

Educational institution
Belarusian State University of Economics

I APPROVE
Rector of the educational institution
“Belarusian State Economic University”
_____ V.Yu.Shutilin
28.06. 2019
Registration number UD 4070-19 / uch.

MANAGEMENT ACCOUNTING AND ANALYSIS

curriculum of higher education institution
on academic discipline for undergraduates in the specialty
1-26 80 03 Business Administration

2019

COMPONENTS:

Pankov DA, Head of the Department of Accounting, Analysis and Audit in the sectors of the national economy of the educational institution "Belarusian State Economic University", Doctor of Economics, Professor

REVIEWERS:

Busygin D.Yu., Head of the Department of Management, Accounting and Finance, Minsk branch of the federal state budgetary educational institution of higher education "Russian Economic University. G.V. Plekhanov ", Ph.D., associate professor,

Pashkovskaya L.V., Associate Professor of the Department of Accounting, Control and Finance of the Institute for Advanced Studies and Retraining of Economic Personnel of the Educational Establishment "Belarusian State Economic University", PhD in Economics, Associate Professor

RECOMMENDED FOR ADOPTION:

Department of Accounting, Analysis and Audit in the sectors of the national economy educational institutions "Belarusian State Economic University"
(Protocol number 10 dated 05.22.2018)

Scientific and Methodological Council of the educational institution "Belarusian State Economic University"
(protocol number 6 from 25.06.2019г)

Explanatory note

The curriculum of the discipline "Management Accounting and Analysis" is developed for the establishment of higher education "Belarusian State Economic University" in accordance with the requirements of the educational standard in the specialty 1-26 80 03 "Business Administration" (in Russian and English), and profiling "Positive business leadership"

The discipline "Management Accounting and Analysis" is a special discipline that forms the professional knowledge, skills and abilities of highly qualified accountants necessary to work in an innovative economy.

With the transition of the economy of the Republic of Belarus to market conditions of business, with the development of entrepreneurial activity, when the purpose of operating virtually any organization is to make a profit, the problem of maximally effective business management, regardless of the type of activity and the form of property organization, is largely actualized. Under these conditions, the value of the accounting and analysis system corresponding to the time requirements increases immeasurably. From this point of view, the weight of experience gained by the world economic community in organizing and maintaining management accounting and analysis at enterprises, adapting methods tested in world economic practice to the realities of Belarusian enterprises and organizations is more in demand. Managers' awareness of the advantages that the use of an extensive management accounting and analysis toolkit for solving tactical and strategic tasks of enterprise management can make makes professionals with knowledge in the field of management accounting and analysis increasingly in demand.

The main goal of the curriculum is to provide graduate students with knowledge of management accounting and analysis, its place, role and importance in informational support of management decision-making, providing all levels of enterprise management with the information necessary to make management decisions.

TASKS :

- determining the place of management accounting and analysis in the system of economic relations of enterprises;
- the study of classifications of production costs used in enterprises;
- the study of methods for calculating the cost of production and organization of cost accounting in the system of management accounting;
- study of the organization of accounting planning and control of the responsibility centers.

As a result of studying the discipline, students should:

KNOW:

- the role and place of management accounting and analysis in the system of economic relations of enterprises;
 - the relationship of management accounting and analysis with other types of accounting;
 - classification of production costs used in management accounting at enterprises;
 - methods for calculating the cost of production: custom, at standard costs.
- organization of management accounting and analysis in enterprises; **BE ABLE TO:**
- classify costs;
 - to assess the consumption of materials for various methods;
 - to calculate certain types of charges and deductions from wages;
 - to distribute production and non-production overhead costs;

- allocate responsibility centers in the organizational structure of the enterprise;
- calculate the cost of production using the following methods: order, at standard costs;
- reflect business transactions in the accounts in accordance with various cost accounting methods;
- apply the basic methods and techniques of accounting analysis, correctly
- interpret its results.

The structure of the curriculum and teaching methods of the academic discipline take into account the latest results of economic research and recent advances in the field of pedagogy and information technology, orienting students to acquire relevant professional competencies:

SK-12, SK-2 To be able to design, structure and control financial flows based on quantitative and qualitative data.

PC-1. Know the modern theories and concepts of the development of applied economic sciences: accounting, economic analysis, control and audit and be able to critically interpret and interpret them.

PC-2. Master the methodology and methodology of accounting analysis and audit at an advanced level, use the latest research methods in the field of professional activity, identify problems and justify proposals for their solution;

PC-3. Transform and interpret financial statements in accordance with the provisions of IFRS;

PC-4. Develop an accounting policy for accounting, tax and management accounting;

PC-5. Prepare accounting and tax reporting, develop forms of internal reporting and use the indicators presented in them for management purposes

PC-6. To form analytical information in the field of economic policy of the organization, making strategic decisions and forecasting the main indicators of the organization;

PC-7. Analyze financial and economic risks in the activities to justify the organization, prepare projects and management decisions, proposals for minimizing risks.

PC 14. To manage the accounting, control and financial services of property organizations and structural units of local authorities; economic, various forms of state and local authorities.

PC-15. Develop options for management decisions and justify their choice based on criteria of socio-economic efficiency.

PC-16. To study and implement managerial innovations in the field of professional activity.

Studying the academic discipline will contribute to a deeper understanding of the students' goals, to achieve which effective market accounting and analysis seeks, to help the accountant to develop a modern style of thinking and develop his skills of creative independent solution of emerging problems.

The main forms of studying the curriculum for academic discipline "Management Accounting and Analysis" are lectures, practical classes, individual work with the participation of a teacher, writing scientific papers.

The discipline "Management Accounting and Analysis" is closely related to such academic disciplines as: "Quantitative methods of analysis in business", "Financial Management".

In accordance with the curriculum for the specialty 1-26 80 03 "Business Administration", only 220 hours are provided for the study of the academic discipline, of which classroom hours are 114 hours, including 56 lectures and 58 hours of practical training. For academic discipline course work is not provided.

The form of current certification - test, exam.

CONTENT OF EDUCATIONAL MATERIAL

Topic 1. The concept and essence of management accounting

Management and its functions. The concept and essence of management accounting, the role of an accountant-analyst. The concept of cost, cost and cost management - the subject of management accounting.

Topic 2. Classification of costs in the management accounting system.

Cost classification for inventory valuation. Features reflect the cost of labor and material costs for the purpose of cost management. Relationship between the indicators: production costs - cost of goods sold - financial result. Expenses for a product and expenses of the period - an illustration of influence on the financial result. Classification of costs for decision making. Cost classification for planning and contro

Topic 3. Calculation systems

The fundamental factors of choosing a calculation system in an organization. Common features and differences of custom and process calculation. Stages of planning and control in order and process calculation. Manifestations of the inefficiency of the choice of calculation system and their consequences.

Topic 4. Accounting and distribution of production overhead costs.

Fundamental principles of allocation of overhead costs. Differences in domestic and international accounting of production overheads. Custom method of cost calculation. Actual and normal calculation.

Topic 5. Costing with full cost allocation and variable costs

Differences between cost estimates with full cost sharing and variable costs. Comparison of the effect of the difference between the volumes of production and sales on the amount of profit when calculating the cost of production according to the method of absorption-costing and direct costing.

Topic 6. Budgeting (budgeting).

The value of short-term planning (budgeting) in the overall framework of planning, decision-making and management. The structure of the main planning document. Operational plan. Financial plan.

Theme 7. Analysis of cost recovery (analysis of the ratio of sales - cost - profit).

Prerequisites (conditions) for the analysis of cost recovery. Analysis of the behavior of fixed and variable costs. Methods for allocating fixed costs of the total costs. Mathematical and graphical methods for determining the cost recovery point. The calculation of sales to obtain the planned amount of profit. Analysis of factors affecting the point of payback. Features of the calculation of the cost recovery point for enterprises producing products in the range. The impact of tax on cost recovery.

Theme 8. Marginal analysis as a basis for making management decisions.

The concept and value of marginal analysis and coverage margin. Factor analysis of the profit zone (security zone). Definition and analysis of the critical level of fixed costs, unit variable costs and prices. Justification option production technology. Justification of the choice of options for machinery and equipment. Justification of the decision to accept an additional order at a price below the critical level. Choosing a solution based on resource constraints.

Topic 9. Inventory management. Justification of the need and purpose of inventory management.

Characteristics and composition of the costs of maintaining the required level of reserves. Determination of the economically justified order quantity (LLC). The choice of decision on the use of volume discounts. Determination of the moment of renewal of the order (stock) (KOR). Using the NLR model to determine the duration of the production cycle.

Topic 10. Making investment decisions.

The relationship between risk and income in the process of choosing investment decisions. Analysis of discounted cash receipts. The method of estimating investments at net present value and profitability index. Estimated investment at the internal rate of return. The impact of inflation on investment valuation.

Educational and methodical map
of the discipline "Management Accounting and Analysis"
for full-time higher education undergraduates specialty 1-26 80 03 "Business Administration" (in Russian and English)

Section number	Topic	Number of classroom hours							Other *	form of control of knowledge
		Lectures	Practical classes	Seminars classes	Laboratory classes	Number of hours				
						L	Pz	Lab		
1	The concept and essence of management accounting	5	5						[2, 6, 10]	Oral poll
2	Classification of costs in the management accounting system.	6	6						[8, 5, 6, 9]	Oral poll
3	Calculation systems	6	6						[7, 8, 9]	abstract
4	Accounting and distribution of production overhead costs.	5	6						[5, 6, 10]	Oral poll
5	Costing with full cost allocation and variable costs	7	7						[2,7, 11,15]	Oral poll
6	Budgeting (budgeting).	6	6						[3, 6, 9]	Oral poll
7	Analysis of cost recovery (analysis of the ratio of sales - cost - profit).	6	6						[4,12, 9]	Problem solving
8	Marginal analysis as a basis for making management decisions.	5	5						[5, 6, 13]	Oral poll
9	Inventory management. Justification of the need and purpose of inventory management.	5	6						[3, 9, 11]	Oral poll
10	Making investment decisions.	5	5						[4, 12, 14]	Oral poll

Educational and methodical map
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Section number, Topics	Section name, topic	Number of classroom hours							Other *	form of control of knowledge
		Lectures	Practical classes	Seminars classes	Laboratory classes	Number of hours				
						L	Pz	Lab		
1	The concept and essence of management accounting	1	1						[2, 6, 10]	Oral poll
2	Classification of costs in the management accounting system.	2	2						[8, 5 , 6, 9]	Oral poll
3	Calculation systems	1	1						[7, 8, 9]	abstract
4	Accounting and distribution of production overhead costs.	1	2						[5, 6, 10]	Oral poll
5	Costing with full cost allocation and variable costs	1	2						[2,7, 11,15]	Oral poll
6	Budgeting (budgeting).	2	3						[3, 6, 9]	Oral poll
7	Analysis of cost recovery (analysis of the ratio of sales - cost - profit).	1	1						[4,12, 9]	Problem solving
8	Marginal analysis as a basis for making management decisions.	1	1						[5, 6, 13]	Oral poll
9	Inventory management. Justification of the need and purpose of inventory management.	1	2						[3, 9, 11]	Oral poll
10	Making investment decisions.	1	1						[4, 12, 14]	Oral poll
	Total hours	12	16							Test, exam

INFORMATION-METHODICAL PART

Methodical recommendations on the organization of independent work of undergraduates in the academic discipline "Management Accounting and Analysis"
In mastering the knowledge of the discipline an important step is the independent work of undergraduates. We recommend a budget of time for independent work on average 2-2.5 hours for a 2-hour classroom.

The main areas of independent work of a student are:

- initially a detailed introduction to the program of the academic discipline;
- familiarization with the list of recommended literature on the discipline as a whole and its sections, its presence in the library and other available sources, study of the necessary literature on the topic, selection of additional literature;
- study and expansion of the lecture material of the teacher at the expense of special literature, consultations;
- preparation for practical exercises according to specially developed plans with the study of basic and additional literature;
- preparation for the implementation of diagnostic forms of control (essays, tests);
- exam preparation.

Regulatory and legislative acts:

1. Instruction on accounting of income and expenses, approved by the decree of the Ministry of Finance of the Republic of Belarus of 30.09.2011 No. 102 // Consultant Plus: Belarus [Electronic resource] / YurSpectr LLC, National Center for Legal Inform. Rep.Belarus.-Minsk, 2019.
2. National Accounting and Reporting Standard "Individual Accounting Reporting", approved by the Ministry of Finance decree No. 104 dated December 12, 2016 // ConsultantPlus: Belarus (electronic resource) / YurSpectr LLC, Nat. center of rights. inform The Republic of Belarus. - Minsk, 2019.
3. National Accounting and Reporting Standard "Consolidated Accounting Statements", approved by Ministry of Finance Decree No. 46 of June 30, 2014 // ConsultantPlus: Belarus (electronic resource) / YurSpektr LLC, Nat. center of rights. inform The Republic of Belarus. - Minsk, 2019

Literature

Primary:

4. Pankov, D.A. Accounting analysis of capital turnover / D. A. Pankov, A. V. Solovyova. - Minsk: BSGATU, 2018. - 204 p. 6.2 lbs.
5. Pankov, D.A. Financial accounting and reporting (advanced level): a training manual. / a group of authors from Russia, Belarus, Poland, ed. ON. Kamordzhanova - Moscow: Prospect, 2017.- 256 p., (Contribution of DA Pankov - chapter 1, pp. 6-31).
6. Pankov, DA / Management accounting and analysis: studies. manual / D.A.Pankov, L.V.Pashkovskaya. - Minsk: GIUST BSU, 2011.-224 p.

7. Atkinson, E. A. Management Accounting / E.A. Atkinson [et al.]; by ed. A.D. Rakhubovsky; per. from English A. D. Rakhubovsky, D. A. Rakhubovsky. - 3rd ed. - M.: Williams, 2010. - 878 p.
8. Harrison, R. Management accounting: a textbook for students enrolled in the program "Master of Business Administration": Per. from English / R. Harrison, E. Norin, P. Brewer. -SPb.: Peter, 2010. - 591 p.
9. Golov, S. F. Management Accounting: Textbook / S. F. Gol. -TO.: Libra, 2011. - 576 p.
10. Drury, K. Managerial and production accounting: a textbook: Per. from English / K. Drury. - M.: UNITY-DANA, 2011. -1071 p

Additional:

11. Pankov, D.A. Reporting on cash flow: the actual state and areas for improvement / D.A. Pankov, L.S. Makhanko / Collection of Scientific Works of the 1st International Scientific and Practical Conference "Strategy for the Development of Entrepreneurship in Modern Conditions" January 26-27, 2017, St. Petersburg State University of Economics, 2017, pp. 188-192.
12. Pankov, D.A. / Accounting analysis of business cycles based on value added / Pankov DA, Kukhto Yu.Yu. / Collection of scientific papers of the 1st International Scientific and Practical Conference "Strategy for the Development of Entrepreneurship in Modern Conditions", January 26-27, 2017, St. Petersburg State University of Economics, 2017, pp. 195-198.
13. Ivanov, V. V. Management accounting for effective management / V. V. Ivanov, O. K. Khan. - M.: Infra-M, 2009. -208 p.
14. Pankov, D. A. The international aspect of the calculation of production costs as an element of the management accounting system / D. A. Pankov, L. V. Pashkovskaya // Accounting area, analysis and control in the system of corporate governance: development of intellectual and technical mobility: material Vi mlzhnar. Science, Kramatorsk-Zhytomyr, 9-10 Spring 2009 p. / Moscow, Ukraine, the Zhitomir State Technological University. - Zhytomyr: Ruta, 2009. -H. 1.-S. 63-68.
15. Pashkovskaya, L.V. Comparative analysis of domestic and international accounting of production overhead costs / L.V. Pashkovskaya // Economic growth of the Republic of Belarus: globalization, innovation, sustainability: materials II Intern. scientific-practical Conf., Minsk, May 19-20, 2009: in 2 tons. - Minsk: BSEU, 2009. - V. 2. - P. 176-178.

THE PROTOCOL OF THE AGREEMENT OF THE HEALTH EDUCATIONAL PROGRAM

The name of the school disciplines with which approval required	Title of the department	suggestions about changes in curriculum content institutions of higher academic education	The decision taken by the department that developed the curriculum (with the date and protocol number)
Quantitative methods of analysis in business	Statistics		

ADDITIONS AND CHANGES TO THE EDUCATIONAL PROGRAM

at ____ / ____ school year

№	Additions and changes	Base

The curriculum is revised and approved at the meeting of the department

_____ (Minutes No. ____ of _____ 201_)
(department name)

Head of Department

(academic degree, academic title) (signature) (First name and surname)

I APPROVE

Dean of the Faculty

(academic degree, academic title) (signature) (First name and surname)