Grading Policy

Due to the nature of the Attach-and-Train program, each of its modules is designed to assist in converting the trainees into industry-ready, entry-level, embedded system software developers. To serve the purpose, grading policy of CET129 module is designed to indicate the industry-readiness of a trainee and not to compare the performance of the trainees with each other. In the following two sections, the grading policy is explained with graphical illustration.

Section 1: Grading Policy in Brief:

1) In CET129, every kind of assessment performance is graded with one of the three letter grades (G,N,U).
2) Each letter grade is represented by a numerical value called **Grade Indicator Value (GIV)** on the moodle page.
3) **Performance Indicator Value (PIV)** is an encrypted value from which the total number of Grade-G, Grade-N, and/or Grade-U can be retrieved for each trainee. PIV is calculated in the following way:

$$\boldsymbol{PIV} = \frac{(\sum_{k=1}^{n} GIV_k) \times (100)}{n \times 100}$$

4) To pass the module, a trainee must get a certain number of Grade-G, Grade-N, and Grade-U. The grade count combination for passing the module is shown in Table 1 and Table 2 in the following section (*Terms and Conditions apply).

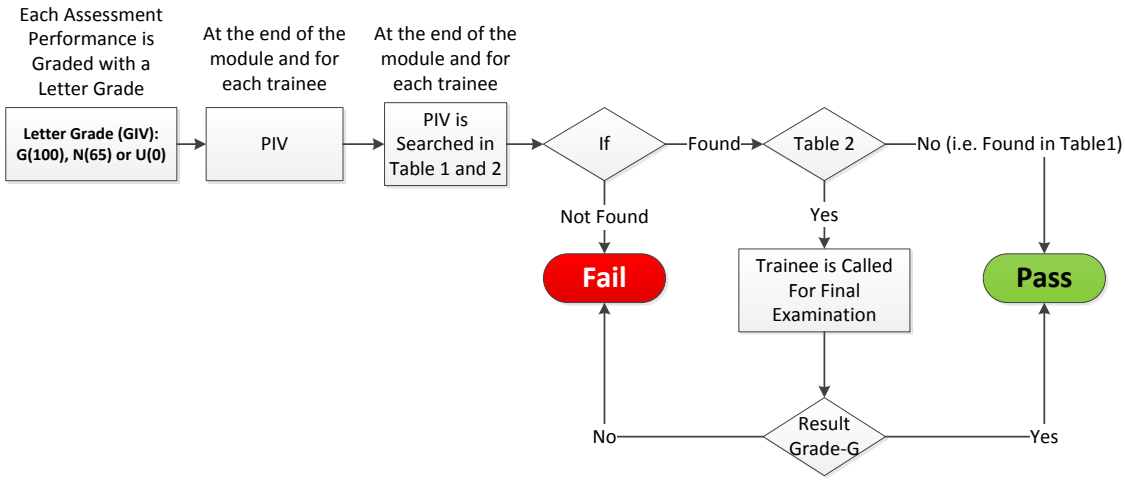

Fig 1: Graphical Illustration of the Grading Policy

Section 2: Grading Policy in Detail:

In this module, the performance of a trainee in each of the 12 in-class assessments and final examination (if any) is graded with the following three letter grades.

Letter Grade	Description
G	Great performance. Achieved the standard
N	Effort is visible but achievement is not up to the standard
U	Unsatisfactory performance

Criteria for Grade-G, Grade-N, and Grade-U varies for each assessment and discussed on the day of the assessment.

On the Moodle page for module CET129, Grade-G, Grade-N, and Grade-U are represented by the numerical values 100, 65 and 0 (in the Grade section). These Grade Indicator Values (GIV) should not be confused with assessment/examination scores.

At the end of the module, a Performance Indicator Value (PIV) is calculated for each trainee in the following way:

$$\boldsymbol{PIV} = \frac{(\sum_{k=1}^{12} GIV_k) \times (100)}{1200}$$

Table 1 and 2 show PIVs for various combinations of letter grades.

Total G	Total N	Total U	PIV
6	4	2	71.67
6	5	1	77.08
6	6	0	82.50
7	3	2	74.58
7	4	1	80.00
7	5	0	85.42
8	1	3	72.08
8	2	2	77.50
8	3	1	82.92
8	4	0	88.33
9	0	3	75.00
9	1	2	80.42
9	2	1	85.83
9	3	0	91.25
10	0	2	83.33
10	1	1	88.75
10	2	0	94.17
11	0	1	91.67
11	1	0	97.08
12	0	0	100.00

Table 1

PIV is an encrypted value from which the total number of Grade-G, Grade-N, and/or Grade-U can be retrieved. PIV is shown on the "Course total" column in the Grade section of the Moodle page for module CET129. If the PIV of a trainee matches with one of the PIVs (to be specific Grade Count Combinations) shown in Table 1, the trainee passes this module. However, if his/her PIV matches with one of the PIVs shown in Table 2, the trainee is called for a separate final examination. The trainee must get Grade-G in the final examination to pass the module. If the PIV does not match with any PIV shown in Table 1 or 2, the trainee fails the module.

Total G	Total N	Total U	Comment	PIV
4	7	1	Final Exam	71.25
4	8	0	Final Exam	76.67
5	5	2	Final Exam	68.75
5	6	1	Final Exam	74.17
5	7	0	Final Exam	79.58
7	2	3	Final Exam	69.16

Table 2