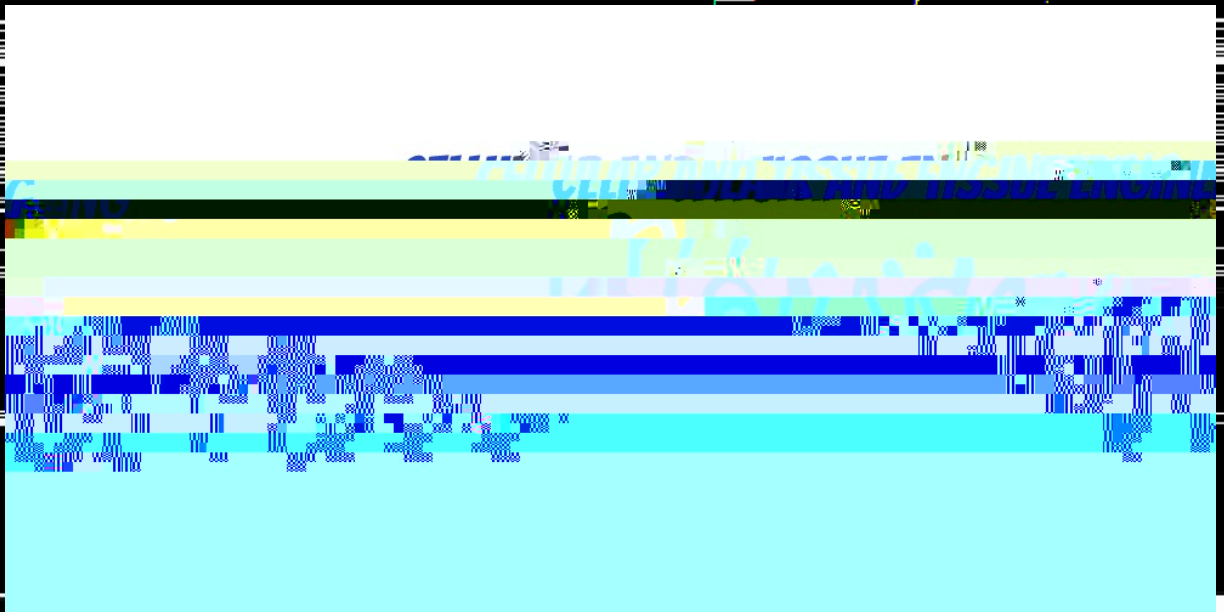


BIOM9333

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Course Overview

Staff Contact Details

Convenors

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjh]cb	D\cbY
A Y[Ub`@cfX	a "cfX4 i bgk "YXi "Ui	VmiUddc]bha Ybh	F cca `) \$) ž @Yj Y`) GUa i Y`g 6i]X]b[Ž *%&- ' ,)' -%\$

School Contact Information

Gh XYbhGYfj]Wg`WUb`VY`WcbhUWYX`j]U`i [bgk "hc# YVZcfa g"](#)

: YYXVUW_]g'Ub:]a dcfhUbhHYUW]b['ghfUH[[mi h]gYX']b' h.]g'Vēi fgY" : bghUbhZYXVUW_]g'dfcj]XYX'Xi f]b[h.Y'UW]j]hYg'UbX'Yggcbg'k \]Y'ZYXVUW_ cb'UggYgga YbhUg_g'k]'VY'dfcj]XYX'k]h.]b' &k YY_g'k]h XYHU]YX'a Uf_]b[' [i]XYg'dfcj]XYX'hc'Ugg]ghmci ']b'i bXYfghUbX]b['mci f'YUfb]b['dfc[fYgg" : b'UXX]h]cbž k YY_mE i Ygh]cb'UbX'5bgk Yf'fE / 5E'gYgg]cbg'Xi f]b['h.Y'k cf_g'cdg'k]'Ugg]ghk]h 'YUfb]b["

Additional Course Information

@Yggcbg'UFY'Vēa d'YHYX']b'mci f'ck b'h]a Y'k \]Y'h.Y'k cf_g'cdg'UFY'\Y'X'Xi f]b['WUgg'h]a Y'hc'Vēbgc']XUH mci f'i bXYfghUbX]b['cZh.Y'Yggcbgž'fYW]j Y'\Y'd'hc'Vēa d'YHY'h.Y'UW]j]hYg'UbX'k cf_'cb'h.Y'h.Y'Ua 'a U'cf dfc'YW'

Assessment

Students who perform poorly in the weekly progress tasks are recommended to the Course Convenor during the term.

The final grade for this course will normally be based on the sum of the assessment tasks. The Course Convenor reserves the right to adjust the final grade by the Head of School.

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Assessment task	Weight	Due Date	Course Learning Outcomes Assessed
Week 1: Introduction to the course	10%	Monday, 1st October 2021	LO1, LO2
Week 2: The cell and its components	10%	Monday, 8th October 2021	LO1, LO2, LO3
Week 3: Metabolism and energy	10%	Monday, 15th October 2021	LO1, LO2, LO3, LO4
Week 4: Cell signaling and communication	10%	Monday, 22nd October 2021	LO1, LO2, LO3, LO4, LO5
Week 5: The immune system	10%	Monday, 29th October 2021	LO1, LO2, LO3, LO4, LO5, LO6
Week 6: Development and differentiation	10%	Monday, 5th November 2021	LO1, LO2, LO3, LO4, LO5, LO6, LO7

Assessment 1: Weekly Progress

Due date: Monday, 1st October 2021

Assessment 1: Weekly Progress. This assessment consists of weekly progress tasks that assess your understanding of the course content. The tasks are designed to be completed over the course of the semester. The final grade for this course will normally be based on the sum of the assessment tasks. The Course Convenor reserves the right to adjust the final grade by the Head of School.

Students who perform poorly in the weekly progress tasks are recommended to the Course Convenor during the term.

Assessment 2: Individual Tasks

Due date: Monday, 1st October 2021

Assessment Outline: This is a formative assessment designed to assess your understanding of the course content. It is a multiple-choice test consisting of 20 questions. The questions cover the material from the first two weeks of the course. The assessment is available on Canvas from 10:00 AM on Monday, 25th October 2021, until 11:59 PM on Friday, 29th October 2021. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once.

Assessment 3: Quizzes

Due date: Friday, 29 October 2021, 11:59 PM

Assessment outline:

Mid-term Quiz: This is a formative assessment designed to assess your understanding of the course content. It is a multiple-choice test consisting of 20 questions. The questions cover the material from the first two weeks of the course. The assessment is available on Canvas from 10:00 AM on Monday, 25th October 2021, until 11:59 PM on Friday, 29th October 2021. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once.

Final Exam: This is a summative assessment designed to assess your understanding of the course content. It is a multiple-choice test consisting of 20 questions. The questions cover the material from the first two weeks of the course. The assessment is available on Canvas from 10:00 AM on Monday, 25th October 2021, until 11:59 PM on Friday, 29th October 2021. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once.

Assessment 4: Major Project (Group)

Due date: Friday, 29 October 2021, 11:59 PM

Assessment outline: This is a formative assessment designed to assess your understanding of the course content. It is a multiple-choice test consisting of 20 questions. The questions cover the material from the first two weeks of the course. The assessment is available on Canvas from 10:00 AM on Monday, 25th October 2021, until 11:59 PM on Friday, 29th October 2021. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once.

Assessment 5: Peer review

Due date: Friday, 29 October 2021, 11:59 PM

Assessment outline: This is a formative assessment designed to assess your understanding of the course content. It is a multiple-choice test consisting of 20 questions. The questions cover the material from the first two weeks of the course. The assessment is available on Canvas from 10:00 AM on Monday, 25th October 2021, until 11:59 PM on Friday, 29th October 2021. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once. The assessment is available for 48 hours. You are allowed to attempt the assessment once.

Attendance Requirements

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Course Schedule

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

Timetable

Date	Type	Content
K YY_ '% 'GYdhYa VYf !'%+ 'GYdhYa VYf	Hcd]W	Principles of Tissue engineering and regenerative medicine (TERM) I
	A cXi`Y	7 ca d`YH`@Yggcb`%]b`A ccX`Y`]b`mci f`ck b` hja Y`
	K cf_g\cd	5 hYbX`WUgg`hc` Yl dYf]YbW. %`7 ci fgY` b`hfcXi` W]cb &`7 cbgc`]XU]cb` cZ`@Yggcb`% '`5W]j`]mi% (`E / 5
	5ggYgga Ybh	7 ca d`YH` hAY` Z`ck]b[`VmGi bXUm%%))`da` cb A ccX`Y. %`K YY_`mdfc[fYgg`ei]n`Zcf`@Yggcb`%f% Ł &`K YY_`mdfc[fYgg`ei]n`Zcf`5W]j`]mi`fl Ł
K YY_`&.`&\$`GYdhYa VYf !`&(`GYdhYa VYf	Hcd]W	Principles of TERM II
	A cXi`Y	7 ca d`YH`@Yggcb`&]b`A ccX`Y`]b`mci f`ck b` hja Y`
	K cf_g\cd	5 hYbX`WUgg`hc` Yl dYf]YbW. %`7 cbgc`]XU]cb` cZ`@Yggcb`& &`5W]j`]mi& '`E / 5
	5ggYgga Ybh	7 ca d`YH` hAY` Z`ck]b[`VmGi bXUm%%))`da` cb A ccX`Y. %`K YY_`mdfc[fYgg`ei]n`Zcf`@Yggcb`&f% Ł &`K YY_`mdfc[fYgg`ei]n`Zcf`5W]j`]mi`fl Ł
K YY_`"`. `&+`GYdhYa VYf	Hcd]W	Principles of TERM III

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	5ggYgga Ybh	<p>7ca d`YH`hY`Zc`ck]b[`VmGi bXUm%%)) `da `cb A ccX`Y.</p> <p>%"6]cdfcVWgg]b[`HUG_`f%\$i Ł &"A U`cf`Dfc`YVh`DYY`F`Yj]Yk `f) ı Ł ' "A U`cf`Dfc`YVh; fci d`7 cbhf]Vi h]cb F YZYW]cb`f% / [fci d`hUg_Ł</p>
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Resources

Recommended Resources

- 5'g\cfh[i]XY'hc'k f]hb['UVci hV]c'c[mž['cVU''YX]h]cb'Vm>Ub'DYWXyb]"

Course Evaluation and Development

Gh XYbhZYXVUW_\Ug'\Y'dYX'hc'g\UdY'UbX'XYj Y'cd'h.]g'Wci fgYž]bWi X]b['ZYXVUW_cVHU]bYX'Zca'cb!]bY'Yj U'i Uh]cbg'Ug'dUfhcZa m9I dYf]YbW"

H\Y'Wci fgY'i bXYfk YbhU'a U'cf'fYj]g]cb']b'&\$&\$'k]h'WXUb[Yg']bWi X]b['fYcfXYf]b['cZhY'WcbHbh XY']j YfYXž'fYj]g]cb'hc'h\Y'Wci fgY'WcbHbhUbX']bWi g]cb'cZa U'cf'dfc'YWhgYgg]cbg'hc'Ugg]ghk]h'h\Y'h]a Y'm UbX'ZcW'gYX'XYj Y'cda Ybh'cZhY'a U'cf'dfc'YWh': cf'h\Y'Z]fgh]a Yž'U''Wci fgY'WcbHbh]g'XYg][bYX'Zc'f'cb']bY UWW'gg'k]h']bgHUbhZYXVUW_]bW'f'c'f'U'h'X']bhc'U''Yggcbg'UbX'UW]j]h]Yg": i fh'Yf'XYj Y'cda Ybh]cZ&\$&% \Uj Y']bWi XYX'fYj]g]cb'cZhY'Wci fgY'WcbHbhUbX'UggYgga Ybh]UbX'dfcj]g]cbg'hc'Ug_'Ubcbma ci g ei Ygh]cbg'k \]W'k]''VY'fYgdcBXYX'hc']b'h\Y'8]gW'gg]cb'Zc'f' a']b'A]W'cgcZiHYUa g"

DfYj]ci g'gh XYbh]]b'h\Y'WUgg'dfcj]XYX'ZYXVUW_]bWi X]b['**Very interesting course and well**

Submission of Assessment Tasks

@UVcfUhcfmifYdcfhg`UbX`a U`cf`Ugg][ba Ybhg`k]`fYei]fY`U`[Bcb`D`U\[\]Uf\]ga`8YWUfU\]cb`7cj`Yf`G`YYh`](#)

@UH`gi Va]gg]cbg`k]`VY`dYbU`]gYX`%\$i`cZ`h`Y`a Uf`_`Zcf`YUW`W]`YbXUf`XUm`UH`" `Z`mci`ZcfYgYY`U`dfcV`Ya]b`a`YYh]b[`h`Y`bca]bUH`X`gi Va]gg]cb`XUH`d`YUgY`W`b`h`U`W`h`h`Y`7`ci`fgY`7`cbj`Ybcf`h`a`U`_`Y`Ub`Uddc]bha`Ybh`h`X]gW`gg`mci`f`g]h`U]cb`Ug`gccb`Ug`dcgg]V`Y`"

Academic Honesty and Plagiarism

PLAGIARISM

6Yk UFY"5b"Ugg][ba YbhUUh]bWl XYg'd'U[]Uf]gYX'a UHf]U"K]"fYW]j Y'U"\$i : U]žUbX'gh XYbht'k \c d'U[]Uf]gY'a UmZ]j"ħY'WŁi fgY"Gh XYbht'k \c d'U[]Uf]gY'k]"Uj Y'ħY]f'bUa Yg'YbHYfYX'cb'U'd'U[]Uf]ga fY[]ghf'UbX'k]"VY"UV'Y'hc'X]gW]d']bUfmUW]cbž]bWl X]b['Yl Wl g]cb'Zca 'Ybfc'a Ybh'" #]g'Yl dYWYX'ħUUhU"gh XYbht'a i ghUhU"ħa Yg'gi Va]hħY]f'ck b'k cf_'Zcf'UggYgga Ybh'Gi Va]h]b['ħY k cf_'cf']XYUg'cZgca YcbY'Y'gY'k]ħci hWYUfmUW_bck 'YX[]b['ħY'gci fW'cZVcffck YX'a UHf]U'cf']XYUg']g d'U[]Uf]ga "

5"UggYgga Ybht'k \]W' mci 'Ubx']b'a i gh\Uj Y'U' [Bcb'D'U\[\]Uf\]ga '8YWUfUħcb'7cj Yf'G\YYh'](#)H\]g']g'Zcf Vch']bX]]Xi U'Ubx' [fci d'k cf_"5hUW]hħ' mci f'Ugg][ba YbhVYZcfY'gi Va]h]b[']hħ'ħY'7ci fgY 7ccfX]bUħcf'cf'UħħY'GVXcc'`C Z]W"

D'U[]Uf]ga ']g'ħY'i gY'cZUbchYf'dYfgcb'g'k cf_'cf']XYUg'Ug']ZħYmik YfY' mci f'ck b"K \Yb']h]g' bYW'ggUfmicf XYg]fUV'Y'hc'i gY'chYf'dYcd'Y'g'a UHf]U' mci 'g'aci 'X'UXYei UH' mUW_bck 'YX[Y'k \cgY'k cfXg'cf']XYUg'ħYm

Academic Information

COURSE EVALUATION AND DEVELOPMENT

Gh XYbhZYXVUW_\Ug\YdYX'hc'g\UdY'UbX'XYj Y'cd'h\]g'Wci fgYz]bWi X]b['ZYXVUW_cVHU]bYX'Zca'cb!
']bY'Yj U'i Uhcbg'Ug'dUfhcZI BGK 'g'Ug'dUfhcZI BGK 'g'a m9I dYf]YbW'dfcW'gg"Mc'i 'UfY'\][\`m
YbWci fU[YX'hc'Wca d'YH'gi W\ 'Ub'cb!]'bY'Yj U'i Uhcb'hck UfX'hY'YbX'cZHYfa "': YYXVUW_UbX'gi [[Ygh]cbg
dfcj]XYX'k]'`VY'ja dcfhUbh]b]ja dfcj]b['hY'Wci fgY'Zf'Z hi fY'gh XYbng"

DATES TO NOTE

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

ACADEMIC ADVICE

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- ""Bch'g'cb'UggYgga Ybng'UbX'd'U[]Uf]ga ž
- ""GdYWU"7 cbg]XYfUhcbgž
- ""GWcc""Gh XYbh9h]Vg'C Z]Wfz'UbX
- ""69GG

fYZf'hc'hY'GWcc`k YVg]H'Uj U]UV'Y'Uh

Appendix: Engineers Australia (EA) Professional Standard

Program Intended Learning Outcomes	
? bck `YX[Y`UbX`g_]`VUgY	
D9%"%7 ca dfY\Ybg]j YžhYcfmVUgYX`i bXYfghUbX]b[`cZH`Y`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 cbW`dh`U`i bXYfghUbX]b[`cZH`Y`a`U`h`Ya`U`h]Wgž`bi`a`Yf]WU`UbU`mg]gž`gh`U`h`gh]Wgž`UbX`W`a`di`h`f`UbX`]b`Z`fa`U`h`cb`g`WY`b`W`g`k`\]W`i`b`X`Y`f`d`]b`h`Y`Y`b`[`]b`Y`Y`f`]b`[`]X`]g`W`d`]b`Y	
D9%"` `!`XY`dh`i`b`X`Y`f`g`h`U`b`X`]b`[`]c`Z`g`d`Y`W`U`]g`h`V`c`X`]Y`g`c`Z`_`b`c`k` `Y`X`[`Y`k`]h`]b`h`Y`Y`b`[`]b`Y`Y`f`]b`[`]X`]g`W`d`]b`Y	
D9%"(`8]gW`f`b`a`Y`b`h`c`Z`_`b`c`k` `Y`X`[`Y`X`Y`]Y`c`d`a`Y`b`h`U`b`X`f`Y`g`Y`U`f`W`X`]f`Y`W`]c`b`g`k`]h`]b`h`Y`Y`b`[`]b`Y`Y`f`]b`[`]X`]g`W`d`]b`Y	
D9%"`)?`b`c`k` `Y`X`[`Y`c`Z`Y`b`[`]b`Y`Y`f`]b`[`]X`Y`g`]b`d`f`U`W`]W`UbX`W`c`b`h`Y`h`U`Z`U`W`c`f`g`]a`d`U`W`]b`[`]h`Y`Y`b`[`]b`Y`Y`f`]b`[`]X`]g`W`d`]b`Y	
D9%"*`i`b`X`Y`f`g`h`U`b`X`]b`[`]c`Z`h`Y`g`W`c`d`Y`ž`d`f`]b`W`d`]Y`g`ž`b`c`f`a`g`ž`U`W`W`c`i`b`h`U`V`]h`Y`g`UbX`V`c`i`b`X`g`c`Z`g`i`g`h`]b`U`V`Y`Y`b`[`]b`Y`Y`f`]b`[`]d`f`U`W`]W`]b`h`Y`g`d`Y`W`Z`W`X`]g`W`d`]b`Y	
9b[]bYYf]b[`Udd`]WU]h]cb`UV`]m	
D9%"%5dd`]WU]h]cb`cZYghUV`]g\YX`Yb[]bYYf]b[`a`Y`h`c`X`g`h`c`W`c`a`d`Y`i`Y`b`[]bYYf]b[`d`f`c`V`Y`a`g`c`]b[
D9%"&:`i`Y`b`h`U`d`]WU]h]cb`cZYb[]bYYf]b[`h`Y`W`b`]e`i`Y`g`ž`h`c`g`UbX`f`Y`g`c`i`f`W`g	
D9%"`5dd`]WU]h]cb`cZgmg]h`a`U`h]W`Y`b[]bYYf]b[`g`m`b`h`Y`g`]g`UbX`X`Y`g`]b`d`f`c`W`g`g`Y`g	
D9%"(`5dd`]WU]h]cb`cZgmg]h`a`U`h]W`U`d`d`f`c`U`W`X`Y`g`h`c`h`Y`W`c`b`X`i`W`h`U`b`X`a`U`b`U`[`Y`a`Y`b`h`c`Z`Y`b`[]bYYf]b[`d`f`c`Y`W`g	
D`f`c`Z`Y`g`]c`b`U`UbX`d`Y`f`g`c`b`U`U`h`f`]V`i`h`Y`g	
D9` "%9h`]WU`W`c`b`X`i`W`h`U`b`X`d`f`c`Z`Y`g`]c`b`U`U`W`W`c`i`b`h`U`V`]m	
D9` "&9ZYW]j`Y`c`f`U`UbX`k`f`]h`Y`b`W`c`a`a`i`b`]WU]h]cb`]b`d`f`c`Z`Y`g`]c`b`U`UbX`U`m`X`c`a`U`]b`g	
D9` "'7fYU]j`Y`ž`]b`b`c`j`U`h]j`Y`UbX`d`f`c`!`U`W`]j`Y`X`Y`a`Y`U`b`c`i`f`	
D9` "(`D`f`c`Z`Y`g`]c`b`U`i`g`Y`UbX`a`U`b`U`[`Y`a`Y`b`h`c`Z`]b`Z`c`f`a`U`h]c`b`	
D9` ") `C`f`X`Y`f`m`a`U`b`U`[`Y`a`Y`b`h`c`Z`g`Y`ž`]b`X`d`f`c`Z`Y`g`]c`b`U`W`c`b`X`i`W`h`	
D9` "*"9ZYW]j`Y`h`Y`U`a`a`Y`a`V`Y`f`g`\]d`UbX`h`Y`U`a`Y`U`X`Y`f`g`\]d`	