

**ELECOMP Capstone Design Program:**  
**Fall 2023 Semester**

**Grading Breakdown**

**(Subject to change)**

**(I- Individual Grades Only)**

1. Major Progress Report MPR#1: Spiral-Ring bound Hard Copy due 10/24/23 in FCAE150 at 5pm: 20% for Individual Technical Contributions. (I)
2. Major Progress Report MPR#2: Spiral-Ring bound Hard Copy due 12/12/23 in FCAE150 at 5pm: 50% for Individual Technical Contributions for the whole semester. (I)
3. Effort: 154 Hours Expectation by December 12<sup>th</sup>: 5% (I)  
(14 hours/week commitment, in total, for 11 weeks from 09/22/23: 6 hours per week is dedicated capstone time; expecting 8 additional hrs/wk)
4. Log Book Evaluation: During Tuesday evenings, 5-8pm; 5% (I)
5. Oral Presentation Evaluation in the uploaded video, and the Presentation at Symposium on 12/19/23: 10% (I)
6. Individual Slides Evaluation in the uploaded video, and the Presentation at Symposium on 12/19/23: 10% (I)

**Grading for the Effort in Item 3 above.**

The average of all the individual CHWs (C) will be computed on 12/12/23. This is labeled as C\*.

The individual score, out of 5%, will be determined as follows:

1. If  $C > 1.1 \times C^*$ : score will be 5/5.
2. If C falls between  $0.9 \times C^*$  and  $1.1 \times C^*$ ; score will be 4/5.
3. If C falls between  $0.8 \times C^*$  and  $0.9 \times C^*$ ; score will be 3/5.
4. If C falls between  $0.7 \times C^*$  and  $0.8 \times C^*$ ; score will be 2/5.
5. If C falls between  $0.6 \times C^*$  and  $0.7 \times C^*$ ; score will be 1/5.
6. If  $C < 0.6 \times C^*$ : score will be 0/5.

**Grading for the Logbook in Item 4 above.**

The full score of 5% will be awarded, ONLY if ALL instructions, on the website, have been followed; otherwise it will be 0%.

**Guidance to the Technical Directors for scoring Individual Technical Contributions in Item 1, MPR#1, above.**

**A+ (19 or 20):** Exceptional technical contributions, with excellent leadership skills in managing and motivating the team. Previous experience was instrumental for expedited project progression. Extremely motivated, with passion and urgency, to achieve the Anticipated Best Outcome (ABO) of the project, in April 2024.

**A- (18):** Very good technical contributions; not quite as substantial, as defined in A+ above. Highly motivated, with passion and urgency, to achieve the ABO. Excellent team member.

**B+ (17):** Good technical contributions; quickly learned any new skills needed, and highly motivated to learn new ones. Clearly understands what needs to be done, to support the team effectively, for achieving the ABO.

**B: (16):** A bit below the expectations defined in B+ above.

**B-: (15):** Much below the expectation in B+ above. Lacks passion and urgency.

**C: (14):** Few technical contributions; still learning new skills needed for the project. Lacks motivation, passion and urgency.

**Guidance to Technical Directors for Scoring Individual Technical Contributions in Item 2, MPR#2, above.**

**A+ (48, 49 or 50):** Exceptional technical contributions, with excellent leadership skills in managing and motivating the team. These outstanding contributions will ensure achieving the ABO of the project, in April 2024.

**A- (45, 46 or 47):** Very good technical contributions; not quite as substantial, as defined in A+ above. These contributions were also important towards eventually achieving the ABO of the project.

**B+ (43 or 44):** Good technical contributions, helping the team towards eventually achieving the ABO of the project.

**B: (41 or 42):** A bit below the expectations defined in B+ above.

**B-: (39 or 40):** Much below the expectation in B+ above. Lacked passion and urgency.

**C: (36, 37 or 38):** Few technical contributions. Lacked motivation, passion and urgency.