

**The syllabus**  
**According to the educational program «7M042 – Maritime and energy law»**  
**Spring semester 2024 - 2025 academic year**  
**Master Program in English**

Discipline's code and Title	Independent work of master students (IWMS)	Number of credits			Number of credits	Independent work of master student with teacher (IWMST)
		Lectures (L)	Practical training (PT)	Laboratory (Lab)		
<b>OBNIMEP5304</b> <b>Organization and planning of scientific research in the field of marine and energy law</b>	5	1,7	3,3	-	5	7

**ACADEMIC COURSE INFORMATION**

Form of education	Cycle, component	Types of lectures	Types of practical training	Form of final control Verbal exam via ZOOM platform
Online	Basic disciplines, by choice component	Classic, Problem, analytical lecture	Problem solving, situational tasks, case study	
Lecturer	PhD Lecturer at the Department of Customs, Financial and Environmental Law Teleuyev G Seminar-PhDTeleuyev G.			
e-mail	<a href="mailto:galim200385@mail.ru">galim200385@mail.ru</a>			
Telephone number	+77013290234			

**ACADEMICAL PRESENTATION ON DISCIPLINE**

Aim of course	Expected Learning Outcomes (LO)* As a result of studying the discipline the undergraduate will be able to:	Indicators of LO achievement (ID) (for each LO at least 2 indicators)
Provide for students the methodological basis of the scientist's consciousness, principles and stages of research; the basis of individual and collective research organizations; the specialist of the research in the legal profession; the basis of the basics of humane etiquette and communication; Peculiarities of academic letter in the age of mormon and energy rights	LO1. identify and formulate the legal problems in the field of justice; select the necessary research approaches, modify and develop new approaches, from the objectives of the concrete research; To rework the results achieved in the sphere of energy and mortal law	ID1. 1 Explaining the methodology of the study ID 1.2 to form a program of research: determine the object, subject, objectives and objectives of the research;
	LO2. analyse and inspect them by taking into account the literary sources; bibliographic work with the attraction of modern information technologies;;	ID 2.1 to present the results of the work carried out in the form of reports, references, articles, forms in compliance with the requirements with the attraction of modern means of revision and printing, ID 2.2 Determine the effectiveness of the research results. ID 2.3 bibliographic work with the attraction of modern information technologies.
	LO3. the work of a team and a team of research and development; academic work, which includes organization, preparation and carrying out research, typothetic articles; public representatives and discussions of the results of conducted research.	ID 3.1 academic work, which includes organization, preparation and carrying out research, typothetic articles; ID 3.2 the day of the study of the discus, disputing and discussion; ID 3.3 The structure of legal education Study of all and public manners
	LO4. To make an analyzes of domestic legal acts in regards of conducting scientific research in area of maritime and energy law	ID 4.1 Develop measures to ensure legislation in the field of the use of atomic energy. ID 4.2 Explain the reasons for the violation of the law and their elimination. ID 4.3 Develop plans to improve the

		enforcement of legislation in the field of nuclear energy use.
	LO5.To study basic elements of academic writing	ID 5.1 Study of the legal research's specific approach .ID 5.2 Study of questions related to science problems, concepts and theories. ID 5.3 Consideration of issues related to composition and composition of dissertation work
<b>Prerequisites</b>	EPRK 2222 Environmental GPRK2204 R law of RK Civil law of RK (General part), GPRK3206 Civil law of Kazakhstan (Special part)	
<b>Post requisites</b>	PEB3408 Environmental Law	
<b>Information resources **</b>	<p>References:</p> <ol style="list-style-type: none"> <li>1. Russian nuclear law. Textbook / A. I. Grishchenko. M.: Publishing House "Lawyer". 2017. -150 p.</li> <li>2. Romanova V. V. Problems and trends of legal regulation in the field of atomic energy use. Moscow: Yurist Publishing House. 2017 – 224 p.</li> <li>3. Sarsembayev M. A. Identification and solution of problems of regulatory and legal regulation of ecology in the construction and operation of nuclear power plants in the EAEU countries // online.zakon.kz</li> <li>4. Law of the Republic of Kazakhstan No. 405-IV of February 10, 2011 "On Ratification of the Vienna Convention on Civil Liability for Nuclear Damage of 1997" (Consolidated text of the Vienna Convention on Civil Liability for Nuclear Damage of May 21, 1963, as amended by the Protocol of September 12, 1997)//<a href="https://online.zakon.kz">https://online.zakon.kz</a></li> <li>5. Convention on Nuclear Safety (Vienna, 17 June 1994) // online.zakon.kz</li> <li>6. Law of the Republic of Kazakhstan dated January 12, 2016 No. 442-V "On the Use of Atomic Energy" // online.zakon.kz</li> <li>7. Law of the Republic of Kazakhstan dated April 23, 1998 No. 219-I "On radiation safety of the population" // online.zakon.kz</li> <li>8. Resolution of the Government of the Republic of Kazakhstan dated May 11, 2016 No. 284 "On approval of the Rules for conducting nuclear, radiation and nuclear physical safety expertise" // online.zakon.kz</li> <li>9. Order of the Minister of Energy of the Republic of Kazakhstan dated February 8, 2016 No. 39 " On approval of the Rules for the organization of collection, storage and disposal of radioactive waste and spent nuclear fuel " // online.zakon.kz</li> </ol> <p>Online resources: educational material-abstracts of lectures, as well as educational and methodological material necessary for completing homework, projects, SRS, is available on your page on the website <a href="http://adilet.zan.kz/rus/docs">http://adilet.zan.kz/rus/docs</a> and <a href="http://www.univer.kaznu.kz">www.univer.kaznu.kz</a>, in the UMCD section.</p>	
<b>Academic policy of the course</b>	<p>The academic policy of the discipline is determined by the Academic Policy and the Policy of Academic Integrity of Al-Farabi KazNU.</p> <p>Documents are available on the main page of IS Univer.</p> <p><b>Integration of science and education.</b> The research work of students, undergraduates and doctoral students is a deepening of the educational process. It is organized directly in the departments, laboratories, scientific and design departments of the university, in student scientific and technical associations. Independent work of students at all levels of education is aimed at developing research skills and competencies based on obtaining new knowledge using modern research and information technologies. A research university teacher integrates the results of scientific activity into the topics of lectures and seminars (practical) classes, laboratory classes and into the tasks of the IWST, IWS, which are reflected in the syllabus and are responsible for the relevance of the topics of training sessions and tasks.</p> <p><b>Attendance.</b> The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the discipline. Failure to meet deadlines results in loss of points.</p> <p><b>Academic honesty.</b> Practical/laboratory classes, IWS develop the student's independence, critical thinking, and creativity. Plagiarism, forgery, the use of cheat sheets, cheating at all stages of completing tasks are unacceptable.</p> <p>Compliance with academic honesty during the period of theoretical training and at exams, in addition to the main policies, is regulated by the "Rules for the final control", "Instructions for the final control of the autumn/spring semester of the current academic year", "Regulations on checking students' text documents for borrowings".</p> <p>Documents are available on the main page of IS Univer.</p> <p><b>Basic principles of inclusive education.</b> The educational environment of the university is conceived as a safe place where there is always support and equal attitude from the teacher to all students and students to each other, regardless of gender, race / ethnicity, religious beliefs, socio-economic status, physical</p>	

health of the student, etc. All people need the support and friendship of peers and fellow students. For all students, progress is more about what they can do than what they can't. Diversity enhances all aspects of life.

All students, especially those with disabilities, can receive advisory assistance by phone / e-mail – galim200385@mail.ru or via video link in <https://us04web.zoom.us/j/4976430744?pwd=RXQ4UytCbXVZMIZPcIF6WTIyVFNRdz09>.

Integration MOOC (massive open online course). If MOOC is integrated into the discipline, all students must register for MOOC. The deadlines for passing MOOC modules must be strictly observed in accordance with the schedule for studying the discipline.

**ATTENTION!** The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the discipline, as well as in the MOOC. Failure to meet deadlines results in loss of points (grade).

### INFORMATION ON TEACHING, LEARNING AND ASSESSMENT

Score-rating letter system of assessment of accounting for educational achievements				Methods of assessment															
Grade	The digital equivalent of grade	Grades in percentage	Grades in traditional form	<p><b>Criteria-based assessment</b> is the process of correlating actual learning outcomes with expected learning outcomes based on clearly defined criteria. Based on formative and summative assessment.</p> <p><b>Formative assessment</b> is a type of assessment that is carried out in the course of daily learning activities. It is the current measure of progress. Provides an operative relationship between the student and the teacher. It allows you to determine the capabilities of the student, identify difficulties, help achieve the best results, timely correct the educational process for the teacher. The performance of tasks, the activity of work in the classroom during lectures, seminars, practical exercises (discussions, quizzes, debates, round tables, laboratory work, etc.) are evaluated. Acquired knowledge and competencies are assessed.</p> <p><b>Summative assessment</b> is a type of assessment that is carried out upon completion of the study of the section in accordance with the program of the discipline. Conducted 3-4 times per semester when performing IWS. This is the assessment of mastering the expected learning outcomes in relation to the descriptors. Allows you to determine and fix the level of mastering the discipline for a certain period. Learning outcomes are evaluated.</p> <table border="1"> <thead> <tr> <th>The Formative and Summative assessments</th> <th>The grades in percentage</th> </tr> </thead> <tbody> <tr> <td>Activity at lectures</td> <td>5</td> </tr> <tr> <td>Work in practical classes</td> <td>20</td> </tr> <tr> <td>Independent work of students</td> <td>25</td> </tr> <tr> <td>Project activity</td> <td>10</td> </tr> <tr> <td>Final control (exam)</td> <td>40</td> </tr> <tr> <td>TOTAL</td> <td>100</td> </tr> </tbody> </table>		The Formative and Summative assessments	The grades in percentage	Activity at lectures	5	Work in practical classes	20	Independent work of students	25	Project activity	10	Final control (exam)	40	TOTAL	100
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Independent work of students	25																		
Project activity	10																		
Final control (exam)	40																		
TOTAL	100																		
A	4,0	95-100	Excellent																
A-	3,67	90-94																	
B+	3,33	85-89	Good																
B	3,0	80-84																	
B-	2,67	75-79																	
C+	2,33	70-74																	
C	2,0	65-69																	
C-	1,67	60-64	Satisfactory																
D+	1,33	55-59																	
D	1,0	50-54																	
FX	0,5	25-49	Unsatisfactory																
F	0	0-24																	

### CALENDAR (SCHEDULE) THE IMPLEMENTATION OF THE COURSE. THE TEACHING AND LEARNING METHODS

week	Topic name	Number of hours	Max. score
<b>Module 1. Introduction to Research Methodology in the Field of Maritime and Energy Law</b>			
1	<b>Lec 1.</b> Know and see. Rational and awe-worthy. A theoremic and empiric effect. Principles of academic competence. Criterion of the study of the consciousness.	1	
1	<b>Sem 1.</b> The study activity. The world as a basis for scientific activity. Scholarly study and a scholarly idea as a form of activity	2	7
2	<b>Lec 2.</b> Means of Cognition and Research Methods. The Emergence of the	1	

	Methodology of Science. Ethics and Aesthetics of Scientific Cognition.		
2	<b>Sem 2.</b> Understand the study of etiquetting. Morality, morality, ethics, ethical ethics: compliance with categories. Inside and out of the study ethic.	2	7
3	<b>Lec 3.</b> Ethical norms of the scientific community (R. Merton): universalism, generality, disinterestedness, impartiality, rational skepticism.	1	
3	<b>Sem 3.</b> Pseudoscientists and pseudoscience. The role of the academic community in countering unfair behavior in the scientific and academic environment.	2	7
3	<b>IWMST 1. Consultation on the implementation of the IWMS 1.</b>		
3	<b>IWMS 1. Academic Integrity– report</b>		25
4	<b>Lec 4.</b> General Provisions of Science and Classification of Sciences. Structure of Jurisprudence	1	
4	<b>Sem 4.</b> The concept of science and scientific research. Scientific research as a form of existence and development of science. The Main Goals and Objectives of Science. Classification of sciences.	2	7
5	<b>Lec 5.</b> Understand the study of etiquetting. Morality, morality, ethics, ethical ethics: compliance with categories. Inside and out of the study ethic.	1	
5	<b>Sem 5.</b> Characteristics of Scientific Specialties 12.00.00 – Jurisprudence. The object and subject of scientific research in each of the scientific specialties in jurisprudence.	2	7
5	<b>IWMST 2. Consultation on the implementation of the IWMS 2</b>		
5	<b>IWMS 2. The basic technologies to write academic essay (presentation)</b>		25
<b>Module 2 Fundamentals of Scientific Research Methodology. Universal and General Scientific Methods of Cognition</b>			
6	<b>Lec 6.</b> The concept of methodology of scientific research. The content of the methodology of scientific research.	1	
6	<b>Sem 6.</b> The Concept and Classification of Scientific Research Methods. Universal Methods of Cognition. Dialectics and Metaphysics	2	7
7	<b>IWMST . Consultation on the implementation of the IWMS 3</b>		
	<b>IWMS 3. Methodology of Scientific Research in Legal Sciences: Special Methods of Legal Research(presentation)</b>		15
7	<b>Lec 7.</b> System and Historical Analysis. Specificity of Empirical Scientific Research Methods.	1	
7	<b>Sem 7.</b> Analysis and synthesis. Reduction and induction. Analogy. The distancing. The checkout. Noticing. Experiment. Modeling. Application of all and universal applications in the jurisdiction	2	7
	<b>LEVEL CONTROL 1</b>		<b>100</b>
8	<b>Lec 8.</b> Specificity of the subject of scientific research in jurisprudence. Methods of Studying State and Law. Positivism, Worldview and Types of Legal Understanding.	1	
8	<b>Sem 8.</b> Specificity of the subject of scientific research in jurisprudence. Methods of Studying State and Law. Positivism, Worldview and Types of Legal Understanding.	2	6
9	<b>Lec 9.</b> The Method of Legal Research and the Method of Interpretation of Law: Correlation of Concepts. Comparative Legal and Historical-Legal Methods: Criteria and Problems of Comparison.	1	
9	<b>Sem 9.</b> The Method of Legal Research and the Method of Interpretation of Law: Correlation of Concepts. Comparative Legal and Historical-Legal Methods: Criteria and Problems of Comparison.	2	6
10	<b>Lec 10</b> Scientific Problem, Scientific Concept and Scientific Theory	1	
10	<b>Sem 10.</b> Scientific Problem, Scientific Concept and Scientific Theory	2	6
10	<b>IWMST 4. Consultation on the implementation of the IWMS 4</b>		
10	<b>IWMS 4. The essence and solution of a scientific problem. Formulation and formulation of a scientific problem. A scientific problem and a topic of scientific research. A hypothesis is a theoretical stage in the study of a scientific problem. (presentation)</b>		15
11	<b>Lec 11</b> The content of the hypothesis, its formulation and justification	1	
11	<b>Sem 11.</b> . Hypotheses-foundations and hypotheses-consequences.	2	6
11			
12	<b>Lec 12</b> Systemic, functional and instrumental approaches to the study and solution of a scientific problem.	1	
12	<b>Sem 12.</b> Status and Problems of the System Approach..	2	6

12	<b>IWMST 5. Consultation on the implementation of the IWMS 5</b>		20
12	<b>IWMS 5. Systemic, functional and instrumental approaches to the study and solution of a scientific problem</b>		
13	<b>Lec 13</b> To discuss the problems of international energy law	1	
13	<b>Sem 13.</b> Discuss the concept and principles of international energy law, its relationship and relationship with national law.	2	6
14	<b>Lec 14</b> Formulation of tasks in the course of solving a scientific problem	1	
14	<b>Sem 14.</b> Discuss the activities of international organizations for cooperation in the field of nuclear energy Discuss legal issues of non-proliferation of nuclear weapons.	2	6
14	<b>IWMST 6. Consultation on the implementation of the IWMS 6.</b>		
	<b>IWMS 6. Formulation of tasks in the course of solving a scientific problem</b>		15
15	<b>Lec 15</b> International legal support for nuclear and radiation safety.	1	
15	<b>Sem 15.</b> Safe transportation of nuclear materials, nuclear shipping	2	8
	<b>IWMST 7 Exam consultation</b>		
	<b>LEVEL CONTROL 2</b>		<b>100</b>
	<b>Final control (exam)</b>		<b>100</b>
	<b>Total for the course</b>		<b>100</b>

Dean

Head of department

Chairman of the Academic  
Committee on the quality  
of training and education

Lecturer



U.A. Akhatov

G.A. Kuanaliyeva

A.A. Urisbaeva

*G.B. Teleuyev* G.B. Teleuyev

**SUMMATIVE ASSESSMENT RUBRICATOR  
CRITERIA FOR EVALUATING RESEARCH RESULTS**

**IWMS 1. Academic Integrity– report**

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector	Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided.	Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector. Relevant and appropriate references (citations) to primary sources are provided.	Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are partly provided.	Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector. Relevant and appropriate references (citations) to primary sources are not provided.
understanding of the main issues of environmental and other legal requirements to the activities in the field of maritime and energy sector	Comparison of environmental legislation is well connected. Excellent support of arguments based on empirical research data (e.g., comparative legal or statistical analysis).	Comparison of environmental legislation. The arguments are supported by empirical research data.	Limited comparison of environmental legislation, relationship is limited. Limited use of empirical research data.	There is little or no correlation in comparing of environmental legislation. There is little or no empirical research.
Policy proposal or practical recommendations	Offers competent political and/or practical recommendations and proposals for the development of environmental legislation in Kazakhstan.	It offers some policy and/or practical proposals and proposals for the development of environmental legislation in Kazakhstan.	Limited policy and practical recommendations for the development of environmental legislation in Kazakhstan. Recommendations are not based on thorough analysis and are superficial	There are practically no political and practical recommendations for the development of environmental legislation or recommendations of very low quality.
Written, APA style	Writing in the APA style demonstrates clarity, precision, and accuracy. APA style is strictly adhered to.	There are some basic errors in the letter, and clarity needs to be improved. Following the APA style has its eatures.	The writing demonstrates clarity, precision and accuracy. Mainly follows APA style.	The writing is unclear, the content is hard to catch. There are no following the APA style.

**SUMMATIVE ASSESSMENT RUBRICATOR**

### CRITERIA FOR EVALUATING RESEARCH RESULTS

#### IWMS 2. The basic technologies to write academic essay (presentation)

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector	Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided.	Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are provided.	Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sector  Relevant and appropriate references (citations) to primary sources are partly provided.	Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are not provided.
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### CRITERIA FOR EVALUATING RESEARCH RESULTS

#### IWMS 3. Methodology of Scientific Research in Legal Sciences: Special Methods of Legal Research(presentation)

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector	Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided.	Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are provided.	Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sector  Relevant and appropriate references (citations) to primary sources are partly provided.	Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are not provided.
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**SUMMATIVE ASSESSMENT RUBRICATOR  
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**IWMS 4. The essence and solution of a scientific problem. Formulation and formulation of a scientific problem. A scientific problem and a topic of scientific research. A hypothesis is a theoretical stage in the study of a scientific problem. (presentation)**

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
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**IWMS 5. Systemic, functional and instrumental approaches to the study and solution of a scientific problem**

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector	Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided.	Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector. Relevant and appropriate references (citations) to primary sources are provided.	Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are partly provided.	Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector. Relevant and appropriate references (citations) to primary sources are not provided.
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**IWMS 6. Formulation of tasks in the course of solving a scientific problem**

Criteria	«very good» 20-25 %	«good» 15-20%	«satisfactory» 10-15%	«unsatisfactory» 0-10%
Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector	Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided.	Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are provided.	Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sector  Relevant and appropriate references (citations) to primary sources are partly provided.	Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.  Relevant and appropriate references (citations) to primary sources are not provided.
understanding of the main issues of environmental and other legal requirements to the activities in the field of maritime and energy sector	Comparison of environmental legislation is well connected. Excellent support of arguments based on empirical research data (e.g., comparative legal or statistical analysis).	Comparison of environmental legislation. The arguments are supported by empirical research data.	Limited comparison of environmental legislation, relationship is limited.  Limited use of empirical research data.	There is little or no correlation in comparing of environmental legislation.  There is little or no empirical research.
Policy proposal or practical recommendations	Offers competent political and/or practical recommendations and proposals for the development of environmental legislation in Kazakhstan.	It offers some policy and/or practical proposals and proposals for the development of environmental legislation in Kazakhstan.	Limited policy and practical recommendations for the development of environmental legislation in Kazakhstan. Recommendations are not based on thorough analysis and are superficial	There are practically no political and practical recommendations for the development of environmental legislation or recommendations of very low quality.
Written, APA style	Writing in the APA style demonstrates clarity, precision, and accuracy. APA style is strictly adhered to.	There are some basic errors in the letter, and clarity needs to be improved. Following the APA style has its eatures.	The writing demonstrates clarity, precision and accuracy. Mainly follows APA style.	The writing is unclear, the content is hard to catch. There are no following the APA style.

