Phys 233-Ch7 part1 Feb 21 2017 measur coapter clockwise s= arclength O(radians) = 5 = arclast Angular
position So, anange of I radian has an arclength, s=1 Period\* where 13 this in degrees? 5/1 57.3 5-44 = C.78 Circum = 5 = ITM = 2TT rad

This is a faculty time certification email example:

To: Budget Manager
From: Alvera Janis
Subject: Certification of time for Billy Martinez – PP#4

I, Alvera Janis, certify that Billy Martinez is making acceptable progress on his Research Assistantship project on March 10 – 24, 2016 as indicated by his logbook (attached). By sending this email, I certify that I have verified that Billy Martinez has completed daily tasks as indicated in his digital logbook and has uploaded copies of papers found, GIS data, laboratory sheets, spreadsheets, and R Markdown documents to his Google Drive shared folder.

Other work-related questions: Our research assistant pay schedule is consistent with prevailing wages at OLC and on the Pine Ridge reservation. The Registrar determines class status and RAs are responsible for initiating pay raises based on changes in class status with the Budget Manager; phone: 605-455-6124, email: aprovost@olc.edu.

Piya Wiconi is the designated place of work for RAs, and RAs are required to work Fridays at Piya Wiconi. RAs may be allowed to work at College Centers on other days pending both mentor and TCUP PI approval. Some important provisions to consider are:

- Part-time employees are limited to 990 hours per year: Oct 1 Sept 30. RAs are limited to 19 hours per week (38 hours per pay period) during the academic year and 35 hours per week (70 hours per pay period during Spring and Christmas breaks;
- A 30-minute lunch break is required for work greater than 4 hours.
- Hours without documentation will not be submitted for payment. A completed **signed** timesheet needs to on Alicia Provost's desk by close of business on Friday, or the timesheet may not be submitted for payment for that pay period.

Research assistantships are intended to supplement your academic experience. In practical terms RAs acknowledge the following practices are prohibited and represent a breach of conduct:

- Skipping classes to work on your research/outreach.
- Submitting hours for attendance on class-related fieldtrips.
- Submitting hours to complete homework

Mileage will not be paid to research assistants traveling to or from their place of work at Piya Wiconi, to the field or alternative work location without prior written authorization from the TCUP PI.

Research Assistant Conduct: As OLC employees student research assistants follow OLC policy for employee conduct including acting respectfully to other staff and supervisors (who include all full-time STEM staff), honest reporting of time, and using funds obligated for travel in an appropriate way, and working on activities related to STEM departmental goals and objectives (e.g. non-work related internet use, Facebook, Twitter, IM clients, and excessive use of texting and cell

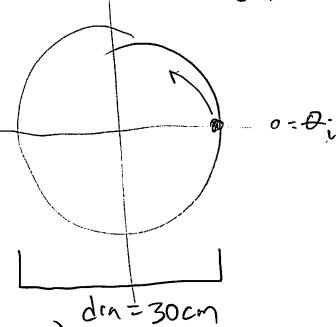
Fe521 2017 Phys 233-Ch7pmt1 un. Som Linear motion DX2 = 2DX1 DX = DISPlacemt K Uniform Circular motion relocity w= angular dist = AE InearVelocity T = linear DISP = AX InearVelocity T = time introd

Appendix 1. Research Mentors and Sub-disciplines

MENTOR	DISCIPLINE	SUBDISCIPLINE	EMAIL
GHARLES "JASON" TINANT	SEM PreEngineering	Water Resources	jtinant@olc.edu
	Earth Science	Hydrology	-65
#15 4.6		Ecosystem Ecology	
JAMES "JIM" SANOVIA	SEM PreEngineering	Sustainability	jsanovia@olc.edu
	Earth Science	GIS Remote Sensing	
ALESSANDRA "ALE" HIGA	Ecology	Community Ecology	ahiga@olc.edu
## - 10 ## 1	Biology	Wildlife	
REQUAW WEST	Biology	Parasitology	rwest@olc.edu
HANNAN LAGARRY	Earth Science	Geology	hlagarry@olc.edu
24 114		Paleontology	4
DEIG SANDOVAL	Chemistry	Organic	deig@olc.edu
E4 : 42		Analytical	
And the second s		Device Design	
JASON FUNK	Life Science		jfunk@olc.edu
MERLE "MISTY" BRAVE	Science Education	STEM Outreach	mbrave@olc.edu
JAMES "JIM" DUDEK	Information Technology		jdudek@olc.edu

Roclieffe Wheel

ball travels 2 revolations in 1.7 sec



What is its angular Velocity?

What is the position Ct=2.0 sei2.

$$0.6$$
 1.2  $1.8$   $2.4$   $1.8$   $1.4$   $1.4$   $1.8$   $1.4$ 

$$W = \frac{\Delta Q}{\Delta t} = \frac{4\pi rad}{1.2 \text{ Sec}}$$

$$W = \frac{4(22)}{(1.2)7} = 10 \text{ Apra}$$

$$W = \frac{600^{\circ}}{1.2 \text{ Apra}}$$

Angular Position @ E=Z,0 sec

05 = 0; + Wat = 0+ 10,47500.2.05cc = 20.94500

- 14.12 Engineering Physics
- 14.13 Engineering Science
- 14.27 Systems Engineering
- 30.06 Systems Science and Theory
- 14.11 Engineering Mechanics
- 14.19 Mechanical Engineering
- 14.06 Ceramic Sciences and Engineering
- 14.18 Materials Engineering
- 14.20 Metallurgical Engineering
- 14.28 Textile Sciences and Engineering
- 14.31 Materials Science
- 40.9999 Physical Sciences, Other
- 14.21 Mining and Mineral Engineering
- 14.23 Nuclear Engineering
- 14.25 Petroleum Engineering
- 14.01 Engineering, General
- 14.22 Naval Architecture and Marine Engineering
- 14.24 Ocean Engineering
- 14.99 Engineering, Other

## **Environmental Science**

03.0103 Environmental Studies

03.0104 Environmental Science

## Geosciences

40.06 Geological and Earth Sciences/Geosciences

## Life/Biological Sciences

26.1303 Evolutionary Biology

26.0806 Human/Medical Genetics

26.05 Microbiological Sciences and Immunology

26.0507 Immunology

26.0504 Virology

26.0503 Medical Microbiology and Bacteriology

26.0608 Neuroscience

19.05 Foods, Nutrition, and Related Services

30.1901 Nutritional Sciences

26.0910 Pathology/Experimental Pathology

26.1001 Pharmacology

26.1004 Toxicology

26.0707 Animal Physiology. (NEW)

Phys 233 - Ch7 pn+1 Fe521 2017 rad Positin 20,94 rad Trad COV 6.29 rad 20,94 rad = 3.33 x2 M/m) 211-40 12.56 FAN 21 ATT rad = 3x27 (m) +0.33x211 14.84 Chd 617 500 25.12 rad = 35000 lutions+0,33 reus 8 H (4) 120° = 3 revs + 0.33.2.22m 0,33517540 2.09 000 =30es+2.09 m =300s+2.09x57.3 = 3 revs + 1200 Kwy

Phys Z33 Cn7 part1 Fe521 2017 5/5 RouldeWheel ball 2 revs in 1,25ec 120° 60 0 33 x2TT car oc 2.27 In 1,2500 2.09-60 2.2.22 in 1.2 sec 4 0°=0; 78 revs In 1.2sec 2.360° In 1.25ec 6TT W= DO = ATTIGO At 1,25ec 0.334,21 = 4(3.16) rad UTF W = 10,47 rad/sec utt Ly Sry, 5 Where is HZ, 211 20 0.6 0,650



## RA Application Section 2. Additional Required Information:

New and Returning Research Assistants: Please provide the following information. Note that OLC work-related forms are provided at <a href="https://www.olc.edu/local/links/personnel/docs/">https://www.olc.edu/local/links/personnel/docs/</a>

- Signed W-4 and I-9 forms
- Signed Confidentiality Agreement form;
- Substance Abuse form (a pre-employment substance abuse test is required);
- Copy of your driver's license and social security card (must be readable);
- Photograph in .jpg format, preferably an "in action" picture of you in lab or field;
- Two recommendation letters from outside of the MST STEM Department discussing your academic attributes and how you will benefit from being a Research Assistant.
- Please provide a current official transcript from the Registrar and a Declaration of Major form— your cost is \$5.
- A 4-year Degree/Career Plan showing your progress towards a Bachelor of Science (B.S.)
  Degree in a Science, Technology, Engineering or Mathematics (STEM) field. The
  ANSLAMP website has degree/career plan examples.
- Acknowledgement that you understand and agree to Fall 2016 RA Guidelines (see below)