

Course description

Part 1

General information about the course		
1. Major of study: Midwifery		2. Study level: First degree / Practical profile
4. Year: I / cycle 2022-20245		3. Form of study: full-time studies
		5. Semester: I - II
6. Course name: Basics of Maternity Care		
7. Course status: required		
8. Course contents and assigned learning outcomes		
<p>Acquaintance with the profession of midwife - basic concepts, terminology, history, role, function, tasks, competences.</p> <p>Acquaintance with methods and models of midwife work and standards of obstetric and gynecological care.</p> <p>Understanding the stages and running the nursing process as a midwife's method of work.</p> <p>Developing patient-medical staff interpersonal communication skills.</p> <p>Shaping and improving the skills of professional nursing, gynecology and obstetrics over a woman during pregnancy, childbirth and physiological and pathological confinement, with gynecological diseases in the field of conservative, surgical and oncological gynecology, taking into account the latest methods and knowledge of the basics of obstetric and gynecological care, and midwife's ethics.</p>		
Learning outcomes / reference to learning outcomes indicated in the standards		
<p>For knowledge – student knows and understands: C.K1., C.K2., C.K3., C.K4., C.K5., C.K6., C.K7., C.K8</p> <p>For skills student can do: C.S1., C.S2., C.S3, C.S4, C.S5, C.S5, C.S6, C.S7, C.S8, C.S9, C.S10., CS11, C.S12, C.S13, C.S14, C.S15, C.S16, C.S17, C.S18, C.S22, C.S23.</p> <p>For social competencies student is ready to: Point 1.3 of general learning outcomes</p>		
9. Number of hours for the course		460
10. Number of ECTS points for the course		17
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	I sem. passing - the average of partial grades from tests II sem. passing - the average of partial grades from tests Test of lectures after the first semester Test of lectures after the second semester Integrated OSCE exam after the second semester, consisting of theoretical and practical parts	*
Skills	I semester passing - the average of partial grades for the implementation of the commissioned task II semester passing - the average of partial grades for the implementation of the commissioned task Integrated OSCE exam after the second semester, consisting of theoretical and practical parts	*

Competencies	Observation	*
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* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail:		
Department of Propaedeutics of Obstetrics, Department of Women’s Health ,Faculty of Health Sciences in Katowice, Medical University of Silesia in Katowice 40-752 Katowice ul. Medyków Street 12 tel. +48 32 20 88 629		
13. Name of the course coordinator:		
dr hab. n. o zdrowiu Mariola Czajkowska		
14. Prerequisites for knowledge, skills and other competencies:		
Basics of knowledge in human anatomy and physiology		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	notice board Department of Propaedeutics of Obstetrics 4th floor www.kzk.sum.edu.pl	
17. Location of classes	notice board Department of Propaedeutics of Obstetrics 4th floor www.kzk.sum.edu.pl	
18. Location and time for contact hours	notice board Department of Propaedeutics of Obstetrics 4th floor	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
in knowledge, the student knows and understands:		
C_K01	Characterizes the basic concepts related to the essence of the profession, preparing the midwife to perform a professional role	C.K1.
C_K02	Discusses the categories of recipients of obstetric services and the place of delivery of health services	C.K2.
C_K03	Discusses the midwife's roles, functions and professional tasks	C.K3.
C_K04	Discusses contemporary directions of perinatal care, perinatal care organizations and the participation and role of a midwife in perinatal care	C.K4.
C_K05	Characterizes models of organizing obstetric care and midwife work	C.K5.
C_K06	Discusses the models, standards and procedures used in the midwife's professional practice	C.K6., C.K8.
C_K07	Discusses the basic theoretical assumptions of practice standards in the midwife's profession and general standards of obstetric clinical practice	C.K2., C.K8.
C_K08	Characterizes the principles of documenting the recipient's health and keeping medical records	C.K6., C.K8.

C_K09	Characterizes the general principles of conduct for the prevention of complications during nursing, diagnosis, treatment and rehabilitation	C.K5., C.K8.
C_K10	Discusses the scope, methods and methods for assessing the patient's state of health (pregnant, delivery, obstetrical, newborn, woman at risk of disease, gynecologically ill)	C.K6., C.K8.
C_K11	Describes the activities and principles of preparing a midwife for instrumentation, including: hygienic and surgical hand washing, putting on operating underwear and diagnostic procedures	C.K., C.K8.
C_K12	It presents the midwife's participation in the process of diagnosing, treating, rehabilitating and nursing a woman in various periods of her life and state of health.	C.K3., C.K8.
C_K13	Presents equipment for diagnostic, nursing and therapeutic tests and treatments used in obstetrics, neonatology and gynecology	C.K6.
C_K14	Characterizes the rules of handling equipment, tools, dressing material and underwear after use	C.K7.
C_K15	Discusses the principles of preventing hospital infections, the use and storage of disinfectants	C.K7.
C_K16	Discusses the importance of aseptic and antiseptic in preventing infections	C.K7
C_K17	Discusses the principles of patient's physical preparation for diagnostic, therapeutic and therapeutic procedures using knowledge of medical sciences and the basics of psychology	C.K3.
C_K18	Discusses the essence, purpose, indications, contraindications, dangers, applicable principles and structure of basic nursing and obstetrics	C.K5.
C_K19	Describes the assumptions of the nursing process as a method of midwife's work in caring for a woman, her child and their family	C.K3.
C_K20	Discusses the nursing process (the essence, stages, rules of use) and the assumptions of primary nursing in obstetric / nursing practice	C.K4., C.K8.
C_K21	Discusses the impact of traditional nursing on the functioning of nursing / obstetric practice	C.K4.
C_K22	Uses terminology used in obstetric, neonatological and gynecological care	C.K6.
C_K23	It defines elements of general and obstetric interview for pregnant, delivery, obstetric and newborn babies	C.K6.
C_K24	Applies the principles of physical examination of a pregnant woman and obstetrician	C.K6.
C_K25	Discusses the indications, method of preparation and the role of a midwife in obstetric and gynecological procedures	C.K6.
C_K26	Describes the symptoms of early pregnancy and the principles of monitoring the state of the pregnant and fetal well-being	C.K6.
C_K27	Characterizes preventive, caring and curative measures, in certain obstetric situations, removing sutures from wounds, changing the dressing and improving it in the puerperium	C.K5., C.K8.
C_K28	Discusses the tasks and activities carried out by a midwife in urgent states in obstetrics, neonatology and gynecology	C.K6., C.K8.
C_K29	Characterizes the methods, methods and procedures used in the care of the newborn and the infant	C.K6., C.K8.

C_K30	Characterizes the technique and rules of performing selected procedures in a newborn baby, including capillary blood, urine, screening tests, injections, intravenous punctures, tube insertion, phototherapy	C.K6., C.K8.
C_K31	She discusses the method of choosing newborn feeding methods and techniques depending on his condition	C.K6.
C_K32	Specifies elements of general, obstetric and gynecological history in a woman at risk of disease and gynecologically ill	C.K6.
C_K33	Discusses the elements of physical examination of a gynecologically ill woman	C.K6., C.K8.
C_K34	Discusses the indications, method of preparation as well as midwife's tasks and activities during gynecological procedures	C.K6.
C_K35	Discusses the stages of physical preparation for vaginal procedures and post-operative management	C.K6.
C_K36	Characterizes the technique of examining mammary glands and armpits	C.K3.
C_K37	Describes the principles of swab collection for testing, including: cyto-oncology, pH and KOH, and will present a cytological smear assessment according to the Betesda and Papanicolau systems.	C.K6., C.K8.
C_K38	She discusses the principles of documenting the health of the recipient of medical services	C.K2., C.K8.
C_K39	She discusses the principles of keeping medical records	C.K2., C.K8.
A student who has completed the subject can:		
C_S01	Uses appropriate terminology in the field of obstetric care, neonatology and gynecology	C.S1.
C_S02	Interprets the basic concepts of midwife's professional practice	C.S1.
C_S03	Applies rules to prevent hospital infections at work	C.S23.
C_S04	She applies the principles of asptetics and antiseptics in practice	C.S23.
C_S05	Applied post-exposure procedures	C.S23.
C_S06	Is able to choose the way of providing care depending on the state of health of the charges	C.S2.
C_S07	Plans to provide care using the nursing process method in relation to the midwife's recipients	C.S2.
C_S08	She prepares sets for tests and diagnostic, care and therapeutic procedures used in obstetrics, neonatology and gynecology	C.S4.
C_S09	Prepares the recipient of his services, himself and the workplace to carry out tests and treatments	C.S4.
C_S10	Participates in diagnostic and therapeutic procedures used in obstetrics, neonatology and gynecology	C.S4.
C_S11	Is able to perform and document basic hygiene, care, diagnostic and therapeutic procedures, including: - carries out care treatments for various groups of charges, - assesses the state of consciousness and consciousness, - gives drugs in various ways, - uses emergency oxygen therapy, - takes swabs from the postoperative wound, ear, nose, throat, anus, around the urethra and around the eye of the newborn, - collects venous and capillary blood, - measures blood glucose levels, - intramuscular, subcutaneous, intradermal and intravenous injections,	C.S3-10. C.S12-17. C.S9-20. C.S22.

	<ul style="list-style-type: none"> - performs gastric lavage, - performs simple diagnostic strip tests, - anti-inflammatory treatments, - measures body temperature, pulse, blood pressure, pulse oximetry, weight and height, - performs procedures facilitating gas and stool excretion, - perform catheterization and rinsing of the bladder - performs vaginal rinsing, - collects vaginal swabs, - under simulated conditions, insertion into a peripheral vein, - under simulated conditions, intramuscular and subcutaneous injections in a newborn baby, - in simulated conditions, umbilical vein catheterization, - performs simple diagnostic strip tests, - performs screening tests in newborns 	
C_S12	Takes material for diagnostic tests, protects, marks the material taken - laboratory tests,	C.U8.
C_S13	bacteriological, biochemical, cytological	C.U8.
C_S14	Is able to make a preliminary interpretation of the results of laboratory, bacteriological, biochemical and cytological tests	C.U6.
C_S15	Can assess the health and obstetric situation of a pregnant woman based on the results of the subjective and physical examination	C.U18.
C_S16	Presents natural feeding techniques depending on the condition of the obstetrician	C.U18.
C_S17	Educates the obstetrician on methods and techniques of feeding a newborn baby depending on his condition	C.U4. C.U11. C.U18.
C_S18	She participates in preventive and diagnostic activities in the puerperium above the obstetrician with low mood	C.U6.
C_S19	Is able to perform basic tasks in relation to a mature and immature newborn baby immediately after delivery	C.U4.
C_S20	She participates in diagnostic tests in the newborn	C.U4.
C_S21	Prepares the patient physically for emergency and planned operations in obstetrics and gynecology	C.U.11
C_S22	She can teach a woman how to self-examine breasts and armpits	C.U4.
C_S23	Educates the patient about exercises in the prevention of urinary incontinence	C.U19.
C_S24	Provides care for midwife services based on the nursing process	C.U.2
C_S25	She fills out and systematizes her work records and on this basis uses the collected data to evaluate the effects and modify his own activities	C.U.2
C_S26	Documents the state of the pregnant, delivery, obstetric, newborn and gynecologically ill and threatened female patients, as well as nursing and therapeutic actions taken	C.U.3
C_S27	Has the ability to perform basic improvement procedures in obstetrics, gynaecology and neonatology	C.U.21
A student who has completed the subject is ready to:		
C_C01	Guiding the patient's well-being, respecting the dignity and autonomy of people entrusted to care, showing understanding of	Point 1.3 of general learning outcomes

	ideological and cultural differences and empathy in relations with the patient and her family.	
C_C02	Compliance with patient rights.	Point 1.3 of general learning outcomes
C_C03	Independent and reliable performance of the profession in accordance with the principles of ethics, including compliance with moral values and obligations in patient care.	Point 1.3 of general learning outcomes
C_C04	Taking responsibility for performed professional activities.	Point 1.3 of general learning outcomes
C_C05	Consulting experts in the event of difficulties in solving the problem yourself.	Point 1.3 of general learning outcomes
C_C06	Taking responsibility for providing health services	Point 1.3 of general learning outcomes
C_C07	Recognizing and recognizing one's own limitations in knowledge, skills and social competences as well as making self-assessments of educational deficits and needs.	Point 1.3 of general learning outcomes
20. Forms and topics of classes		Number of hours
20.1. Lectures:		
E-learning lectures / contact lectures		30/30
Historical conditions and development directions of the midwife's profession. History and development directions of health care for women and children in Poland and in the world.		3
Contemporary problems of perinatal care. Three-level perinatal care organization.		3
The midwife's social and professional role.		3
Models of organizing obstetric care and midwife's work.		3
Quality in obstetric care.		3
Standards and procedures for the quality of midwife's work.		3
Methods, methods, principles, techniques and procedures used in caring for a pregnant woman.		3/3
Methods, methods, principles, techniques and procedures used in childbirth care.		
Methods, methods, principles, techniques and procedures used in the care of the obstetrician and her child.		3
Methods, methods, principles, techniques and procedures used in caring for a gynecologically ill woman.		3
Midwife's participation and responsibility in the process of diagnosis, treatment and rehabilitation.		3
Midwife's role in interdisciplinary team.		3
Nursing models in obstetric care		3
The nursing process as a midwife's method of work		3/3

Formulating obstetric and nursing diagnosis.		3
Stages of the nursing process		3/3
Types of medical records kept by a midwife		3
The use of interpersonal communication skills		3
20.2. Seminars		120
Asepsis, antisepsis, infection prevention 1. Hand washing with water and cleaning agent / hand disinfection: a) sanitary b) surgical; 2. Prepare / organize the workplace; 3. Establishment of underwear operational / material handling equipment and sterile; 4. Preparing disinfectant solutions; 5. Preparation of material / equipment for disinfection / sterilization.		10
Desmurgy and physiotherapy: 1. Basic techniques of bandaging; 2. The application of heat and cold.		3
Performing tasks of nursing - hygiene: 1. Changing the bed linen / personal; turndown service is empty / the patient 2. Toilet body / help the toilet; 3. Preventing complications in a patient lying / immobilized / after surgery; 4. Prevention of anti-decubitus / treatment of bedsores; 5. Starting a patient after surgery.		7
Participation midwife in to therapeutic – treatment process: 1. Preparation of the gastrointestinal tract to the surgery and return to oral feeding after surgery; base dietary treatment; 2. Establishment of a gastric probe / tube feeding; 3. Hygienic / Sterile washing perineum; 4. Rinse the vagina; 5. Establishment of a dry tube into the rectum; 6. Implementation of rectal infusion		10
To observe the general condition and / or obstetric (gynaecological) 1. Measurement parameters general condition; 2. Assessment of general / maternity; 3. General principles of medical records; 4. Conducting of basic gynaecological - obstetric (card feverish, individual card orders, card cultivate card pregnancy); 5. Conducting a detailed observation cards (eg. The card glycemic control fetal heart rate, RR control, fluid balance).		5
Medical simulation NW	Aseptic procedures: 1. Establishment / removal of Foley catheter; 2. Toilet wound / dressing change; 3. Care puncture site; 4. General principles to assist aseptic procedures.	10

Midwife's participation in pharmacotherapy: <ol style="list-style-type: none"> 1. General principles of using medicines; 2. General and local medicines; 3. Drugs used in obstetrics and gynaecology; 4. Forms and doses of drugs - dose calculation; 5. Use of oral medications; 6. Local use of medicines and therapeutic agents; 7. Vaginal / rectal use of drugs; 8. Specificity of drug use in newborns and children (Crede's procedure); 9. Rules for the use of emergency oxygen therapy. 		5
Intravenous injections and infusions: <ol style="list-style-type: none"> 1. Blood collection for diagnostic tests; 2. Preparation of the drug for intravenous supply; 		10 I sem.
Medical simulation NW	<ol style="list-style-type: none"> 3. Insertion / removal of the intravenous cannula 4. Connection of intravenous drip infusion 	5 II sem.
5. Rules for the use of blood and blood products.		5 II sem.
Injection drug administration: <ol style="list-style-type: none"> 1. General principles of the use of injectable drugs and types of injections; 2. Performing allergic tests; 		10
Medical simulation NW	<ol style="list-style-type: none"> 3. Supply of the drug by injection s.c .; 4. Use of insulin therapy and anticoagulants; 5. Injection technique i.m. 	10
Midwife care after pregnant woman: <ol style="list-style-type: none"> 1. Pelvic external measurements; 2. Methods of measuring fetal heart rate (Pinard handset, UDT); 3. Care for a pregnant woman in invasive tests (including amniocentesis, cordocentesis). 		10
Midwife's participation in the diagnostic process in gynecology and obstetrics: <ol style="list-style-type: none"> 1. Collection of material for the H-P test; 2. Collection of material for cytological / bacteriological examination; 3. Collection of other material for testing; 4. The role of a midwife in preparation for surgery and patient care after diagnostic - therapeutic / surgical procedures (HSG, Douglas sinus puncture); 5. The role of a midwife in preventing cancer in women. 		10
Nursing a newborn baby in hospital: <ol style="list-style-type: none"> 1. Technique for changing the diaper / disposable diaper; 2. Performing a newborn bath and skin care; 3. Assessment of transient states; 		10

20.3. Practical:	160
Midwife's tasks in the field of asepsis and antisepsis. Midwife's competences during nursing and hygienic activities.	15
Midwife's competence during the care of pressure sores and burns. Tasks and competences of the midwife during hygienic washing of the perineum.	15
Midwife's tasks during nutrition and excretion treatments.	15
Tasks and competences of the midwife in observing the general and obstetric status. Midwife's tasks during pharmacotherapy.	15
Midwife's tasks and competences during blood sampling.	20
Midwife's competence in giving injections.	15
Midwife's competence in performing aseptic procedures. Midwife's competence during care of peripheral puncture / postoperative wound / suture removal.	10
The specificity of the use of cytostatic drugs - midwife's task. Rules for blood treatment.	10/5
Midwife's competence in the care of a pregnant woman.	10
Methods of measuring fetal heart rate.	10
Midwife's tasks and competences in gynecological diagnostics.	10
Midwife's competences in the field of obstetric and neonatal care.	10
20.4. Self-study	40
20.5. Professional practice	80
21. Readings	
<ol style="list-style-type: none"> 1. Bałanda A.: Opieka nad noworodkiem. PZWL, Warszawa 2009 2. Bień A. M.: Opieka nad kobietą ciężarną. PZWL, Warszawa 2009 3. Ciechaniewicz W.(red.): Pielęgniarstwo – ćwiczenia. PZWL, Warszawa 2014 (tom 1-2) 4. Ciechaniewicz W.: Wstrzyknięcia. PZWL, Warszawa 2014 5. Chrzęszczewska Z.: Bandażowanie, PZWL, Warszawa 2014 6. Czajkowska M., Gałązka I., Gogola C. (red): Wybrane procedury zabiegów pielęgniarstwa w zawodzie położnej. Podręcznik dla studentów kierunków medycznych. Wydawnictwo SUM, Katowice 2016 7. Karczewski J.K.(red.): Higiena. Czelej, Lublin 2002 8. Kawczyńska – Butrym Z.: Rodzina – zdrowie – choroba. Koncepcje i praktyka pielęgniarstwa rodzinnego. Czelej, Lublin 2001 9. H. Kulik, J. Eszyk...; Algorytmy czynności i zabiegów pielęgniarstwa, Wydawnictwo SUM, Katowice 2014 10.Kózka M. Stany zagrożenia życia. Wybrane standardy opieki i procedury postępowania pielęgniarstwa. Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków 2001 11.Kózka M., Płaszewska - Żywko L. Procedury pielęgniarstwa. Wydawnictwo Lekarskie PZWL, Warszawa 2013 12.Kózka M., Płaszewska - Żywko L. Diagnozy i interwencje pielęgniarstwa. Wydawnictwo Lekarskie PZWL. Warszawa 2015 13.Kwiatkowska A., Krajeńska – Kułak E., Panka W. (red.): Komunikowanie interpersonalne w pielęgniarstwie. PZWL, Katowice 2018 14.Łepecka – Klusek C.: Pielęgniarstwo we współczesnym położnictwie i ginekologii. PZWL, Warszawa 2016. 15.Muscari M.E. (red. nauk.Bernat K.) : Pediatria i pielęgniarstwo pediatryczne. Czelej, Lublin 2005 16.Rakowska – Różewicz D.: Wybrane standardy i procedury w pielęgniarstwie pediatrycznym. Czelej, Lublin 2001 	

17. Ślusarska B., Zarzycka D., Zahradniczek K. Podstawy pielęgniarstwa. Tom II. Wybrane działania pielęgniarские. Wydawnictwo Czelej, Lublin, 2013.
18. Ślusarska B., Zarzycka D., Zahradniczek K. Podstawy Pielęgniarstwa. Tom I. Założenia teoretyczne. Wydawnictwo Czelej. Lublin 2013
19. Świetliński J., Musiałik-Świetlińska E., Kosmala K., Pietras K., Wilk-Tyl J. Neonatologia i opieka nad noworodkiem. Tom 1. PZWL. Warszawa 2020
20. Rozporządzenie Ministra Zdrowia z dnia 28 lutego 2017 r. w sprawie rodzaju i zakresu świadczeń zapobiegawczych, diagnostycznych, leczniczych i rehabilitacyjnych udzielanych przez pielęgniarkę albo położną samodzielnie bez zlecenia lekarskiego.
21. Rozporządzenie Ministra Zdrowia z dnia 6 kwietnia 2020 r. w sprawie rodzajów, zakresu i wzorów dokumentacji medycznej oraz sposobu jej przetwarzania
22. Rozporządzenie Ministra Zdrowia z dnia 9 listopada 2015 r. w sprawie standardów postępowania medycznego przy udzielaniu świadczeń zdrowotnych w dziedzinie położnictwa i ginekologii z zakresu okołoporodowej opieki położniczo-ginekologicznej, sprawowanej nad kobietą w okresie ciąży, porodu, połogu, w przypadkach występowania określonych powikłań oraz opieki nad kobietą w sytuacji niepowodzeń położniczych
23. Rozporządzenie Ministra Zdrowia z dnia 16 października 2017 r. w sprawie leczenia krwią i jej składnikami w podmiotach leczniczych wykonujących działalność leczniczą w rodzaju stacjonarne i całodobowe świadczenia zdrowotne
24. Rozporządzenie Ministra Zdrowia z dnia 16 sierpnia 2018 r. w sprawie standardu organizacyjnego opieki okołoporodowej Dz.U. 2018 poz. 1756

Additional:

1. Baumert M. (red.): Ćwiczenia z neonatologii. Skrypt dla studentów. ŚAM, Katowice 2004.
2. Cekański A: Wybrane zagadnienia z położnictwa i ginekologii dla położnych. Podręcznik dla położnych. Wydawnictwo ŚAM, Katowice 1999.
3. Cekański A. (red.): Wykłady z położnictwa. Alfa Medica Press, Bielsko – Biała 2011.
4. Chapman V., Charles C.: Prowadzenie porodu. PZWL, Warszawa 2010.
5. Dmoch – Gajzlerska E.: Położnictwo i ginekologia: dla studentów położnictwa i pielęgniarstwa, cz. 5 i 6. WUM, Warszawa 2008.
6. Dudenhausen J.W., Pschyrembel W.: Położnictwo praktyczne i operacje położnicze. PZWL, Warszawa 2010.
7. Opala T: Ginekologia. Podręcznik dla położnych, pielęgniarek i fizjoterapeutów. PZWL, Warszawa 2003.
8. Naworska B, Kotlarz B: Poród. Przebieg, zasady prowadzenia, kompetencje położnicze. Podręcznik dla studentów kierunków medycznych. SUM, Katowice 2015

22. Detail evaluation criteria

In accordance with the recommendations of the inspection bodies
 Completion of the course – student has achieved the assumed learning outcomes
 Detail criteria for completion and evaluation of the course are specified in the course regulations