

CVEN4402

HfUbgdcfhGmgHYa g!'DUfh%'BYtk cf_'5bU'mg]g

HYfa &Z&\$&&



Course Overview

Staff Contact Details

Convenors

| Name | Email | Availability | Location | Phone |
|---------------|--|----------------|----------|-------|
| A YYUX'GUVYf] | a.YYUX@gUVYf]4.i.bgk."YXi."Ui | 6mUddc]bŕa Ybh | 7 9%\$(| |

School Contact Information

[9b\[\]bYYf\]b\[\]Gh XYbhGi ddcfhGYfj \]Wg](#) :-H\Y`Bi WYi g'!`Ybfc`a Ybhždfc[fYgg]cb`WXYW_gž`WUg\`fYei Yghgž Wci fgY`]ggi Yg'cf'dfc[fUa !fY`UHfX`ei Yf]Yg`

[9b\[\]bYYf\]b\[\]`Xh gf\]U`HfU\]b\]b\[\]`-`Xh gf\]U`HfU\]b\]b\[\]`ei Ygh\]cbg`](#)

[I.BGK`Gh Xm5VfcUX](#) :-gh XmiUVfcUX`gh XYbhYbei]f]Yg`fZcf`]bVci bX`gh XYbhgŁ`

[I.BGK`9I WXUb\[Y](#) :-gh XYbhYI WXUb[Y`Ybei]f]Yg`fZcf`]bVci bX`gh XYbhgŁ`

[I.BGK`: i h fy`Gh XYbhg](#) :-dchYbh]U`gh XYbhYbei]f]Yg`Y"["UXa]gg]cbgžZYgždfc[fUa gžWfYX]hifUbgZyf`

Phone

fZ`*%&Ł`-' ,) ;) \$\$:-Bi WYi g'Gh XYbh<i V`

fZ`*%&Ł`-' ,) `+**%:-9b[]bYYf]b[]`Xh gf]U`HfU]b]b[]`

fZ`*%&Ł`-' ,) ``%+- :-I.BGK`Gh Xm5VfcUX`UbX`I.BGK`9I WXUb[Y`fZcf`]bVci bX`gh XYbhgŁ`

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |
| | |

Assessment

| Assessment task | Weight | Due Date | Course Learning Outcomes Assessed |
|---------------------------|--------|-------------|-----------------------------------|
| %`K YY_mA ccX`Y`E i]nnYg | %) | Bch5dd`]WVY | %ž&ž' ž(ž) |
| &"5gg][ba Ybh% | &%) | | |
| | | | |
| | | | |

Attendance Requirements

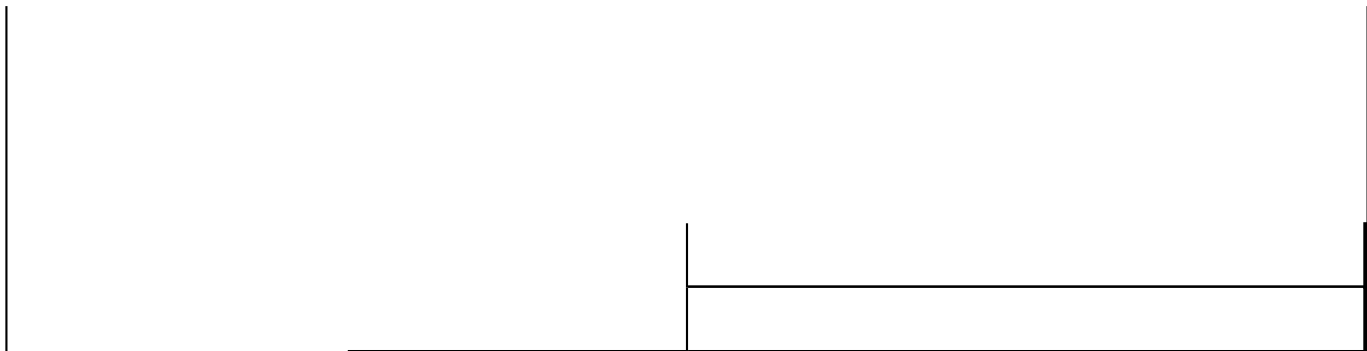
Gh XYbfg'UFY'gfcfb[`mYbWci fU[YX'fc' UHfYbX'U''WUggYg'UbX'fYj]Yk `YWfi fY'fYWcfX]b[g"

Course Schedule

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

Timetable

| Date | Type | Content |
|-------------------------------------|-------------|---|
| C!K YY_ '&' 'A Um!'&+ A Um | | |
| K YY_% ' \$' A Um!' >i bY | @YWi fY | 7 ci fgY' ðhfcXi W]cb ðhfcXi W]cb'hc' HfUbgdcfhGmgfYa gžD`Ubb]b[`UbX BYtk cf_g |
| | K cf_g\cd | ðhfcXi W]cb'hc' HfUbgdcfhGmgfYa gžD`Ubb]b[`UbX BYtk cf_g |
| K YY_&' * '>i bY!' %\$ >i bY | @YWi fY | F ci h]b['5` [cf]h\ a g |
| | K cf_g\cd | F ci h]b['5` [cf]h\ a g |
| K YY_ ' . '% '>i bY!' %+ >i bY | @YWi fY | 7 cbj YI]mUbX`C dh]a]nUh]cb |
| | K cf_g\cd | 7 cbj YI]mUbX`C dh]a]nUh]cb |
| K YY_ '(. &\$ '>i bY!' &(>i bY | @YWi fY | ðhfcXi W]cb'hc' l gYf'9ei]]Vf]i a l gYf'9ei]]Vf]i a '5gg][ba YbhGc'i h]cb'A YhcXg |
| | K cf_g\cd | ðhfcXi W]cb'hc' l gYf'9ei]]Vf]i a l gYf'9ei]]Vf]i a '5gg][ba YbhGc'i h]cb'A YhcXg |
| K YY_) . '&+ '>i bY!' % >i `m | @YWi fY | DUh'6UgYX'I '9`Gc'i h]cb'A YhcXg |
| | K cf_g\cd | DUh'6UgYX'I '9`Gc'i h]cb'A YhcXg |
| | 5ggYgga Ybh | 5gg][ba Ybh% |
| K YY_ * '('>i `m! ', '>i `m | | |
| K YY_ +. '% '>i `m! %) >i `m | @YWi fY | l gYf'9ei]]Vf]i a 'k]h'8Ya UbX'9`Ugh]V]m |
| | K cf_g\cd | l gYf'9ei]]Vf]i a 'k]h'8Ya UbX'9`Ugh]V]m |
| K YY_ , . '% '>i `m! && >i `m | @YWi fY | GhcWUgh]WI gYf'9ei]]Vf]i a |
| | K cf_g\cd | GhcWUgh]WI gYf'9ei]]Vf]i a |
| | | |



Resources

Prescribed Resources

@YWi fYg'k]''VY'XY'j YfYX'cb']bY'j]U'6`UW_VcUfX'7c''UVcfUH'UbX'A ccX'Y

Hi hcf]U'g'k]''VY'XY'j YfYX'\m'f]X']bWi X]b['Ub']b!dYfgcb'gYgg]cb'Ug'k Y''Ug'cb']bY'j]U'6`UW_VcUfX'7c''UVcfUH'UbX'A ccX'Y

Recommended Resources

5''fYei]fYX'fYUX]b['k]''VY'dfcj]XYX']b'h\Y'Zcfa 'cZ'YWi fY'bc'h'g"

Submission of Assessment Tasks

D`YUgY`fYZf`h`h`Y`A`ccX`Y`dU[`Y`c`Z`h`Y`W`i`fgY`Z`f`Z`f`h`Y`f`[`i`]X`U`b`W`i`c`b`U`g`g`Y`g`g`a`Y`b`h`i`g`i`V`a`]`g`g`]`c`b`"

UNSW has a standard late submission penalty of:

-)i`d`Y`f`X`U`m`z`Z`c`f`U`U`U`g`g`Y`g`g`a`Y`b`h`i`g`i`k`Y`f`Y`U`d`Y`b`U`h`m`i`U`d`d`]`Y`g`z`W`U`d`d`Y`X`U`h`Z`j`Y`X`U`m`g`f`%`&`\$`Y`c`i`f`g`l`z`U`Z`Y`f`k`Y`W`U`g`h`X`Y`b`h`W`U`b`b`c`h`i`g`i`V`a`]`h`U`b`U`g`g`Y`g`g`a`Y`b`h`i`g`i`U`b`X`i`b`c`d`Y`f`a`]`h`Y`X`j`U`f`]`U`h`]`c`b`"

Academic Honesty and Plagiarism

6Yk UFY"5b Uggl[ba Ybh\Uh]bWl XYg'd'U[]Uf]gYX'a UHf]U"K]"fYW]j Y'U'\$i : U]žUbX'gh XYbtg'k \c
d'U[]Uf]gY'a UmZ]~h\Y'Wti fgY"~Gh XYbtg'k \c'd'U[]Uf]gY'UfY'U'gc"~]UV'Y'hc'X]gW]d"~]bUfmUW]cbž]bWl X]b[
YI Wl g]cb'Zca 'Ybfc'a Ybh'

D'U[]Uf]ga ']g'h\Y'i gY'cZUbch\Yf'dYfgcb'g'k cf_'cf']XYUg'Ug']Zh\Ymk YfY'mci f'ck b"~K \Yb']h]g'bYW]ggUfmcf
XYg]fUV'Y'hc'i gY'ch\Yf'dYcd'Y'g'a UHf]U'mci 'g\ci 'X'UXYeI UH'mUW_bck 'YX[Y'k \cgY'k cfXg'cf']XYUg'h\Ym

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]WU`gWYbWg`UbX`hY`Yb[]bYYf]b[`Z bXUa YbH`g`Udd`]WUV`Y`hc`hY`Yb[]bYYf]b[`X]gWd`]bY | |
| D9%"&7 cbWdh U`i bXYfghUbX]b[`cZhY`a UhYa Uh]Wgžbi a Yf]WU`UbU`mg]gžghUhgh]WgžUbX Wta di hYf`UbX`]bZcfa Uh]cb`gWYbWg`k` \]W`i bXYfd]b`hY`Yb[]bYYf]b[`X]gWd`]bY | |
| D9%" " `!XYdh`i bXYfghUbX]b[`cZgdYWU`]ghVcX]Yg`cZ`bck `YX[Y`k`]h`]b`hY`Yb[]bYYf]b[`X]gWd`]bY | |
| D9%"(" `8]gWfba YbhcZ`_bck `YX[Y`XYj`Y`cda YbhUbX`fYgYUfW`X]fYW]cbg`k`]h`]b`hY`Yb[]bYYf]b[`X]gWd`]bY | |
| D9%"() ? bck `YX[Y`cZYb[]bYYf]b[`XYg][b`dfUW]W`UbX`WcbhYI h U`ZUWc`fg`ja dUW]b[`hY`Yb[]bYYf]b[`X]gWd`]bY | |
| D9%"* `i bXYfghUbX]b[`cZhY`gWtdYždf]bWd`Ygžbcfa gžUW]ci bHUV`]h]Yg`UbX`Vci bXg`cZ gi gh]bUV`Y`Yb[]bYYf]b[`dfUW]W`]b`hY`gdYW]ZWX]gWd`]bY | |
| 9b[]bYYf]b[`Udd`]W]h]cb`UV`]jm | |
| D9%"%5dd`]W]h]cb`cZYghUV`]g\YX`Yb[]bYYf]b[`a`Yh`cXg`hc`Wta`d`YI`Yb[]bYYf]b[`dfcV`Ya gc`]b[| |
| D9%"&`&: `i YbhUdd`]W]h]cb`cZYb[]bYYf]b[`hYW]b]ei Ygžhc`g`UbX`fYgci fW]g | |
| D9%" " `5dd`]W]h]cb`cZgmg]Ya Uh]WYb[]bYYf]b[`gmbhYg]g`UbX`XYg][b`dfcW]ggYg | |
| D9%"(" `5dd`]W]h]cb`cZgmg]Ya Uh]WUddfcUW]Yg`hc`hY`WcbXi`W]UbX`a`UbU[Ya YbhcZYb[]bYYf]b[`dfc`YW]g | |
| DfcZYgg]cbU`UbX`dYfgcbU`Uhf]Vi`hYg | |
| D9%" "%9h`]W]`WcbXi`W]UbX`dfcZYgg]cbU`UW]ci`bHUV`]jm | |
| D9%" "&`9ZYW]j`Y`cfU`UbX`k`f]hYb`Wta`a`i`b]W]h]cb`]b`dfcZYgg]cbU`UbX`UmXca`U]bg | |
| D9%" " `7`fYUh]j`Yž`]bbcj`Uh]j`Y`UbX`dfc!UW]j`Y`XYa`YUbc`i`f` | |
| D9%" "(" `DfcZYgg]cbU`i`gY`UbX`a`UbU[Ya YbhcZ]bZcfa`Uh]cb | |
| D9%" (" `C`fXYfma`UbU[Ya YbhcZgY`ž`UbX`dfcZYgg]cbU`WcbXi`W]h | |
| D9%" "*" `9ZYW]j`Y`hYUa`a`Ya`VYfg`\d`UbX`hYUa`Y`YUXYfg`\jd | |