

BIOM9711

A cXY``]b[`C f[Ubgž'H]ggi Yg`UbX`8Yj]Wg

HYfa %z&\$&

fY]bZfWYX`h\fc i [\ `Wta di Hf!VUgYX`Ugg][ba Ybhg" < YbWYžU`Uf[Y`dfcdcff]cb`cZh]g`Wci fgY`]g`XYX]W]hYX`hc

- K cf_`h`fci [\ `h`Y`k YY_`m`h`Ua !VUgYX`YUfb]b[`UW`j]h`Yg`z`Vc`h`h`Y`]bX]j]Xi U`U`bX`[`fci d!VUgYX UggYgga Ybhg"
- : c`ck `k cf_YX`YI Ua d`Yg"
- K cf_`h`fci [\ `g`Y`h`k YY_`m`W`Ugg`YI Yf`W`g`Yg"

Assessment

Assessment task	Weight	Due Date	Course Learning Outcomes Assessed
%`A U`f`Dfc`YVh	' \$i	A cbXUmž`K YY_`%%	%ž`&ž' ž(ž)
&`7 ca di hYf`VUgYX':]bU` 9l Ua	' \$i	H65	%ž`&ž' ž(ž)
' ``C b`]bY`ei]nnYg	%%\$i	8 i f]b[`WUgg	%ž`&ž' ž(
(``5gg][ba Ybfg	' \$i	Hi YgXUmž`&`.) `hY`Zc`ck]b[k YY_`	%ž`&ž' ž(

Assessment 1: Major Project

Start date XUmž`K YY_`(`

Due date XUmž`K YY_`%%

H\]g`UggYgga YbhW`bg]gh`cZU`a U`f`d`f`c`YVhgi Va]gg]cbž]b`k` \]W`gh`XYbhg`UfY`fYei]fYX`hc
]a d`Ya YbhUbX`gc`j`Y`U`V]ca YX]WJ`Yb[]bYYf]b[`W`ca di hU]cbU`a cXY`cZ`h`Y]f`W`c]W`i`g]b[`7`C`A`G`C`@
 A i `h`d`m]W]g`c`Z`k`UfY`5`c`b[`k`]h`h`Y`a`c`X`Y`]h`g`Y`Z`g`h`X`Y`b`h`g`U`f`Y`U`g`c`f`Y`e`i`]f`Y`X`h`c`g`i`V`a`]h`U`g`]l`d`U`[`Y`f`Y`d`c`f`h`
]b`h`Y`Z`c`f`a`c`Z`U`c`i`f`b`U`d`U`d`Y`f`H`Y`W`c]W`c`Z`a`c`X`Y`a`i`g`h`Z`f`g`h`V`Y`U`d`d`f`c`j`Y`X`V`m`h`Y`W`c`i`f`g`Y`W`c`f`X]b`U`h`c`f`f`]U
 G`h`U`[`Y`\$`ž`X`i`Y`A`c`b`X`U`m`ž`K`YY_`(``l`ž`U`b`X`k`]`V`Y`g`i`V`X`j`]X`Y`X`]b`h`c`Z`c`i`f`g`h`U`[`Y`g`c`Z`g`i`V`a`]gg]cb``H`Y`Z]bU`

a cXY`UbX`fYdcfh`ZbYWggUfmz`mci`a Uma cX]zma cXY`XYHU]g`UbX`fYZfYbWg`Zca`hcgY`gi Va]hYX`]b
ghU[Yg`\$z`%cf`&z`Ug`a cXY`]b[]g`cZYb`Ub`]hYfUj]`Y`dfcWgg`fYei`]f]b[`ZYei`YbhifY]bYa`Ybfg"

Assessment 2: Computer based Final Exam

Start date:

Due date:

H\Y`Z]bU`YI Ua`Zcf`h]g`Wti`fgY`k`j`VY`cdYb`Vcc`_`UbX`cb`]bY" %o`Y`%oZ

Assessment 3: Online quizzes

8i`f]b[`WUgg`
Start date:

Due date:

9UW`k`YY`_`z`dfY!WUgg`YI`YfW]gYg`k`j`VY`dcghYX`cb`A`ccX`Y`hc`\Y`d`mci`dfYdUfY`Zcf`h`Y`h`hcf]U`"Mci`k`j`VY`
fYei`]fYX`hc`Ubkg`Yf`h`YgY`ei`YghY`Y`ei`Y`H\Y`Z]bU`YI Ua`Zcf`h]g`Wti`fgY`k`j`VY`cdYb`Vcc`_`UbX`cb`]bY"

Attendance Requirements

Gh XYbfg'UFY'gfc b['mYbWci fU[YX'fc 'UhfYbX'U''WUggYg'UbX'fYj]Yk ''YWhi fY'fYWc'fX]b['g"

Course Schedule

[J.Yk.WUgg'ha YhUV'Y](#)

Timetable

Date	Type	Content
K YY_% '% ': YVfi Ufm! %+': YVfi Ufm	@YWhi fY	hfcXi W]cb'fc'A cXY'']b[']b'6]cYb[]bYYf]b[
K YY_& '&\$': YVfi Ufm! &(' : YVfi Ufm	@YWhi fY	C fX]bUfm8]ZYfYbh]U''9ei Uh]cbg
K YY_' . '&+': YVfi Ufm! ' 'A UfWx	@YWhi fY	DUfh]U''8]ZYfYbh]U''9ei Uh]cbg
K YY_(. '* 'A UfWx '! '%\$ A UfWx	@YWhi fY	:]b]hY'9'Ya YbhA YhcX' =
K YY_) . '% 'A UfWx '! '%+ A UfWx	@YWhi fY	:]b]hY'9'Ya YbhA YhcX' =
K YY_+ . '&+ 'A UfWx '! ' % A UfWx	@YWhi fY	A cXY'']b['9'YWhf]WU''Gha i 'Uh]cb'cZH]ggi Y
K YY_ , . ' '5df]'!' + '5df]`	@YWhi fY	A cXY'g'cZ8]Zi g]cb'UbX'< YUhHfUbgZYf
K YY_ - . '%\$'5df]'!' %(5df]`	@YWhi fY	Gc`]X'A YWxUb]Wg
K YY_ %\$. '%+ '5df]'!' &% 5df]`	@YWhi fY	: 'i]X'A YWxUb]Wg

Submission of Assessment Tasks

@UVcfUhcfmfYdcfng'UbX'a U'cf'Ugg][ba Ybhg'k]''fYei]fY'U' [Bcb'D'U\[\]Uflga '8YWUfUhc'b'7cj Yf'G\YYH'](#)

5gg][ba Ybhg'g\ci 'X'VY'gi Va]H'X'cb'h'a Y''5'XU]mdYbU'micZ) i 'cZ'hY'a Uf_g'Uj U]'UV'Y'Zcf'hUh
Ugg][ba Ybhk]''Udd'mZcf'k cf_'fY'W'j YX'UZ'Yf'h'Y'Xi Y'XU'h''5bmiUgg][ba Ybhia cfY'h'Ub') 'XUmg''UH'k]''bch
VY'U'W'W'd'h'X''H\Y'cb'mYI Ya dh]cb'k]''VY'k \Yb'df]cf'dYfa]gg]cb'Zcf''UH'gi Va]gg]cb'\Ug'VYYb'[fUb'h'X'Vm
h'Y'7ci fgY'W'cfX]bU'cf''9I h'bg]cbg'k]''VY'[fUb'h'X'cb'mcb'a YX]W'cf'W'ca dUgg]cbUH' '[fci bXg'i bXYf
YI hfYa Y'W'f'W'a g'fUb'W'g''

Academic Honesty and Plagiarism

PLAGIARISM

6Yk UfY^5b^Ugg][ba Ybh\Uh]bWl XYg'd^U[]Uf]gYX'a UHf]U^k]^fYW]j Y^U^\$i : U]žUbX'gh XYbkg^k \c

Academic Information

COURSE EVALUATION AND DEVELOPMENT

Gh XYbhZYXVUW\Ug\YdYX'hc'g\UdY'UbX'XYj Y'cd'hk]g'Wci fgYz]bWi X]b['ZYXVUW'cVHU]bYX'Zca 'cb!]bY'Yj U'i Uhcbg'Ug'dUfhcZl BGK 'g'Ug'dUfhcZl BGK 'g'a m9l dYf]YbW'dfcW'gg"Mc i 'UfY'\][\m YbWci fU[YX'hc'Wca d'YH'gi Wk 'Ub'cb!]bY'Yj U'i Uhcb'hc'k UfX'h'Y'YbX'cZHYfa "': YYXVUW'UbX'gi [[Ygh]cbg dfcj]XYX'k]"VY"]a dcfhUbh]b]a dfcj]b['h'Y'Wci fgY'Zf'Z hi fY'gh XYbng"

DATES TO NOTE

FYZf'hc'A ml BGK 'Zcf'ca dcfhUbh8UH'gZ'Uj U]UV'Y'Uh
[\hdg.##a ml bgk "YXi "Ui #gh XYbh#Ygci fW'g# Ym8UH'g"\ha`](#)

ACADEMIC ADVICE

: cf]bZcfa Uhcb'UVci h

- "B ch'g'cb'UggYgga Ybng'UbX'd'U[]Uf]ga z
- "GdYW'U"7 cbg]XYfU]cbgZ
- "GW'cc"gh XYbh9h]Vg'C Z]W'fz'UbX
- "69GG

fYZf'hc'h'Y'GW'cc'k YVg]h'Uj U]UV'Y'Uh
[\hd.##k k k "Yb\[\]bYYf\]b\["i bgk "YXi "Ui #/\]ca YX\]WU'!Yb\[\]bYYf\]b\#

Supplementary Examinations:

Gi dd'Ya YbhUfm9l Ua]bUh]cbg'Zcf'HYfa '%&\$&' k]"VY'\Y'X'cb'fH67E'g\ci 'X'mci 'VY'fYei]fYX'hc'g]hcbY"

H\]g'Wci fgY'ci h]bY'gYhg'ci hXYgW]dh]cb'cZWUggYg'Uh'h'Y'XUH'h'Y'7 ci fgY'C i h]bY']g'di V']g\YX" 'H\Y bUh fY'cZWUggYg'a UmVXUb[Y'Xi f]b['h'Y'HYfa 'UZf'h'Y'7 ci fgY'C i h]bY']g'di V']g\YX" 'A ccX'Y'g\ci 'X'VY Wcbgi 'h'X'Zcf'h'Y'i d'hc'XUH' 'WUgg'XYgW]dh]cbg" 'Z'h'YfY']g'Ubm]bWcbg]gh'bWni]b'h'Y'XYgW]dh]cb'cZ UW]j]h'Yg'VYtk YYb'h'Y'l b]j Yfg]m]h]a YHUV'Y'UbX'h'Y'7 ci fgY'C i h]bY'fUg'i dXUH'X']b'A ccX'Y'Udd']Yg"

Image Credit

A cXY'ja U[Yg'hU_Yb'Zca '5#DfcZ8c_cg'fick b'fYgYUfW" '5cfh]W[fUd\]W]g'hU_Yb'Zca '7CA GC @f]a cXY']VfUfmUh\hdg.##k k k "Wca gc" "Wca #a cXY'#zi]X!g'f]i W! fY!]bh'fUW]cb!]b!]b!U!bYtk cf'_cZV'ccX!] YggY'g! * * \$

CRICOS

7F 7CG'Dfcj]XYf'7cXY.'\$\$\$- ;

Acknowledgement of Country

K Y'UW_bck`YX[Y'hY'6YXY[U'dYcd`Y`k \c`UfY`hY`hfUX]hcbU`W gfcX]Ubg`cZhY`UbXg`cb`k \]W`I`BGK
? Ybg]b[hcb`Wla`di`g`]g`cWU`hYX"

Appendix: Engineers Australia (EA) Professional Engineering Standard

Program Intended Learning Outcomes	
? bck `YX[Y`UbX`g_]`VUgY	
D9%%7 ca dfY\Ybg]j YžhYcfmVUgYX`i bXYfghUbX]b[`cZhY`i bXYfd]bb]b[`bUh fU`UbX d\mg]WJ`gWYbWg`UbX`hY`Yb[]bYYf]b[`Z bXUa`YbH`g`Udd`]WJV`Y`hc`hY`Yb[]bYYf]b[`X]gWd`]bY	