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!	Noyes Lab, REIC Thur 08:00 – 11:00 am
!	Noyes Lab, REIC MWF 01:00 – 02:00 pm
"	M T! F2"2#\$ %!&' F211#\$ %!&' F212#\$ %!&' F21(#\$ or perm)ss)o* o+)*s,ru-,or.
	Mar,)* Tru++er
##\$	EL . E 401 / 01 eophys)-a2 l*s,),u,e or 1 l3 / ur)*4 a22 2abora,ory per)o5s, 1261:00 pm MWF a, REIC 117 or a, ,he 1l by appo)*,me*,. My s-he5u2e a, ,he 1l)s u*-er,a)*\$ p2ease arra*4e a* appo)*,me*, 8)a ema)2 0pre+erre53 or ,e2epho*e pr)or ,o 8)s,)*4. l -a* a2so se, up 9oom sess)o*s a, your re:ues,, ; h)-h m)4h, ; or< bes, +or he2p)*4 ;),h -o5e.
	EL . E 401 / 4=46" ("> Ema)2 0pre+erre53 _____
%	l ;)22 pos, a22 -ourse ma,er)a2, sy22abus, home ; or< ass)4*me*,s, 2abs, so2u,)o*s, a*5 samp2e -o5e o* Ca*8as.
& '	The -ourse -urr)-u2um)s base5 o* Computational Physics, 2nd Ed. by 1)or5a*o a*5 Na<a*)sh). The boo<)s *o, re:u)re5, bu, 5oes pro8)5e use+u2 a55),)o*a2)*+orma,)o*. ! o ; e8er, ,he boo<)s For,ra* base5, a*5 ; e ;)22 pro4ram)* %y,ho*)* ,h)s -2ass. l ;)22 5)s,r)bu,e a ma*us-r)p, ;),h 2e-,ure *o,es ,ha, are base5 o* ,h)s boo< +or your use. 4oo5 %y,ho* base5 boo<)s Computational Physics by M. Ne ; ma*. Mu-h o+ ,ha, ma,er)a2)s a8a)2ab2e o*2)*e a, h,,p:?? ; ; ; 6perso*a2.um)-h.e5u?@meA*?-ompu,a,)o*a26phys)-s?

'pe-)- 4oa2s are:
 13 Lear* ,o 5e8e2op *umer)-a2 a24or),hms a*5 ,ur* ,hem)*,o ; or<ab2e -o5e.
 23 Lear* ,o so28e or5)*ary 5)++ere* ,)a2 e: ua,)o*s us)*4 -ompu,a,)o*a2 ,oo2s.
 (3 l* ,ro5u-e -ompu,a,)o*a2 5a,a ha*52)*4 ,oo2s, su-h as ,he Fas, Four)er
 Tra*s+orm a*5 s)mp2e 5a,a +,,)*4.
 43 l* ,ro5u-e ,he *umer)-a2 so2u,)o* o+ par,)a2 5)++ere* ,)a2 e: ua,)o*s
 "3 K*5ers,a*5 ,he -o*-ep, o+ us)*4 ra*5om ; a2<s ,o so28e phys)-a2 prob2ems

The -ourse ;)22 ha8e su--ee5e5)+ you ;)22 <*o ; ,he *e-essary ,oo2s ,o a55ress
 prob2ems)* phys)-s ,ha, -a**o, be so28e5 a*a2y,)a22y, a*5)+ you +ee2
 -om+or,ab2e us)*4 ,hese ,oo2s.

!

There)s a ; ee<2y 2ab sess)o* asso-)a,e5 ; ,)h ,h)s -ourse ,ha,)s)* ,e*5e5 ,o ,a<e
 abou, (hours ,o -omp2e,e. * + * + " ,
 \$ \$- + . ! o ; e8er, l ;)22 be a8a)2ab2e ,o he2p you
 ,hrou4h po,e* ,)a2 s,) -<y spo,s.

* /

Wee<2y home ; or< ass)4*me*,s are base5 o* ,he 2e-,ures a*5 2abs. These
 ass)4*me*,s ;)22 be 5ue o*e ; ee< a+,er ,hey are ass)4*e5.

&ou are eCpe-,e5 ,o +u22y a,,e*5 bo,h ,he 2abora,ory a*5 2e-,ure sess)o*s. %2a**e5
 abse*-es shou25 be 5)s-usse5 ; ,)h me)* a58a*-e. ! ab),ua2 ,ar5)*ess or
 abse*,ee)sm a++e-,s *o, o*2y your o ; * per+orma*-e, bu, a2so ,ha, o+ your
 -2assma,es. ssessme* , ;)22 be base5 o* your -o*,r)bu,)o*s ,o -2ass 5)s-uss)o*s
 a*5 2abora,ory)*8es,)4a,)o*s.

&ou ;)22 -hoose a -ompu,a,)o*a2 phys)-s prob2em o+ your o ; * , 5e8e2op a*5
 eCe-u,e a so2u,)o*. &ou are e*-oura4e5 ,o 5e8e2op your o ; *)5ea, bu, eC,e*s)o*s
 ,o 2ab prob2ems (a55 more phys)-s3 are su),ab2e ,op)-s. The ,eC,boo<, o,her
 boo<s, a*5 ,he)*,er*e, o++er ma*y su44es,)o*s +or su),ab2e prole-,s. &ou are
 e*-oura4e5 ,o 5)s-uss ,hese ; ,)h ,he)*s,ru-,or.

; r),e* prole-, proposa2 ;)22 be subm),e5 *o, 2a,er ,ha* ,he 2as, 2e-,ure be+ore
 'pr)*4 I rea< 0= Mar-h3. The prole-, proposa2 shou25 be *o 2o*4er ,ha* 2
 ,ype ; r),e* pa4es. l,)*-2u5es a +,,)*4 ,),2e, -o*-)se abs,ra-, ,a 5es-r)p,)o* o+ ,he
 phys)-s a55resse5)* ,he prole-, ,a shor, 5es-r)p,)o* o+ ,he *umer)-a2 me,ho5s
 use5, a*5 a 2)s, o+ eCpe-,e5 resu2,s 0+)4ures, -o5e, e,-3. The)*s,ru-,or ;)22 pro8)5e

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February 28, 2018
The course is a personal

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\$ You are responsible for your own work. You are responsible for your own work. You are responsible for your own work.

Special Needs: The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials! We will work with the Office of Disabilities Services (800.541.8800, ext. 3333) to provide reasonable accommodation to students with disabilities!

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8ruenin. Ath floor), and/or /T /;s Bearnin. /enter (C&+ Darnette Street, = &, -+>>- %AC&)!