



! "#\$%#&

!

1. Staff contact details.....	2
Contact details and consultation times for course convenor.....	2
Contact details and consultation times for additional lecturers/demonstrators/lab staff	2
2. Important links.....	2
3. Course details	2
Credit points.....	2
Contact hours.....	3
Summary and Aims of the course.....	3
Student learning outcomes	3
Syllabus	4
Assumed Knowledge	4
Graduate Attributes.....	4
4.	

' ()\$* ++,- "#\$* -\$, . %\$*/0& ,

Contact details and consultation times for course convenor

Name: m.kay@unsw.edu.au
Office location: 215 TETB
Tel: (02) 9065 5520
Email: m.kay@unsw.edu.au
Moodle: <https://moodle.telt.unsw.edu.au/course/view.php?id=57141>

Please email for any questions regarding the course or to arrange a consultation.

Contact details and consultation times for additional lecturers/demonstrators/lab staff

A/Prof Iain MacGill and Prof John Fletcher will also be involved in the course giving lectures on wind energy integration, and generators. Liam Reid (ex-Infigen, now at Lightsource BP) will give the lecture on Economics of wind farms. Their emails will be available during their lectures.

Demonstrators for the course are:
Dimitri Lazos: dimitris.lazos@unsw.edu.au
Tracey Yeung: tracey.yeung@unsw.edu.au

Please see the course [Moodle](#).

1(234"5\$* #\$,0/#6& ,

- [Moodle](#)
- [Health and Safety](#)
- [Student Resources](#)
- [UNSW Timetable](#)
- [UNSW Handbook](#)

Engineering Student Support Group (ESSG) Site: [http://www.unsw.edu.au/essg](#)

making sure that you understand the lecture material, completing the set assignments, further reading, and revising for any examinations.

Contact hours

This course comprises three-four hours of formal contact per week. The timing and rooms are given below. Tuesday are lecture classes (with additional lectures in weeks 2,3,9 and 10), and the tutorial sessions are assigned for revision of key aspects, questions, group work and assignments. All lectures will be given online via teams.

<https://teams.microsoft.com/l/team/19%3a515ba57fa5b64a35877695755ee296ad%40thread.tacv2/conversations?groupId=c9c8d250-3842-4b89-a877-6442d1c6b484&tenantId=3ff6cfa4-e715-48db-b8e1-0867b9f9fba3>

!	!	!	!	!	!
	! "#\$!	%!	&' (!*+)), - !!)/+)), - !	*/0102.3)! 45675'!	
!!	!!	!!	- 85!3+))% - !!3*+)), - !	3.90: 02.3)! 45675'!	
!!	; < ;!				

MO/#'6'2/&2+#\$20/\$%()+6'2/&2+#\$)+&/#0+\$1,44\$2++#0/\$+"#\$)23#\$#-+&'#\$20/\$+&(' ,24\$
)#), (0)8\$; +&/#0+\$2'#\$24) (\$)+' (0647\$#0- (&'26#/\$+(\$&)#\$+"#\$/ ,)-&), (0\$6' (&%\$ (0\$ 1 ((/4#\$
+(\$2)),)+\$+"#,'\$4#2'0,068\$!&+('\$) \$1,44\$ 3 (0,+('\$+"#\$/ ,)-&), (0)\$20/\$"#4%\$20) 1#'\$%()+#/\$
E&#)+, (0)8\$\$

=(! " 85&%,&-; %. 80%,

Week **DATE**

				closes 1 st April 10am
8	5 th April	Wind Energy Integration II		
9	12 th April 14 th April	Social/Environmental Context Social/Enviro continued and resources		
10	19 th April 21 st April	Turbine Components/Materials and design - overview Forecasting and revision		Report due Friday week 10, 23 rd April by 5pm

A e e e ie

"#\$!%&&\$&& '\$(!*+)#\$', * - .&\$!, * (&/&)&!*+!* (\$! ' %0* .!1. * -2!%&&/1 (' \$()3!) -) * ./%4!2%./, /2%)/ * (!% (5!6 - /73!) 8 *!) -) * ./%4!%&&/1 (' \$()&!% (5!% !+ / (%! \$9% ' / (%)/ * (!2%2\$.:!!

! ""#""\$#%&'	(#)* +&'
! "#\$%&' (0*""&+), --.) /)	01)
! "#\$%&' (233&456-5#)7)8' 59-9)\$"#), --.):)9" -), --.)0)	701)
! "#\$%&' (233&456-5#; *""&+), --.) <)	01)
))
=%\$">)233&456-5#)?@%-'. 9\$, 5)4&A-5)\$5) ' 33&456-5#)38--#)	B01)C#8&3)&5D('9-3')>--%) ' 33-336-5#)D\$6>\$5-5#E)
F&5')GH' 6)	/1 1)
! \$#' 0)	711 1)

!

The major group assignment is a wind farm feasibility study – more details will be given



A%./ * - &! , * (&/5\$.%)/ * (&3!% (5!)#\$(!#* 8!8\$4! ? * - !%55.\$&&!)# \$ ' !/(! ? * - .!24% (/ (!% (5!5\$&/1 (:! ! * . \$!5\$)%/4&1/A\$(!* (!%&&/1 (' \$ (!&#\$\$)!8/)#!&2\$, /+ , ! 5\$4/A\$.%<4\$&:!

! " " # " " \$ # % & ' "	() * , ; ' -) * . # / & 0 ' (# S den e g ,)	1 # % 2 & 3 ' "	4 # 5 2 3 & ' "	1 # 6) % 5 % 2 ' * + & / * \$ # " " 6 " " # " " # 7 ' "	! " " # " " \$ # % & ' /) 5 & #) 5 6 ' "	8 + # ' 7 6 & # ' 6 % 7 ' " + 9 \$ 5 " " 5 * % ') # : + 5) # \$ # % & " " "	8 # 6 7 ; 5 % # ' < * ') ' 6 9 " * ; + & # ' < 6 5 ; ' "	= 6) > ") # & +) % # 7 ' "
G , a ignmen	Ye (4-5)	See de ail , n , jec hee f , ecific deli e able each eek	45%	1,2,3	S ecific f , c i e i a f , each eek de ailed , n , jec hee	N , e b mi i , n da e f , each eek ba ed , n , , ial cla ime. Final e ec i e mma d e Friday 23rd A il b 5 m	5 m Monday 26 th A il	T , eek af e b mi i , n
Q i (eek 3)	N ,	10 m li le ch , ice	5%	1	Lec e ma e ial f , m eek 1, 2 and a , f 3.	D ing eek 3 , ial cla	N/A	The cla af e a e men
<i>Tutorial Assignment 1 – handed out end of week 2 due week 5</i>	N ,	5 e i , n 9 age	15%	1	Lec e ma e ial f , m eek 1-3	17 th Ma ch b 5 m , m , dle	21 st Ma ch b 5 m	T , eek af e b mi i , n
T , ial A ignmen 2 - ae , d namic	N ,	1 l , ng e i , n	5%	2	Lec e ma e ial f , m eek 4 and 5	O en 31 st Ma ch 10am eek 7, cl , e 1		

A e

th

th

st

Pe en a ion

<http://www.engineering.unsw.edu.au/energy-engineering/sites/photo/files/u12/forms/individualcoversheet.pdf>
<http://www.engineering.unsw.edu.au/energy-engineering/sites/photo/files/u12/forms/groupcoversheet.pdf>

S bmi ion

ε

E a a

□

Calc la o

ε

2. Lecture Notes.

3. Module Summary.

8. Course evaluation and development

8.1. Academic honesty and plagiarism

□

□

Plagiarism

a UNSW i defined a plagiarising the words or idea of others and a plagiarising them off a person.

