds representation.

We first convert the decimal part (.54) from hours to minutes: $.54 \times 60 = 32.4$ minutes.
Next we convert the decimal part (.4) from minutes to seconds: $.4 \times 60 = 24$ seconds. Thus

$$2.54 \text{ hours} = 2 \text{ hours } 32' 24''$$

Example: Convert 2 hours 32' 24" to decimal representation in hours.

$$2 + \frac{32}{60} + \frac{24}{3600} = 2 + \frac{32}{60} + \frac{2}{300} = 2 + \frac{160 + 2}{300} = 2 + \frac{162}{300} = 2 + \frac{54}{100} = 2 + .54 = 2.54$$

MATH LAB (ROOM 113)

You are encouraged to utilize the Math Lab if you have difficulties with the material. An excellent group of tutors has been assembled to help students. The hours of operation are as follows:

Monday to Thursday:	9:00 am – 7:00 pm
Friday:	9:00 am – 3:00 pm
Sunday:	2:00 pm – 6:00 pm