

COURSE SYLLABUS

1. Information about the programme

1.1 Institution of higher education	UNIVERSITY OF ORADEA
1.2 Faculty	ENVIRONMENTAL PROTECTION
1.3 Department of	AGRICULTURE, HORTICULTURE
1.4 Field of study	HORTICULTURE
1.5 Level of study	MASTER
1.6 Study programme/ Qualification	MODERN HORTICULTURAL TECHNOLOGIES/ENGINEER

2. Discipline data:

2.1 Course name	QUALITY MANAGEMENT OF HORTICULTURAL PRODUCTS						
2.2 Course coordinator	GÎTEA MANUEL ALEXANDRU						
2.3 Seminar/ Lab/ Project coordinator	GÎTEA MANUEL ALEXANDRU						
2.4 Year of study	II	2.5 Semester	3	2.6 Type of assessment	Ex.	2.7 Type of discipline	C

(C) Compulsory; (O) Optional; (E) Elective

3. Total time estimated (hours of teaching per semester)

3.1 Number of hours per week	2	of which: 3.2 course	1	3.3 laboratory/ project	1
3.4 Total hours in the curriculum	28	of which: 3.5 course	14	3.6 laboratory/project	14
Distribution of time					hours
Study based on course book, course materials, bibliography and notes					32
Additional documentation in the library, on specialized electronic platforms / in the field					30
Training seminars / laboratories, homework, essays, portfolios and essays					30
Tutoring					10
Examinations					10
Other activities.....					-
3.7 Total hours of private study	112				
3.9 Total hours per semester	140				
3.10 Number of credits	5				

4. Prerequisites (where applicable)

4.1 curriculum	Mathematics, Agricultural economics, Accounting
4.2 competences	Knowledge of mathematical calculation and statistics notions

5. Conditions (where applicable)

5.1. for the course	-Presentation, video-projector, computer, boards.
5.2. for the laboratory	- Equipment needed for seminar dynamics; - Preparation of the paper, knowledge of the notions contained in the seminar paper to be performed (synthesis material); - Carrying out all seminar works.

6. Specific skills acquired

Professional skills	C5.1 Explaining the functionality of the criteria and methods for assessing the quality of different types of horticultural products and the pre- and post-harvest techniques that influence it C2.5 Developing a protocol for the implementation of a quality management system for horticultural products (e.g. ISO 9001/2008) at farm level
Transversal competences	CT1 Performing one's own attributions with professionalism and rigor and making specific decisions for teamwork in accordance with deontological values and principles CT3 Objective self-assessment of the need for continuous professional training in order to adapt professional competencies to the dynamics of the field and the demands of the labour market: learning new methods and techniques through continuous learning

7. Course objectives (based on the grid of the skills acquired)

7.1 The overall objective of the course	The main objective of Quality management of horticultural products is to develop a scientifically-based methodology for implementing the quality system, which takes into account the resources for carrying out these strategies and identifying a method of formulating this quality strategy for horticultural products.
7.2 Specific objectives	Designing a business plan based on a concrete feasibility study, knowledge of quality standards of horticultural products.

8. Contents*

8.1 Course	Teaching methods	No. of hours / Comments
1. Quality management systems. Definitions and basic concepts	Presentation, video-projector, computer, boards	1
2. Fundamental principles and elements of quality management	Presentation, video-projector, computer, boards	1
3. Controversies and trends of the concept of quality	Presentation, video-projector, computer, boards	1
4. Modelling and optimizing decisions to substantiate quality assurance strategies	Presentation, video-projector, computer, boards	1
5. The structure of the quality assurance system of horticultural products	Presentation, video-projector, computer, boards	1
6. Strategic management of horticultural product quality	Presentation, video-projector, computer, boards	1
7. Designing the quality control scenario of horticultural products	Presentation, video-projector, computer, boards	1
8. Engineering of the quality system of technological processes	Presentation, video-projector, computer, boards	1
9. Improving the quality control system of horticultural products	Presentation, video-projector, computer, boards	1
10. Quality costs of horticultural products	Presentation, video-	1

	projector, computer, boards	
11. Quality management of vegetable products	Presentation, video-projector, computer, boards	1
12. Quality management of fruit products	Presentation, video-projector, computer, boards	1
13. Quality management of wine products	Presentation, video-projector, computer, boards	1
14. Quality management systems	Presentation, video-projector, computer, boards	1
Bibliography		
1. Cecilia Pop, Ducu Ștef, Mircea Pop – <i>Managementul calității alimentelor</i> , vol. 1, Edict Production Iași, 2009		
2. Cecilia Pop, Ducu Ștef, Mircea Pop – <i>Managementul calității alimentelor</i> , vol. 2, Edict Production Iași, 2009		
3. Constantin Oprean, Claudiu Vasile Kifor, Octavian Suciuc - <i>Managementul integrat al calității</i> , Ed. Universității „Lucian Blaga” Sibiu, 2005;		
4. Andrei Victor - <i>Managementul asigurării calității, principii, concepte, politici și instrumente</i> , Ed. Infarom, 2008;		
5. Ioan Csösz, Sabin Chiș - <i>Managementul producției agroalimentare</i> , Ed. Orizonturi universitare Timișoara, 2005;		
6. Dinu Gavrilăscu, Daniela Giurcă - <i>Economie agroalimentară</i> , Ed. Expert, 2000;		
7. Margareta Oancea - <i>Managementul gestiunii economice și strategia unităților agricole</i> , Ed. Ceres, 2007.		
8.2 Laboratory	Teaching methods	No of hours / Comments
1. Business plan. Feasibility study	-Presentation, video-projector, computer, boards	1
2. Business plan. Feasibility study	-Presentation, video-projector, computer, boards	1
3. Business plan. Feasibility study	-Presentation, video-projector, computer, boards	1
4. General management methods	-Presentation, video-projector, computer, boards	1
5. Specific management methods and techniques.	-Presentation, video-projector, computer, boards	1
6. Substantiation of decisions	-Presentation, video-projector, computer, boards	1
7. Simulation models	-Presentation, video-projector, computer, boards	1
8. Optimization models	-Presentation, video-projector, computer, boards	1
9. Technical-economic analysis of the company's activity	-Presentation, video-projector, computer, boards	1
10. Management consulting	-Presentation, video-projector, computer, boards	1
11. ISO 9000:2001 Standard. ISO 9001:2001 Standard	-Presentation, video-projector, computer, boards	1
12. ISO 9004:2001 Standard	-Presentation, video-projector, computer, boards	1
13. TQM or Total Quality Management	-Presentation, video-	1

	projector, computer, boards	
14. Colloquium		1
Bibliography		
1. Cecilia Pop, Ducu Ștef, Mircea Pop – <i>Managementul calității alimentelor</i> , vol. 1, Edict Production Iași, 2009		
2. Cecilia Pop, Ducu Ștef, Mircea Pop – <i>Managementul calității alimentelor</i> , vol. 2, Edict Production Iași, 2009		
3. Constantin Oprean, Claudiu Vasile Kifor, Octavian Suciuc - <i>Managementul integrat al calității</i> , Ed. Universității „Lucian Blaga” Sibiu, 2005;		
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8.4 Project		

9. Corroborating the content of the discipline with the expectations of the epistemic community, professional associations and representative employers within the field of the programme

The content of the discipline is adapted and meets the requirements of the labour market, being agreed by social partners, trade associations and employers in the field related to the license program.

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the final grade
10.4 Course	For grade 5, all subjects must be treated to minimum standards For grade 10, all subjects must be treated to the highest standards	Oral exam	60%
10.5 Seminar			
10.6 Laboratory	For grade 5, the student must answer correctly to at least 50% of the questions For grade 10, the student must answer correctly to 100% of the questions.	The student will be evaluated through a multiple-choice test, including questions from all the subjects covered.	40%
10.7 Project			
10. 8. Minimum performance standard: Designing strategies for the development of integrated systems of sustainable management of agricultural production risks.			

Date of submission

Course coordinator/project

Seminar coordinator

01.10.2020

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Date of approval in the department

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07.10.2020

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