

National Technical University of Ukraine  
«Kyiv Polytechnic institute»  
Faculty of Heat and power engineering

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Department of power engineering of atomic and power plants

(name of faculty)

Approve

Head of department PE APP

(name of department)

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(surname)

«\_\_»\_\_\_\_\_2015 .

## INDIVIDUAL LEARNING PLAN

On specialty «Thermal power plants»,

field of science «Heat and power engineering»

student 6 y. ed. , TS-41m

Bashkir Ivanna

(Surname, name)

on 2015/2016 studing year

**Theme of master's degree:**

The system of «dry» cooling of reversible water for condensers of low power turbines

Student

\_\_\_\_\_  
(signature)      Bashkir I.S.  
(Surname)

«\_\_»\_\_\_\_\_2015 .

Scientific supervisor

\_\_\_\_\_  
(signature)      Chernousenko O.Y.  
(surname)

«\_\_»\_\_\_\_\_2015.

## Class assignment

<b>№</b>	<b>Name of credit modules</b>	<b>Number of ECTS credits</b>	<b>Type reporting</b>	<b>Note</b>
<b>Autumn semester</b>				
1.	Author's law	2,0	exam	
2.	Philosophical problems of scientific knowledge	1,5	exam	
3	Foreign language professional direction	1,5	exam	
4	Basics of sustainable development	2,0	exam	
5	Innovation management	1,5	exam	
6.	Heat transfer in power plants	3,5	exam	
7.	Mathematical modeling of systems and processes	4,0	exam	
8.	Constituen question of HPP	4,5	exam	
9.	Gas and steam turbines	6,0	exam	

## Scientific research

№	Content	Deadline	Checkoff
1.	Calculation of evaporation cooling towers for condensers of low power turbines.	September - October	
2.	Aerodynamic Heat calculation of air cooler of reversible water for condensers of low power turbines.	November - December	
3.	Comparison of different systems of cooling of reversible water for condensers of low power turbines.	January - March	
4.	Occupational health and safety in emergency situations.	April	
5.	Generalization of the findings of the work performed.	May	
6.	Registration explanatory note, graphical material. Protection of master's thesis.	June	

## Scientific publications and participation in scientific conferences

№	Title / publishing	Title edition / conference	Conference term / publishing	Chechoff
1.		XII International scientific conference of graduate students, masters and students "Modern problems of scientific support energy"	April 2016	
2.		XV All-Ukrainian competition "Youth – for the energy of Ukraine - 2015"	April 2016	
3.				
4.				

## Teaching practicum

Content	Deadline	Checkoff

## Scientific internship

Organization / company	Terms of the internship	Checkoff

