Options after Failing 1A in the Fall 2011
This information is applicable to students who have failed 1A in the Fall 2011 term after their first attempt at 1A.

General Information and Options
Stream-4 students who have secured a coop job are required to complete the Winter 2012 work term, unless their placement requires a promotion from the 1A term (applicable to some on-campus work programs). Stream-4 students without a coop job are encouraged to find their own employment ASAP in the Winter 2012 term. Stream-4 students are also required to complete PD 20 during the Winter 2012 term, with or without a coop job.

Students who feel there has been a gross error in a course mark should contact their instructor in early January 2012 to request their mark break-down and an informal review of their exam. It is very important to note that this is not an opportunity to plead for more marks, but rather a process to correct marking and administrative errors. Please read http://www.eng.uwaterloo.ca/~year1web/html/mark_verification.html for more important information on mark verification.

Students who experienced significant extenuating circumstances during the term should investigate a “Petition for Exception to Academic Regulations” by contacting the First Year Engineering Office and/or Engineering Counselling in January 2012. Please see http://www.eng.uwaterloo.ca/~year1web/html/petition.html for more information. It is important to note that petitions are prepared, submitted and reviewed over a 2 to 3 month period after the term is completed.

Students wanting to leave UW Engineering can explore their transfer options by contacting the program of interest (see http://www.eng.uwaterloo.ca/~year1web/html/leaving.html for UW contacts). Typically students must take courses during a non-degree term to facilitate a transfer to another UW faculty. After seeking approval for course selection from the program of interest, students can request an engineering non-degree term in early January 2012 (see instructions for requesting a non-degree term at http://www.eng.uwaterloo.ca/~year1web/html/non_degree.html). Note that it may not be possible to enrol in specific courses in the Winter 2012 term since they are already filled to capacity. Also note that Stream-4 students with coop jobs are not permitted to enrol in a non-degree term until after their work term is completed.

Students Wanting to Return to UW Engineering
Students wanting to return to UW Engineering will have to repeat 1A in the Fall 2012, either through the Qualifying Program for Readmission, QPR (please read the information and instructions for applying at http://www.eng.uwaterloo.ca/~year1web/html/qpr.html) or a successful petition. Successful petitions to repeat 1A under no academic penalty require verifiable and significant circumstances that are deemed to be largely responsible for the failed term. Entry into the QPR does not require verifiable and significant circumstances, but it does require an honest and thorough assessment of the past and a plan for the future. In both cases there are 1 to 2 months to apply for the QPR or petition and generally 8 months to make the necessary adjustments for a successful repeat term.

Version 2011.08.30
Our experience is that the 8 month break from UW is very beneficial. It gives time for students to rest, reflect, grow, plan and act. Some activities that students undertake during the 8 months prior to repeating 1A are: full or part-time employment, volunteering, research on learning styles and university study skills, taking a college programming course, taking UW Pre-University courses to refresh high school background (see [http://de.uwaterloo.ca/preuniversity.html](http://de.uwaterloo.ca/preuniversity.html)), self review of high school and 1A courses, developing independent living skills (cooking, cleaning, healthy grocery shopping, etc.), pursuing drivers licence, reading technical literature in their field of interest, developing a healthy exercise program, enhancing English and/or second language skills, etc.

1A Strengthening Term in the Winter 2012 or Spring 2012

Students who strongly desire to take courses during the Winter 2012 or Spring 2012 term, prior to repeating 1A, may request an engineering non-degree term to strengthen their background and make changes during an academic term. A strengthening term prior to repeating 1A has the following features:

- Students must select **two or three** courses from the following list of strengthening courses:
  - CHEM 120 – Physical and Chemical Properties of Matter
  - CS 115 – Introduction to Computer Science 1
  - ENGL 109/129R – Introduction to Academic/English Writing (clears ELPE)
  - MATH 114 – Linear Algebra for Sciences
  - MATH 127 – Calculus 1 for Sciences
  - PHYS 111 – Physics 1
  - SPCOM 223 – Public Speaking

  Note, if MATH 114 or MATH 127 are not offered or are full, then MATH 106 (Linear Algebra) or MATH 104 (Calculus) may be taken instead.

  Note that taking CHEM 120, MATH 104, MATH 114, MATH 127, or PHYS 111 will not excuse a student from retaking CHE 102, MATH 115, MATH 116, MATH 117, or PHYS 115 in the Fall 2012.

- Students can take **one** additional non-engineering course of interest, for a total of **3 courses**.

  This course may or may not be a Complementary Studies Course (see [http://ugradcalendar.uwaterloo.ca/?pageID=154](http://ugradcalendar.uwaterloo.ca/?pageID=154)).

- Students must attend seminars or one-on-one counselling for study skills during the term, ([http://www.adm.uwaterloo.ca/infoes/workshops/study.html](http://www.adm.uwaterloo.ca/infoes/workshops/study.html)). This is enforced by requiring students to confirm their attendance before requests for the QPR are approved.

- Students must score 50% or greater in each course. Scores below 50% will disqualify students from the QPR. This mark requirement highlights the seriousness of the strengthening term, and the necessity of seeking academic support during the term.

- Students are permitted to voluntarily withdraw from the strengthening term without penalty prior to the end of drop, penalty 1 period, ([http://www.quest.uwaterloo.ca/undergraduate/dates.html](http://www.quest.uwaterloo.ca/undergraduate/dates.html)).

During the first week of January 2012 stream-8 students can request a non-degree strengthening term for the Winter 2012 term ([http://www.eng.uwaterloo.ca/~year1web/html/non_degree.html](http://www.eng.uwaterloo.ca/~year1web/html/non_degree.html)). Once again it is important to note that enrolment in Winter 2012 courses may be difficult since many are already filled to capacity. In February 2012 stream-4 students can request a non-degree strengthening term for the Spring 2012.