

REPUBLIC OF TURKEY
NIĞDE ÖMER HALİSDEMİR UNIVERSITY
DIRECTIVE FOR NORM-REFERENCED EVALUATION

PART ONE

Aim, Scope, Legal Basis and Definitions

Aim

ARTICLE 1- (1) This Directive aims to determine the principles of preparing and implementing the assessment instruments required to evaluate students' achievements and the norm-referenced evaluation methods to be used in converting the numerical grades determined at the end of the term into the achievement grade.

Scope

ARTICLE 2 - (1) Students' academic standing in faculties, high-schools and vocational schools of Niğde Ömer Halisdemir University (except for Foreign Language Preparatory Classes) in which norm-referenced evaluation is decided to be implemented is evaluated according to this Directive.

Legal Basis

ARTICLE 3- (1) This Directive is based on the Articles 16 and 30 of The Law no 26035 on Directive for Niğde Ömer Halisdemir University Regulations on Education and Exam Procedures in Associate and Bachelor's Degree dated 26/12/2005.

Definitions and Abbreviations

ARTICLE 4- (1) For the purpose of this Directive:

a) Norm-Referenced Evaluation System (NRES) shall mean a system that determines the achievement grade average determined according to the weight of the students' in-term works (laboratory, homework etc.), midterm and final exam grades according to the achievement level of all the students taking that course.

b) Participation Limit in Norm-Referenced Evaluation System (PLNERS) shall mean the limit set out in Article 14 of the Directive, which removes the negative effect of students who fall below a certain achievement limit on statistical evaluation.

c) Achievement Grade Lower Limit (AGLL) shall mean the lower limit determined for the absolute fail limit according to students' achievement grades without processing a statistical account for the achievement grade average determined according to the weighted score of the students' in-term works (laboratory, homework etc.) and midterm and final exam

d) Weighted Achievement Grade shall mean the achievement grade determined according to the weighted grades of the students' in-term works (laboratory, homework etc.), midterm and final exam.

e) Final Exam Limit (FEL) shall mean the lower limit determined out of 100 in the final exam in order to pass the course directly regardless of the scores of the students' in-term activities (laboratory, homework etc.) and midterm.

f) Rector shall mean the Rector of Niğde Ömer Halisdemir University.

g) Senate shall mean the Senate of Niğde Ömer Halisdemir University.

h) University shall mean Niğde Ömer Halisdemir University.

i) Directive shall mean Directive for Niğde Ömer Halisdemir University Regulations on Education and Exam Procedures in Associate and Bachelor's Degree

PART TWO

Norm-Referenced Evaluation System Implementation Principles

ARTICLE 5- (1) NRES is implemented when the number of students is over 10.

Determination of Weighted Achievement Grade

ARTICLE 6- (1) Within the scope of the principles of the article 30 of the Directive for Niğde Ömer Halisdemir University Regulations on Education and Exam Procedures in Associate and Bachelor's Degree, numeric weighted grade averages for each student are obtained considering the weight of midterm exams, in-term works and final exam of a course.

Courses with 10 Students or Less

ARTICLE 7- (1) If the number of students is ten or less, the weighted achievement grade of the student corresponds to the score obtained by multiplying the arithmetic mean of the weighted achievement grade of the class by the coefficient corresponding to the interval in Table I.

Table I

Class Average	Coefficient
90.00-100.00	1.00
80.00-89.99	1.05
70.00-79.99	1.10
60.00-69.99	1.15
50.00-59.99	1.20
40.00-49.99	1.25
30.00-39.99	1.30
29.99 and lower	1.35

Table II

Achievement Grades	Letter Grades	Coefficients
90-100	AA	4,00
85-89	BA	3,50
80-84	BB	3,00
75-79	CB	2,50
70-74	CC	2,00
65-69	DC	1,50
60-64	DD	1,00
50-59	FD	0,50
0-49	FF	0,00

Courses with the number of students between 11 and 29

ARTICLE 8- (1) In the examinations in which the number of students taking the examination is between eleven and twenty-nine, no statistical process is performed for the students who are eligible to participate in the norm-referenced evaluation. Norm-referenced grades are determined directly on the basis of the values in Table III according to the Tabulation Method based on the percentiles depending upon arithmetic mean of weighted achievement grade of the class.

Classroom Level	The Weighted Achievement Grade Average of the Classroom	Letter Grade Ratio (%)								
		FF	FD	DD	DC	CC	CB	BB	BA	AA
Excellent	–	0.50	0.50	3.20	4.80	17.40	11.60	22.80	15.20	24.00
Very Good	–	1.00	1.00	4.80	7.20	19.20	12.80	21.60	14.40	18.00
Good	–	1.50	1.50	6.00	9.00	21.60	14.40	19.20	12.80	14.00
Above Average	–	2.00	2.00	8.00	12.00	22.20	14.80	17.40	11.60	10.00
Average	–	3.50	3.50	9.60	14.40	22.80	15.20	14.40	9.60	7.00
Poor	–	5.00	5.00	11.60	17.40	22.20	14.80	12.00	8.00	4.00
Fail	–	7.00	7.00	12.80	19.20	21.60	14.40	9.00	6.00	3.00

Table III

Courses with 30 students or more

ARTICLE 9- (1) In the examinations in which the number of the students taking the examination is 30 or more, letter grades of the students who are eligible to participate in norm-referenced evaluation are determined according to the distribution on the Table IV by using T-Scores obtained from the standard scores the equations of which are given below ¹

T = Student's T score

X = Student's weighted achievement score out of 100 point

\bar{X} = Arithmetic mean of the weighted achievement grade of the class

N = Number of the students in the class

$$\bar{x} = \frac{1}{N} \sum_{i=1}^N x_i$$

$$T = \frac{x - \bar{x}}{\sqrt{\frac{1}{N} \left[\sum_{i=1}^N x_i^2 - N\bar{x}^2 \right]}} (10)+60$$

Determination of the number of the students who take part in NRES

ARTICLE 10- (1) The number of the students to whom NRES will be applied is determined by subtracting the number of absentee students and the students who are under PLNERS limit from total student number.

Students whose weighted achievement grade is under PLNERS

ARTICLE 11- (1) Weighted achievement grades of the students whose weighted achievement grade is under PLNERS are not included in the arithmetic mean of student achievement grades and the standard deviation calculation of the students who take the exam. FF letter grade is given to these students directly.

The students whose weighted achievement grades are under AGLL

ARTICLE 12- (1) FF letter grade is given to the students whose weighted achievement grades are under AGLL and these students are considered to have failed that course.

The students whose weighted achievement grades are under FEL

ARTICLE 13- (1) FF is directly given to the students whose weighted achievement grades are under FEL.

Lower limits to be implemented to NRES

ARTICLE 14- (1) In our university, $PLNERS \leq 10$, $AGLL \leq 35$, $FEL \leq 35$ lower limits are used in the faculties and high schools which apply course passing system.

Effect of the objection on the examination results

ARTICLE 15- (1) The objection to announced achievement grades is concluded according to the provisions of the Directive. In the case that the weighted achievement grade changes as a result of the objection, the new achievement grade of the related student is re-determined by being compared to the announced achievement grades of the related course and announced by the instructor.

PART THREE

Other Provisions

ARTICLE 16- (1) The achievement grades acquired before the beginning of 2010-2011 academic year are not changed but preserved as they are.

Validity

ARTICLE 17- (1) This directive is valid as of the date of its promulgation.

Execution

ARTICLE 18- (1) Provisions of this directive shall be executed by the Rector of Niğde Ömer Halisdemir University.

Table IV

Classroom Level	Weighted Achievement Grade Average of the Class	Limit Value of Norm-Referenced Grades in Terms of T Score								
		When Student Number is 30 and More								
		FF (0)	FD (0.5)	DD (1.0)	DC (1.5)	CC (2.0)	CB (2.5)	BB (3.0)	BA (3.5)	AA (4.0)
Overachievement		<32	32-36.99	37-41.99	42-46.99	47-51.99	52-56.99	57-61.99	62-66.99	≥67
Excellent		<34	34-38.99	39-43.99	44-48.99	49-53.99	54-58.99	59-63.99	64-68.99	≥69
Very Good		<36	36-40.99	41-45.99	46-50.99	51-55.99	56-60.99	61-65.99	66-70.99	≥71
Good		<38	38-42.99	43-47.99	48-52.99	53-57.99	58-62.99	63-67.99	68-72.99	≥73
Above Average		<40	40-44.99	45-49.99	50-54.99	55-59.99	60-64.99	65-69.99	70-74.99	≥75
Average		<42	42-46.99	47-51.99	52-56.99	57-61.99	62-66.99	67-71.99	72-76.99	≥77
Poor		<44	44-48.99	49-53.99	54-58.99	59-63.99	64-68.99	69-73.99	74-78.99	≥79
Failed		<46	46-50.99	51-55.99	56-60.99	61-65.99	66-70.99	71-75.99	76-80.99	≥81