(Ф 03.02 – 92)

National Aviation University

**Educational and Research Humanities Institute**

Foreign Languages and Applied Linguistics Department

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| AGREED  Director of ER IES  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_O. Zaporozhetz  “\_\_\_”\_\_\_\_\_\_\_\_\_\_2017 | APPROVED  Vice-Rector for Academics  and Educative activities  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Т. Іvanova  «\_\_\_»\_\_\_\_\_\_\_\_\_\_\_\_2017 |



Quality Management System

**COURSE TRAINING PROGRAM**

**on**

**“Foreign Language”**

Field of study: 10 “Natural Sciences”

Speciality: 101 “Ecology”

Specialization: “Ecology and Environmental Protection”

Year of Study – 1st Semester – 1st, 2nd

Practicals – 66 Graded Test – 1st semester

Self-study – 54 Examination – 2nd semester

Total (hours/ ECTS credits) – 120/4

Index ECB-5-101/16-1.4

**QMS NAU CTP 12.01.04 – 01-2017**

The Course Training Program on “Foreign Language” is based on the Bachelor Curriculum № ECB-5-101/16 for Speciality 101 “Ecology” and Specialization “Ecology and Environmental Protection”, Syllabus for this Subject, Index CB-5-101/16-1.4, approved by the Rector “\_\_” \_\_\_\_\_ 2017, correspondent normative documents and the order №307/od dated on 20.06.2017.

Developed by:

Senior lecturer

of the Department of Foreign Languages

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Discussed and approved by the Department of Foreign Languages and Applied Linguistics, Minutes № \_\_\_\_ of “\_\_\_\_” \_\_\_\_\_\_\_\_\_\_\_\_\_ 2017.

Head of the Department \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ О. Shostak

Discussed and approved by the Graduate Department for the Speciality  101  “Ecology” and Specialization “Ecology and Environmental Protection” – Department for Ecology, Minutes № \_\_ of “\_\_\_” \_\_\_\_ 2017.

Head of the Department \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ S. Boichenko

Discussed and approved by the Scientific-Methodological-Editorial Board of the Educational and Research Humanities Institute, Minutes № \_\_\_ of “\_\_\_”\_\_\_\_\_\_\_\_\_\_\_2017.

Head of SMEB \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ S. Yahodzinskyi

Director of the Center

Of Advanced Technologies \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ V. Kazak

Document level – 3b

The planned term between the revisions – 1 year

**Master copy**

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**1. INTRODUCTION**

The Course Training Program on the subject is developed on the basis of syllabus “Foreign Language” and “Methodical instructions for development and preparation of a syllabus and a course training program of subjects” adopted on 16.06.2015 by №37/order.

The grading system (GS) is an integral part of the course training program and it provides for assessment of student’s knowledge and skills during the current, module and semester tests. Grading procedure is performed according to the national grading scale and European Credit Transfer System grading scale.

The grading system provides for the use of the module grades (current module grade, module test grade, total module grade) as well as the graded test or examination grade, and the total semester grade.

**2. SUBJECT CONTENT**

**2.1. Training schedule of the subject**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| № | Topics | | | Academic Hours | | |
| Total | Practical | Self-study |
| 1 | 2 | | | 3 | 4 | 5 |
| 1 Year | | | | | | |
| 1 semester | | | | | | |
| **Module №1 “Ecology and Ecosystems. Biosphere. Man and Environment”** | | | | | | |
| 1.1 | | Education in Ukraine. Higher educational establishments. Nouns. Word order in the sentence. | 3 | | 2 | 1 |
| 1.2 | | National Aviation University. History of the university. Tenses and Voices of verbs. | 4 | | 2 | 2 |
| 1.3 | | Educational - Research Ecological Safety Institute. Present Simple Tense. | 3 | | 2 | 1 |
| 1.4 | | Education in Great Britain and the USA.Types of questions. Article. Word-building. | 4 | | 2 | 2 |
| 1.5 | | Ecology and ecological systems. Past Simple Tense. | 3 | | 2 | 1 |
| 1.6 | | Classification of ecosystems components. Interrogative sentences. | 3 | | 2 | 1 |
| 1.7 | | Living organisms. Continuous Tense. | 3 | | 2 | 1 |
| 1.8 | | Global ecosystem. Word-building. Adjectives. | 3 | | 2 | 1 |
| 1.9 | | Green plants. Photosynthesis. Degree of adjectives. Article. | 3 | | 2 | 1 |
| 1.10 | | Characteristics of ecosystems types. Continuous Tenses. Simple continuous tense. Interrogatives. | 3 | | 2 | 1 |
| 1.11 | | Theory of biosphere Past Continuous Tense. Interrogative sentences. Adverbs. | 4 | | 2 | 2 |
| 1.12 | | Theory of noosphere. Perfect tenses. Present Perfect Tense. Interrogative sentences. | 4 | | 2 | 2 |
| 1.13 | | Nature and society. Past Perfect Tense. | 4 | | 2 | 2 |
| 1.14 | | Man and environment. Present Perfect Continuous Tense. Past Perfect Continuous Tense. | 4 | | 2 | 2 |
| 1.15 | | Ecological education. Future Simple, Future Continuous and Future Perfect Tenses. | 4 | | 2 | 2 |
| 1.16 | | Thematic presentation to the module №1. | 4 | | 2 | 2 |
| 1.17 | | Module test №1. | 4 | | 2 | 2 |
| **Total for Module №1** | | | **60** | | **34** | **26** |
| 2 semester | | | | | | |
| Module № 2 “Geoecology. General pollution problem. Technonoecology.  Industrial Pollution” | | | | | | |
| 2.1 | | Geoecology. Usage of Active Tenses. Numbers. Word-building. | | 3 | 2 | 1 |
| 2.2 | | General problems of pollution. Verbs in Passive Voice. Passive Voice (Simple Tenses). | | 3 | 2 | 1 |
| 2.3 | | Varieties of pollution. Participles. | | 3 | 2 | 1 |
| 2.4 | | Water pollution. Interrogative sentences in Passive Voice (Simple Tenses). | | 3 | 2 | 1 |
| 2.5 | | Air pollution. Passive Voice (Continuous Tenses). Interrogative sentences. | | 3 | 2 | 1 |
| 2.6 | | Soil pollution. Passive Voice (Perfect Tenses). Interrogative sentences. | | 3 | 2 | 1 |
| 2.7 | | Technoecology. Passive Voice (Simple and Perfect Tenses). Infinitive. | | 4 | 2 | 2 |
| 2.8 | | Industrial waste pollution. Sequences of Tenses. General and special questions. | | 4 | 2 | 2 |
| 2.9 | | Oil pollution. Reported Speech. | | 4 | 2 | 2 |
| 2.10 | | Pollution from aircraft and space equipment. Present, Past Tenses (Active and Passive Voices). Infinitive. | | 4 | 2 | 2 |
| 2.11 | | Noise pollution in large cities. Transport traffic. Dialogue. Reported Speech. | | 4 | 2 | 2 |
| 2.12 | | Combustion. Consequences from burning natural and artificial materials. Word-building. | | 4 | 2 | 2 |
| 2.13 | | Genetic pollution. Impact on environment and people. Dialogue. Present, Past Tenses (Active and Passive Voices). | | 4 | 2 | 2 |
| 2.14 | | Monitoring of environment. Future Tenses (Active and Passive Voices). | | 4 | 2 | 2 |
| 2.15 | | Thematic presentation to the module №2 | | 6 | 2 | 4 |
| 2.16 | | Module test №2. | | 2 | 2 | 2 |
| **Total for Module №2** | | | | **60** | **32** | **28** |
| **Total for the 2nd semester** | | | | **60** | **32** | **28** |
| **Total for the subject** | | | | **120** | **66** | **54** |

**3. BASIC CONCEPTS OF GUIDANCE ON THE SUBJECT**

**3.1. List of references**

**Basic Literature**

3.1.1. Захарчук Н.В., Іщенко Л.Й., Глушаниця Н.В. “Modern Ecological Issues” Збірка матеріалів. – К.: НАУ, 2010. – 149 с.

3.1.2. Davydova N., Nikitchenko I. English for Natural Sciences.– К.,2004 – 407 с.

3.1.3. Іщенко Л.Й., Коваленко О.О., Тарнавська Т.В., Глушаниця Н.В. “Ecological Situation Today” Посібник. К.:НАУ, 2006. – 108 с.

3.1.4. Снопченко В.І. Biosphere. Man and Environment. Посібник.– К.:НАУ, 2005 – 106 с.

3.1.5.Шостак О.Г. Ковалинська І.В. Англійська мова. Екологія. Посібник. К.:НАУ, 2007–124с.

**Additional Literature**

3.1.6. Голіцинський Ю. Граматика. Збірник вправ. – К., 2004.

3.1.7. Коваленко О.О., Конопляник Л.М. Англійська мова: Метод. розробка для студентів 1 курсу всіх спеціальностей ІЕД. – К.: НАУ, 2003.

3.1.8. Товкач Е.М. “Екологія. Проблеми забруднення.” Метод.розробка. – К.:НАУ, 2003

**3.2. List of basic guidance materials for the subject**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Name | Index of Topics where Guides are Used | Amount |
| 1 | 2 | 3 | 4 |
| 1. | Table of Tenses in Active Voice. | 1.2 - 1.12 | 1 copy |
| 2. | Table of words formation from verbs with affixes. | 1.1, 2.1, 2.12 | 1 copy |
| 3. | Table of Tenses in Passive Voice. | 2.1 - 2.7 | 1 copy |

**4. RATING SYSTEM OF KNOWLEDGE AND SKILLS ASSESSMENT**

4.1. Grading of different kinds of academic work performed by a student is done in accordance with Table 4.1

Table 4.1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1 /2 semester** | | | | | | | |
| **Module № 1** | | | **Module № 2** | | | **Мах Grade** | |
| **Kind of Academic Activities** | **Мах Grade** | | **Kind of Academic Activities** | **Мах Grade** | |
| Reading and Translation ofTexts  (6 texts х 5 grades) | 30 | | Reading and Translation ofTexts  (6 texts х 5 grades) | 30 | |  | |
| Conversational speech | 8 | | Conversational speech | 8 | |  | |
| Grammar and thematic (testing) | 10 | | Grammar and thematic (testing) | 10 | |  | |
| Text Retelling (2 texts х 5 grades) | 10 | | Text Retelling (2 texts х 5 grades) | 10 | |  | |
| Preparing a Presentation on the topic | 10 | | Preparing a Presentation on the topic | 10 | |  | |
| *A student is to gain not less than 41 grades to be allowed to write Module Test №1* | | | *A student is to gain not less than 41 grades to be allowed to write Module Test №1* | | | | |
| Module Test №1 | | 20 | Module Test №2 | | 20 | |  |
| **Total for Module №1** | | **88** | **Total for Module №2** | | **88** | |  |
| **Semester Graded Test / Semester Graded Examination** | | | | | | | **12** |
| **Total Semester Grade** | | | | | | | **100** |

4.2. A student is considered to have passed the module if both his/her Current Module Grade and Module Test Grade are positive (see Table 4.2).

4.3. The grades a student has been given for the different kinds of academic work are summed up and the result constituting a Current Module Grade is entered into the Module Grade Register.

Table 4.2

Correspondence between the Grades for different kinds of activities

and the National Scale

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grades | | | | Module Test grade | National Scale  Grade |
| Text Reading and Translation,  Text Retelling | Conversational speech | Grammar and thematic (testing) | Preparing a Presentation on the topic |
|  | М 1 – 2 |
| 5 | 8 | 9-10 | 9-10 | 18 - 20 | Excellent |
| 4 | 6-7 | 8 | 8 | 15 - 17 | Good |
| 3 | 5 | 6-7 | 6-7 | 12 - 14 | Satisfactory |
| under 3 | under 5 | under 6 | under 6 | under 6 | Bad |

4.4. The sum of the Current Module Grade and the Module Test Grade is the Total Module Grade (Table 4.3) whose grades and the National Scale is entered into the Module Grade Register.

Table 4.3

Correspondence between the Total Module Grades and the National Scale

|  |  |  |
| --- | --- | --- |
| Module № 1 | Module № 2 | National Scale |
| 79-88 | 79-88 | Excellent |
| 66-78 | 66-78 | Good |
| 53-65 | 53-65 | Satisfactory |
| under 53 | under 53 | Bad |

4.5. A student is considered to have passed the module if both his/her Current Module Grade and Module Test Grade are positive according to the national scale (Table 4.2), which yields a positive Total Module Grade (Table 4.3).

4.6. The Semester Module Grade is calculated as the sum of the Total Module Grades. The correspondence between Semester Module Grade values and the National Scale is given in Table 4.4.

Table 4.4 Table 4.5

Correspondence between Correspondence between

the Semester Module Grades the Graded Test /Examination Grades

and the National Scale and the National Scale

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grades | National Scale |  | Grades | | National Scale |
| Graded test | Exam |
| 79-88 | Excellent |  | 12 | 11-12 | Excellent |
| 66-78 | Good |  | 10 | 9-10 | Good |
| 53-65 | Satisfactory |  | 8 | 7-8 | Satisfactory |
| under 53 | Bad |  | - | under 7 | Bad |

4.7. The Semester Module Grade and the Examination Grade together make up a Total Semester Grade whose correspondence to the National Scale and the ECTS Scale is shown in Table 4.6.

Table 4.6

Correspondence of the Total Semester Grades to the National Scale

and the ECTS System

|  |  |  |  |
| --- | --- | --- | --- |
| Total Semester Grades | National Scale | ECTS System | |
| ECTS Scale | Explanation |
| **90-100** | **Excellent** | **A** | **Excellent**  (excellent performance with insignificant shortcomings) |
| **82 – 89** | **Good** | **B** | **Very Good**  (performance above the average standard with a few mistakes) |
| **75 – 81** | **C** | **Good**  (good performance altogether with a certain number of significant mistakes) |
| **67 – 74** | **Satisfactory** | **D** | **Satisfactory**  (performance meets the average standards) |
| **60 – 66** | **E** | **Sufficient**  (performance meets the minimal criteria) |
| **35 – 59** | **Unsatisfactory** | **FX** | **Bad**  (bad performance; a second testing is required) |
| **1 – 34** | **F** | **Bad**  (very bad performance; a student shall retake the course) |

4.8. The Total Semester Grade is entered into the Examination Register and into a student’s record book in grades, National Scale grades, and ECTS grades.

4.9. The Total Semester Grade is entered into a student’s record book, for example: ***92/Ex/А, 87/Good/В, 79/Good/С, 68/Sat/D, 65/Sat./Е***, etc.

4.10. The Total Semester Grades of discipline are defined as the arithmetic average grade of the total semester grades in points (the first and second semesters – for this subject) with its transfer into National Scale and ECTS Scale.

The indicated Total Semester Grade of the subject is entered in the Diploma Supplement.

**(Ф 03.02 – 01)**

**АРКУШ ПОШИРЕННЯ ДОКУМЕНТА**

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| --- | --- | --- | --- | --- | --- |
| №  прим. | Куди передано (підрозділ) | Дата  видачі | П.І.Б. отримувача | Підпис отримувача | Примітки |
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**(Ф 03.02 – 02)**

**АРКУШ ОЗНАЙОМЛЕННЯ З ДОКУМЕНТОМ**

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| № пор. | Прізвище ім'я по-батькові | Підпис ознайомленої особи | Дата ознайом-лення | Примітки |
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**(Ф 03.02 – 04)**

**АРКУШ РЕЄСТРАЦІЇ РЕВІЗІЇ**

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| --- | --- | --- | --- | --- |
| № пор. | Прізвище ім'я по-батькові | Дата ревізії | Підпис | Висновок щодо адекватності |
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**(Ф 03.02 – 03)**

**АРКУШ ОБЛІКУ ЗМІН**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| № зміни | № листа (сторінки) | | | | Підпис особи, яка  внесла зміну | Дата внесення зміни | Дата  введення зміни |
| Зміненого | Заміненого | Нового | Анульо-  ваного |
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**(Ф 03.02 – 32)**

**УЗГОДЖЕННЯ ЗМІН**

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|  | Підпис | Ініціали, прізвище | Посада | Дата |
| Розробник |  |  |  |  |
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| Узгоджено |  |  |  |  |
| Узгоджено |  |  |  |  |