BASIC EMBRIOLOGY AND IVF											
1	Course Title:	BASIC EMBRIOLOGY AND IVF									
2	Course Code:	TIP3255									
3	Type of Course:	Optional	1								
4	Level of Course:	First Cyc	le								
5	Year of Study:	3									
6	Semester:	5									
7	ECTS Credits Allocated:	3.00									
8	Theoretical (hour/week):	2.00	2.00								
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	face								
14	Course Coordinator:	Doç.Dr.	BERRİN AVCI								
15	Course Lecturers:	Prof.Dr.Ö	Özhan Eyigör								
16	Contact information of the Course Coordinator:	berrin@uludag.edu.tr 224/2954071 224/2952528 B.U.Ü.T.F. Histoloji ve Embriyoloji Anabilim Dalı B.U.Ü.T.F. Kadın Hastalıkları ve Doğum AD Üremeye Yardımcı Tedavi Merkezi									
17	Website:										
18	Objective of the Course:	To teach the basics of early intrauterine development and Assisted Reproductive Techniques									
19	Contribution of the Course to Professional Development:	Having an idea about the working principles and practices of ÜYT centers in undergraduate education will contribute to their career determination more consciously.									
20	Learning Outcomes:										
		1	Learn the process of development and maturation of male and female germ cells.								
		2	To learn moleculer mechanism of fertilization and its stages								
		3	To informed about early period of embryo development and implantation								
		4	To learn the process of the embryo development between three and eight weeks								
		5	To have an idea about the developmental stages of the fetal period								
		6	To be informed about the process of placenta's development and str								
		7	To have knowledge about the types and developmental process of multiple pregnancies								
		8	To have an idea about rhe causes of infertility and assisted reproductive treatment practices								
		9	To have knowledge about the duties and responsibilities of nurses in assisted reproductive treatment centers								
		10									
21	Course Content:		•								
	Course Content:										

Week	The	eoretical									Practice									
1	Oog	genesis and spermatogenesis																		
2	Fert	rtilization and implantation																		
3	The	seco	ond we	ek of	devel	opmen	nt													
4	The	third	week	of de	velop	ment														
5	Emb	oryon	er per	iod																
6	Feta	al per	iod																	
7	Plac	centa	and fe	etal ci	rculati	ion														
8	Feta	al me	mbrar	nes																
9	Mult	tipl pr	egnar	ncies					Τ											
10	Infe	rtility																		
11	Assi	isted	Repro	oductiv	ve Teo	chnique	es (AF	RT)												
12	ART	nurs	sing																	
13	And	rolog	y labo	oratory	/ appli	cations	\$													
14	Emb	oryolo	ogy lał	oorato	ry ap	olicatio	ns													
22	Text Mate	extbooks, References and/or Other Aterials:								A Şeftalioğlu: Genel&Özel İnsan Embriyolojisi, Üçüncü Baskı, Tıp&Teknik Yayıncılık Ltd. Şti., Ankara, 1998. G.C. Schoenwolf, S.B. Bleyl, P.R. Brauer, P.H. Francis- West: Larsen's Human Embryology. 4th Ed. Elsevier, Philadelphia, 2009. K.L Moore., T.V.N. Persaud: The Developing Human:										
Activit	Activites								Numb	er		Dura	ition (hour)	Total Work Load (hour)					
Theore	tical								Sh	oham.	Inform	na 2012	2012. 2.00			28.00				
Practica	Practicals/Labs								(0						0.00				
Fekin ty	E AR	NANG	Act i	Viqnes	;		N	UMBE	W	WÉIGHT						28.00				
Homew	vorks	;							. (0						0.00				
Project	n exa S	am					1		40	40.00						0.00				
Field St	tudie	S							(0						0.00				
Midtern	work- n exa	-proje ams	ect				0		-00	μ			1.00			1.00				
Others										2)		28.00				
Final E	Exams 2									100.00						1.00				
Total W	tal Work Load															86.00				
Total w	Fotal work load/ 30 hr								60							2.87				
ECTS (ECTS Credit of the Course															3.00				
Total			. –		_				10	0.00										
Measur Course	reme e	nt an	id Eva	luation	n Tec			d in th	elle	st exa	m (mid	term ar	nd final (exam)						
		13/	WUI					.												
25				CON	TRIE	BUTIO	N OI	F LE/ G	ARN QUA	LIFIC		OME: NS	S TO I	PROC	GRAM	ME				
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1		5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0			
ÖK2		5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0			

ÖK3	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK4	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK5	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK6	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK7	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK8	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
ÖK9	5	1	1	2	3	2	4	3	1	4	2	4	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	o 1 very low			2 low			3 Medium			4 High			5 Very High			