ORIENTATION PRACTICE

(NAME OF PRACTICE)

OUTLINE

TO THE INTERNSHIP PROGRAM OF THE INSTITUTION OF HIGHER EDUCATION

FOR THE SPECIALTY: 1-53 01 02 AUTOMATED SYSTEMS OF INFORMATION PROCESSING

	FORM OF HIGHER EDUCATION	
	FULL-TIME (DAYTIME)	CORRESPONDENCE
RATE	1	1
SEMESTER	2	2
TOTAL HOURS OF INTERNSHIP/CREDITS	108/3	

1.1 OBJECTIVE OF PRACTICE

THE AIM OF EDUCATIONAL (INTRODUCTORY) PRACTICE IS TO CONSOLIDATE THE KNOWLEDGE GAINED BY STUDENTS IN THE PROCESS OF THEORETICAL TRAINING ON THE BASIS OF THE TRADITIONAL METHODS OF SOLVING THE TASKS, FORMATION OF THE ABILITY TO INDEPENDENT LEARNING OF NEW METHODS OF PROGRAMMING, CONSOLIDATION OF THE PRACTICAL SKILLS IN SOFTWARE DEVELOPMENT.

1.2 OBJECTIVES OF THE PRACTICE

TASKS OF PRACTICE ARE: FORMATION AT STUDENTS OF PRIMARY PROFESSIONAL SKILLS OF INDEPENDENT STUDYING; FORMATION AT STUDENTS OF PRACTICAL SKILLS ON STUDIED DISCIPLINES; STUDYING OF SEPARATE PACKAGES OF COMPUTER MODELING AND DESIGNING OF OBJECTS OF PROFESSIONAL ACTIVITY; SEARCH, ANALYSIS AND ESTIMATION OF THE INFORMATION FOR PREPARATION AND DECISION-MAKING ON CHOICE OF OPTIMUM METHODS OF THE SOLUTION OF TASKS IN VIEW; DEVELOPMENT OF PROGRAMS, THEIR MATHEMATICAL AND ALGORITHMIC MODELS; STATEMENT AND THE DECISION OF TASKS,

2. LEARNING OUTCOMES

- TO KNOW INFORMATION AND COMMUNICATION TECHNOLOGIES, USED FOR SOLVING STANDARD TASKS OF PROFESSIONAL ACTIVITY, METHODS OF SEARCH OF SCIENTIFIC AND TECHNICAL INFORMATION ON RESEARCH SUBJECTS AND METHODS OF SOLUTION OF PRACTICAL AND RESEARCH TASKS ON THE BASIS OF FUNDAMENTAL KNOWLEDGE OF ALGORITHMIZATION AND INFORMATION PROCESSING;

- BE ABLE TO USE INFORMATION AND COMMUNICATION TECHNOLOGIES, INFORMATION RESOURCES AND BIBLIOGRAPHIC DATABASES, INDEPENDENTLY STUDY SCIENTIFIC LITERATURE ON THE SUBJECT OF RESEARCH AND APPLY THE OBTAINED KNOWLEDGE IN PRACTICE, CHOOSE ON THE BASIS OF FUNDAMENTAL KNOWLEDGE OF ALGORITHMIZATION AND INFORMATION PROCESSING METHODS OF SOLVING PRACTICAL AND RESEARCH PROBLEMS;

- TO OWN SKILLS OF PROJECT AND ANALYTICAL INDEPENDENT WORK, ART OF CARRYING OUT PUBLIC PERFORMANCE, METHODS OF ORDERING AND GENERALIZATION OF THE INFORMATION, TO USE ON THE BASIS OF FUNDAMENTAL KNOWLEDGE OF ALGORITHMIZATION AND INFORMATION PROCESSING METHODS OF THE SOLUTION OF THE PRACTICAL AND RESEARCH TASKS.

3. FORMABLE COMPETENCIES

UK-2 TO SOLVE STANDARD TASKS OF PROFESSIONAL ACTIVITY ON THE BASIS OF INFORMATION AND COMMUNICATION TECHNOLOGIES;

UK-5 HAVE THE SKILLS OF SELF-DEVELOPMENT AND IMPROVEMENT IN PROFESSIONAL ACTIVITY;

BPC-6 APPLY BASIC ALGORITHMIC METHODS, METHODS AND MEANS OF OBTAINING, STORAGE, PROCESSING OF INFORMATION WHEN SOLVING PROFESSIONAL TASKS

4. FORM OF CURRENT ASSESSMENT

CURRENT ATTESTATION