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## COLLEGE REPRESENTATIVE COUNCIL

# (CRC) 7

### Tuesday, 29<sup>th</sup> September 2015

6:00pm

Prepared by Monique Langley-Freeman on the 30<sup>th</sup> September 2015





#### MINUTES - COLLEGE REPRESENTATIVE COUNCIL (CRC) 7 2015

Tuesday 29<sup>th</sup> September 2015

6pm, ANUSA Boardroom

#### Item 1: Meeting Opens and Apologies

#### Meeting opens at 6:07pm

#### 1.1 Acknowledgment of Country

#### 1.2 Apologies

- Albert Patajo
- Gabi Imperial
- Richard Kong

#### Item 2: Minutes from the Previous Meeting

Motion: to accept the minutes from the last meeting

- Mover: J. Waugh
- Seconder: A. Norris
- Motion passed (one abstention)

#### Item 3: Executive Reports

#### 3.1 Presidents' Report (B. Gill) [Reference A]

Taken as read. Key items to note:

- Submitted UEC Committee report
  - Turnitin policy too
- PhB report
- What are yr12 students interested in?
  - PhB outside Canberra has low awareness
    - Not seen as particularly great
    - Rename PhB degree?
- Co-curricular award
  - Recognising students who make a contribution outside of academia, on your transcript or testama
  - Co-curricular admission looking towards 2025, doing something in semester 2 2016
    - Paid work included in this?
      - I.e. paid intenship

Questions?

• What constitutes 'ANU Community'?

- E. Cambell: What's the perceived benefit of extracurricular on transcript over a resume?
- E. Roberts: How many credits do you need to do to get the award?
  - o B. Gill: Not operationalised
  - E. Hoiberg: Sounds like Duke of Ed
    - Little detail at this stage
- J. Waugh: Any reason apart from that others are doing it?
  - Not really.

Motion: to accept the President's report

- Mover: E. Roberts
- Seconder: E. Deegan
- Motion passed

#### 4.2 Vice Presidents' Report (J. Waugh) [Reference B]

No report provided

- Student forum happening 2pm tomorrow
- Report as read
- Multilateral dialogue between various university stakeholders on equity

#### 4.3 Education Officer's Report (J. Webb) [Reference B]

Taken as read.

Motion: to accept the Education Officer's report

- Mover: J. Ingram
- Seconder: E. Hoiberg
- Motion passed

Motion: to move the chair to the Vice President so the General Secretary may give her report

- Mover: E. Hoiberg
- Seconder: J. Waugh
- Motion passed

#### 4.4 General Secretary's Report (M. Langley-Freeman) [Reference C]

Taken as read, key items:

- Come to the honours meeting, send tendrils out to prospectives and current
- SUBMIT REPORTS ON TIME GUYS

Questions

• J. Ingram – not a question. Honours info sessions going on, one this Thursday

Motion: to accept the General Secretary's report

- Mover: T. Murphy
- Seconder: E. Hoiberg
- Motion Passed

Motion: to return the chair to the General Secretary

- Mover: E. Hoiberg
- Seconder: J. Webb
- Motion Passed

#### Item 5: College Representative Reports

#### 5.1 CAP Representatives' Report [A. Norris and T. Murphy) [Reference D]

Taken as read. Reps absent, questions to be taken at future meeting

- James and Jock
  - Alex Norris
    - Honours party held
    - Student Centre review panel
    - Working on another student forum for CHL
    - o Questions:
      - James: What about the teacher that was fired?
        - Teachers can cancel a course after the course starts
          - No policy on that
        - We got the teacher back

Motion: to acknowledge the good work done by CAP reps in difficult circumstances

- Mover: J. Waugh
- Seconder: B. Gill
- Motion Passed

Motion: to accept the CAP representatives' report

- Mover: J. Waugh
- Seconder: J. Webb
- Motion Passed

#### 5.2 CASS Representatives' Report (A. Biggs and L. Ma)

Absent, no report provided.

#### 5.3 CBE Representatives' Report (J. Chen and S. Lu)

Absent, no report provided.

#### 5.4 Joint College of Science Representative's Report (A. Patajo)

Absent, no report provided.

### 5.5 College of Law Representatives' Report (M. Lingerfelter and B. Morgan) [Reference E]

Taken as read.

- Catered consultation hours were successful
- Student-managed fund with CBE meeting with people next Wed to discuss academics getting involved in supervisory role

Questions:

- B. Gill: spouses?
  - Molly's husband is a lecturer in Science
- E. Roberts: on wellbeing, LSS is doing mental health stuff next week, organising a speaker to come and speak on mental health, could you collaborate on some things?
  - Yes, willing

- E. Hoiberg: What's the student-managed fund
  - Body of money to be used to trade in things, managed by students. Real-world skills with real money. CoL comes into it to manage legal work involved
  - Constitution construction, legal restraints, with aim being team of students at CoL that are helping
- J. Waugh: no profit thing?
  - No return on investment, everything is derived from donations and will funnel back into the fund
- E. Deegan: met with ACT Innovations?
  - Yes, meeting tomorrow
- J. Ingram: principles of investment?
  - Presumably. Can do trades outside of endowment because trades on trust for endownment
- T. Murphy: How do you get around law students unable to do legal advice?
  - o Structured well research assistant

Motion: to accept the CoL representatives' report

- Mover: J. Ingram
- Seconder: W. Ng
- Motion Passed

# 5.6 CECS Representatives' Report (E Campbell and E Deegan) [Reference F]

Taken as read, key items:

- Proposing a change to one of the courses, brought it up at an education meeting and we didn't let it pass, then got 50ish students to submit feedback
  - But going ahead with it despite large concerns
  - o Looking at alternatives
  - Offering energy systems
- Turnitin meeting with Michael ANU is meant to have a Turnitin administrative officer
- Bought a fridge
- Giving out SELT coffee vouchers
- Went to an Access/Inclusions meeting, was disappointed because of a lack of discussion of diverse groups

Questions

- B. Gill: speaking point at UAEC forum then.
- J. Waugh: 6 month cycle is concerning too
- B. Creelman: Who chairs the meeting?
  - Eleanor the Dean, but today College General Manager

Motion: to accept the CECS representatives' report

- Mover: J. Waugh
- Seconder: A. Norris
- Motion Passed

#### Item 6: Discussion Items/Motions on Notice

6.1 Computer Science Students Voting for CECS Reps

E. Campbell: Huge overlap

• Computer science is a third of the College

B. Creelman:

- Reform is seen as too difficult
- BSci as a three-year degree is more flexible than the 4-year degree
  - Huge chunk of people who are CS rather than Science but their rep is different

Motion: to move the chair to J. Waugh so the General Secretary can comment

- Mover: T. Murphy
- Seconder: J. Webb
- Motion Passed

M. Langley-Freeman:

- A big problem at uni is Majors so that's why voting is restricted to College

   Difficult to change Constitutionally
- E. Deegan:
  - Any suggestions about how to change?
- M. Langley-Freeman:
  - It will have to come from an administrative change from the university side. The way our voting is done is we hand it to an external body and give them our data. There's incomplete information on majors
  - Unless we change CS is administered it will be hard
- B. Gill
  - A way you do it is register major, but that could lead to cheating the system plus loses to laziness too
- B. Creelman
  - Registering major ususally don't register major in 1<sup>st</sup> year, but by 2<sup>nd</sup>/3<sup>rd</sup> year do. You can major in two completely different things and don't people who do two degrees get two votes?
- B. Gill
- Can we strengthen a relationship between Science and Computer Science? E. Campbell
  - It's more a problem of engineering reps being able to rep the CS students
    - Difficult for CS students to get votes over widely prescribed engineering students
- E. Deegan:
  - What if we get an engineering and a computer science rep?
- J. Waugh
  - Not a discussion for here

A. Norris

• There's a similarity between CAP and niche security students

Resolution to have further discussion this week with interested stakeholders

Motion: to return the chair to the General Secretary

- Mover: J. Webb
- Seconder: B. Gill
- Motion Passed

#### 6.2 Remaining College Rep Budgets

B. Gill – there is still money available so that you can do things.

#### Item 7: Other Business

Date of Next Meeting and Close The next meeting of the Student Representative College is scheduled to be on Tuesday the 13<sup>th</sup> of October at 6:00pm in the ANUSA Board Room.

### Meeting closed at 7.03pm





### REFERENCE MATERIAL

### COLLEGE REPRESENTATIVE COUNCIL (CRC) 7

### Tuesday, 29<sup>th</sup> September 2015

#### PRESIDENT'S REPORT

#### Ben Gill

#### Items for Report

- 1. University Education Committee (UEC)
  - a. PhB and Engineering (Research & Development) market research
  - b. Report of the Co-curricular award working party
- 2. Education Standards and Quality Committee (ESQC)
- 3. SSAF 2016

#### 1. University Education Committee (UEC)

This round of consultation focuses on two items which came up at the University Education Committee (UEC) on the 28th August 2015 and are the 6th in a series of items consulted since the beginning of the year. As such, ANUSA is seeking feedback on the following:

- PhB and Engineering (Research & Development) market research
- Report of the Co-curricular award working party

Feedback is due by the 12th October.

#### PhB and Engineering (R&D) market research

Over the last year external market research activities (qualitative and quantitative) have been undertaken including the ANU PhB and Research and Development (primarily Engineering) degrees. The market research engaged potential students (i.e. those deciding where and what to study at University) and those currently undertaking those degrees.

The key elements from the PhB and Research and Development degrees research for consideration were:

- Low awareness of the PhB in relation to other qualification types (41% for PhB; 82% for bachelor degree)
- Only 6% were able to identify the PhB as a research-based undergraduate degree, whereas 37% thought it was a degree in the subject of philosophy;
- Only 16% saw research projects as a key motivator for doing the degree;
- They are not perceived as being strongly above average in terms of employer regard (see <u>quantitative market research</u>).

Based on this research, the University is seeking feedback on the following items:

- 1. Should the ANU consider renaming the PhB to something more easily identifiable? If yes, what proposed names? If no, why not? (Note this is purely exploratory and does not indicate a name change is imminent)
- 2. How can internship and global study opportunities be enhanced in the PhB and Eng (R&D) offerings?

- 3. What are the three key employment outcomes for PhB and Engineering (R&D) to be used in marketing materials?
- 4. How can ANU improve understanding of the quality of ANU research and teaching outside the Canberra and the ACT region?

For more information please refer to the market research documents below.

- Graduate Surveys ANU PhB Experience
- <u>PhB + R&D Quantitative Market Research</u>
- PhB + R&D Qualitative Market Research

#### Report of the Co-curricular award working party

#### Recommendations

Based on the working party report and market research (outlined in Background below), ANUSA has been asked to provide feedback on the following recommendations:

(i) That the University establish ANU+, a new award program that:

- Recognizes student co-curricular engagement and contributions to the ANU community;
- Adds value to the vast range of co-curricular activity currently being undertaken by ANU students;
- Encourages students to develop skills related to their employability prospects; and
- Enables students to reflect on their co-curricular experiences and gain a deeper understanding of themselves and the world around them.

(ii) That the following student development outcomes inform ANU+ program:

- Self-awareness;
- Resilience;
- Personal and social responsibility;
- Inclusion and awareness of diversity;
- Leadership skills and understanding organizational dynamics;
- Community and global engagement;
- Time management; and
- Communications skills.

(iii) That a pilot ANU+ be implemented in semester 1, 2016.

(iv) That a co-curricular project management group be established, reporting to the Pro Vice-Chancellor (Student Experience) to implement the detailed program structure in semester 2, 2015, to assist and advise and to review the pilot in the middle of 2016.

#### Background

At its meeting of 1 May 2014, the Student Experience Committee considered a paper entitled 'Recognition of Student co-curricular engagement' and agreed to establish a

Working Party to establish the framework for an award to recognise student cocurricular engagement and activity.

The Working Party met four times between June and September 2014 with the working party report recommending that an award to recognise student co-curricular engagement be established and that it focus on specific developmental outcomes; and that a position of Convenor be established to coordinate the program and further develop the administrative framework. It is proposed that the new award be called ANU+.

The Deputy Vice-Chancellor (Academic) requested that, prior to the award proposal being submitted to UEC for its consideration, market research to be undertaken to determine level of support for student development outcomes embedded in the proposed ANU+ proposal. The research identifies market demand, perceived benefits of ANU+ as a concept, as well as the skills that should shape the award.

A summary of the market research findings and final report from the co-curricular working party can be accessed below. \* Co-curricular WP Final Report \* ANU + External Market Research.

#### 2. Education Standards and Quality Committee (ESQC)

ANUSA's response to the items open for consultation from ESQC 4 is available on Alliance and reflect discussions had at CRC 6. These items included;

- Principles for Recording of Teaching Activities Future Policy & Procedure
- Student Assessment (Coursework) Policy Turnitin Opt-Out

#### 3. SSAF 2016

Preparations for the 2016 SSAF bid are underway. To ensure as many students have the opportunity to be involved in the process, information has been made available on the ANUSA website as well as the capacity to submit new ideas to be included in the 2016 bid. These pages will be advertised through the Associations social media channels and highlighted in the Wk 8 newsletter. You can access these pages using the links below.

Ideas for 2016 SSAF Bid - <u>http://www.anusa.com.au/ideas-for-2016-ssaf-bid/</u> What is SSAF? - http://www.anusa.com.au/anusa-ssaf/

If you have any ideas you would like to discuss being included in the 2016 SSAF bid please email me at <u>sa.president@anu.edu.au</u>. In addition, I am particularly interested in whether the allocated college representative budget was sufficient for your purposes this year and whether we should a) keep it at \$2,000 b) decrease or c) increase.

#### EDUCATION OFFICER'S REPORT

Jock Webb

#### Next Ed Talk:

The next Ed Talk will be focussed on on-campus life, residential halls and colleges in particular and will be held on October 8 and will be a dinner-time discussion.

There will be a Facebook event and Eventbrite registration portal for this opened in due course.

We expect that the First Ed Talk next year will look at the experience of commuter students.

#### Moving forward:

Nothing much has happened in the sphere of deregulation recently. Although the cabinet shuffle in the government will possibly yield some change to the progress of any new Higher Education bill, it is unlikely that there will be another NDA rally or speak out this year due to lack of activity in this space.

I am looking to hold an 'Education Fair for a fair education'- type event in term 4. This will be focussed on spreading information regarding where we're at now in the debate.

If you have any burning ideas for Education-related events in term 4, please contact me at <u>sa.education@anu.edu.au</u>.

#### GENERAL SECRETARY'S REPORT

Monique Langley-Freeman

#### Items for Report

- 1. Annual Elections
- 2. OGM 3
- 3. Constitutional Changes Procedure update
- 4. Honours Working Group
- 5. Proposed Regulation Changes

#### 1. Annual Elections

As (hopefully) every should know the annual elections took place last term. A number of issues arose from these elections, which I addressed in my SRC report.

a. CAP Elections

There was a reported error with the data provided by ANU to ACT elections, specifically stating that PhB science students were enrolled in both JCoS and CAP. We notified ACT Elections immediately, but unfortunately, this took a while to confirm with the university to confirm as an error.

A meeting was held between myself, the RO, candidates for the CAP rep position, as well as Ben Gill and Sam Duncan. Each nominee was given the chance to speak to the RO to assist him in coming to a decision on the matter. The RO's response is as below:

#### Consideration of the issues

Section 7.2.4 of the ANUSA Constitution provides that:

If, after thoroughly investigating the conduct of an election referred to it under this Constitution, the Returning Officer accepts that there has been a breach of this Constitution or the Regulations, then the Returning Officer may, at their discretion:

- a. Affirm the result and declare the poll; or
- b. Declare the poll null and void and order a new election or referendum.

Mr Green advised those present at the meeting on 24 September 2015 that it was his view that a breach of the Constitution had occurred, as a substantial number of voters had been issued ballot papers for this election when they were not entitled to vote for it. Mr Green noted that it was possible that the result was not a fair indication of the voting intentions of those who were eligible to vote for the election. However, Mr Green noted that it was also possible the result may have been the same if those ineligible voters had not been issued with ballot papers.

Mr Green noted that it could be argued that it would be just and fair to hold a fresh election, limited only to those students eligible to vote for the College. However, Mr Green also cautioned that holding a stand-alone election in these circumstances could lead to a different result simply because fewer students may participate in such an election. It could also be argued that this may not be a fair and just outcome. Those present all expressed their views on the two options available. Several people noted that holding another election would place significant stress on the candidates and their supporters, particularly so close to the end of the semester.

It was generally agreed that, while the result of the original election may have been compromised by the inclusion of votes of candidates not eligible to vote at the election, allowing the original result to stand was a reasonable outcome given the circumstances.

Accordingly, it was unanimously agreed by all candidates and their representatives that the most appropriate outcome should be that the original result of the College of Asia and the Pacific ballot should stand.

#### The Returning Officer's decision

Taking into consideration the investigation and deliberations discussed above, I have decided to affirm the result and declare the poll of the ballot conducted for the College of Asia and the Pacific held from 24-27 August 2015.

#### 2. OGM 3

OGM 3 will take place on *Thursday*, 8<sup>th</sup> October in MCC T6. The date has been pushed back a week to avoid clashes with PARSA events and to allow additional time for the preparation of reports. As usual, if you have any questions regarding procedure/how to draft or put forth a motion, feel free to ask! I'm looking for volunteers to take minutes/record – if you can make it send me an email or let me know.

#### 3. Constitutional Changes - Procedure update

Firstly, I would like to draw everyone's attention to recently updated changes to the constitution, as were put through at SGM 1 this year.

It has come to my attention that there is a lack of familiarity regarding procedure of changes to our constitution. The procedure is:

- 1. Provide a motion with 21 days notice to a general meeting (a SGM)
- 2. Have that motion pass
- 3. Confirm the changes with the university executive at ANU Council
- 4. Apply to have changes made with the Office of Regulatory Services

#### 4. Honours Working Group

Not much has been happening on this front – I held a meeting a while back and no one came. I will start a facebook group this week and arrange a time to meet (probably late this week or early next week). If you are keen to be involved please let me know! It would be great if those of you who have contact to honours cohorts could spread the word.

#### 5. Proposed Regulation Changes

Over the next few weeks I will be working with Sam Duncan, the General Secretary elect to ensure that we are developing sustainable changes to our regulations which are, at this state, unworkable.

#### COLLEGE OF ASIA PACIFIC REPRESENTATIVES REPORT

Alex Norris + Tom Murphy

#### Items for Report

- 1. Student Centre Review
- 2. Honours Party
- 3. October CHL Review Forum

#### 1. Student Centre Review

Alex is sitting on the CAP Student Centre Review Panel. This is the second year that the CAP student centre has been in operation, and it does a significant amount of work for the undergraduate student population. Alex and Tom attended a student roundtable for the review, and will promote a survey for wider responses before the review closes on 23rd October.

#### 2. Honours Party

Alex and Tom threw a lunch for the Honours Students in the College of Asia and the Pacific. This was an opportunity for honours students to exchange ideas as they move into the final drafting phase of their papers. It was received very well.

#### 3. October CHL Review Forum

Tom and Alex are gearing up to hold a further student forum on changes to the School of Culture, History and Language. We are hearing significant reports of changes to how languages are taught in CAP, and are hoping to hold a forum in late October to clarify changes and disseminate information to a broad range of students.

#### COLLEGE OF LAW REPRESENTATIVES REPORT

Megan Lingafelter + Ben Morgan

#### Items for Report

- 1. Consultation Hour catering
- 2. Wellbeing Subcommittee
- 3. Student Managed Fund

#### 1. Catered Consultation Hours

The catered consultation hours have gone incredibly well over the last few weeks. It's involved placing a tab at Peppercorn café for coffee and banana bread, and we've held consultation sessions for a large number of courses. Participation has been high, and we've received a number of 'thank-you' emails from academics, stating that it was great to interact with students outside the normal motivation for consultation; being primarily grievances. We also received feedback asking if this practice could be expanded to other Colleges across the university.

#### 2. Wellbeing Subcommittee

Date for the wellbeing retreat is confirmed for the 16th-17th of October. It's taking place at Birrigai, and we're expecting around 20 staff and students. The CoL has agreed to fund the retreat, and we've begun circulating reference materials in preparation. Coming out of this we'd like the Committee to have a clear strategy in place for how it is going to approach student wellbeing at CoL, with initial areas of focus flagged as curriculum development, marking practices and staff/student engagement.

The retreat will also be producing a report synthesising its discussion/findings and future direction.

#### 3. Student Managed Fund

Meeting with Don Rothwell, Mark Nolan, Miriam Gani and Peta Spender on the 6th of October to discuss the CoL's engagement with the student managed fund. We're looking for academics that would be interested in working with students in an advisory role, to help develop skills and ensure quality control of any advice generated by the team.

Meeting with ACT Innovations this coming Thursday to discuss possible collaboration with the CoL, and provide possible areas for the student legal team to work on beyond the student fund itself.

#### CECS REPRESENTATIVES' REPORT

Emily Campbell + Emma Deegan

#### Items for Report

- 1. Change to Mechanics and Materials major
- 2. Turnitin information
- 3. Ian Ross Fridge
- 4. SELT vouchers

#### 1. Change to Mechanics and Materials major

The College will go ahead with their proposal to replace Sustainable Product Development (ENGN4420) with Nanotechnology and Applications (ENGN4810). This will commence in 2016.

#### a. Details

This was proposed at a College Education Committee meeting. Emily was not comfortable giving an opinion or approval at the time, so requested time to gather feedback from students. The feedback (attached) was very mixed and while some students supported it, there were a lot of legitimate concerns raised. The College informed us two weeks ago that they will go ahead with the change.

#### b. Follow up

Emily has requested feedback on the feedback, and also that the College advertises and justifies this to students soon.

#### 2. Turnitin

Emily met with the ANUSA lawyer, Michael Curtotti, to discuss Turnitin. This has been added as a discussion item for the next CRC, once all avenues have been explored and we can come back with something more concrete.

#### a. Details

This was initially done in the context of sharing information for CECS students doing research projects, but is applicable to all students, and it would be great to see ANUSA provide information on this for students by next year.

#### b. Purpose

To ensure students know their rights and what the pros and cons of Turnitin are.

#### c. Expectations

Students will make more informed decisions, some students may choose to use it less, but some might actually choose to use it more.

#### d. Follow up

We need to confirm details in a second meeting with Michael. We would also like to find out who ANU's Turnitin Administrative Officer is.

#### 3. Ian Ross fridge

Last week we bought a fridge to go in the lan Ross building.

#### a. Details

Students have wanted this for a while, there has been a lot of resistance from the College. We finally reached an agreement which involves the ESA being responsible for maintaining it.

#### b. Costs

\$150 (bar fridge)

#### c. Purpose

Keep students' meals cold and provide a space for them to keep milk for themselves too.

#### d. Expectations

The ESA will clean it out weekly.

#### e. Follow up

This is now in the hands of the ESA who will get it tagged.

#### 4. SELT Vouchers

We have decided that instead of hosting an event for SELT, we will be doing some vouchers for coffees.

#### a. Details

More students can engage this way, they can do SELT in their own time and they probably would prefer a coffee to a party anyway.

#### b. Costs

Max \$500. That gives vouchers for at most 143 students.

#### c. Purpose

Get up our SELT participation!

#### d. Expectations

Fewer people will participate.

#### e. Follow up

Organise "table" with coffee grounds. See if CECS is willing to contribute money.

#### Action Items

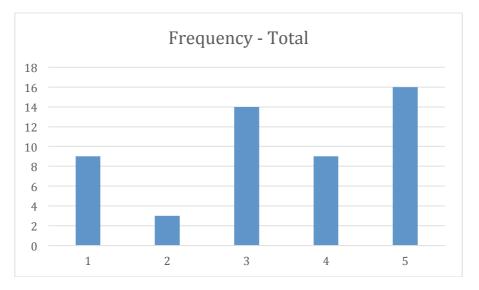
- 1. Hold second meeting with ANUSA lawyer [2 October]
- 2. Find out who ANU's Turnitin Administrative Officer is [ASAP]
- 3. Organise "table" at coffee grounds for SELT [16 October]

4. See if CECS is willing to contribute money to SELT vouchers [16 October]

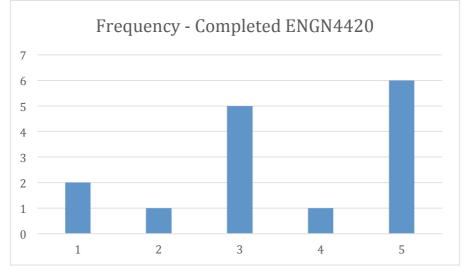
### Proposed Replacement of ENGN4420 Student Feedback Outline

9am Wednesday 26 August Form completed by 50 students

Do you agree with the change? (1 = not at all, 5 = very much) Median = 3



Of students the 15 who have completed ENGN4420:



Three of these students had either done or were completing ENGN4810 as well. They gave "1", "3", and "5".

Majors of Students

38 students in Mechanical and Material Systems.3 students in Sustainable Systems.

7 are doing other majors.

2 are undecided.

Planned course completion

38 students had not planned to do ENGN4810.6 have done it.3 are currently doing it.

4 planned to do it.

#### Summary of reasons in support and against.

(Note: some students gave multiple reasons and some gave none).

Reasons in support

| Nanotechnology is relevant          | 6  |
|-------------------------------------|----|
| Nanotechnology is more              | 5  |
| technical/interesting               |    |
| ENGN4420 is run poorly              | 12 |
| ENGN4420 does not have good content | 1  |

#### Reasons against

| Content of ENGN4420 is more useful for    | 6 |
|---|---|
| future jobs                               |   |
| Sustainability is an important topic      | 3 |
| Nanotechnology is already explored in the | 2 |
| other materials courses*                  |   |
| Nanotechnology is too niche/narrow**      | 6 |
| Poses problems for course selection for   | 3 |
| next year                                 |   |

\*Multiple students commented on Adrian Lowe included a lot of nanotechnology content in his material courses.

\*\*Particularly for those in the sustainable major/minor.

Students generally valued the content of ENGN4420, but not the delivery mode.

#### **Recommendations**

IF it were to go ahead, these were the main suggestions that emerged:

- Content from ENGN4420 should be put somewhere else. Whether that is in ENGN225, ENGN2226, ENGN3212 or in to a winter/summer elective. Possibly online. Possibly into 4516 or 3410.
  - Perhaps it could be dispersed among these where relevant.
- Run ENGN4810 in semester 1 2016 so that it doesn't adversely impact those planning to graduate at the end of 2016.

Many students gave alternatives:

- Replace ENGN4420 with ENGN3224
  - This suggestion came out from multiple students. It is an energy systems course. They believe it is more relevant, and is of much more interest to employers.
- Add a dedicated CAD course.