

VOCATIONAL SCHOOL OF HEALTH SERVICES NUCLEAR TECHNOLOGY AND RADIATION SAFETY PROGRAM 2020-2021

FIRST CLASS – SEMESTER I

FIRST CLASS - SEMESTER II

Fall

SPRING SEMESTER

DE OF THE LESS	NAME OF THE CLASS	Theory	Application	Credit	Ects
GKM101	General Chemistry	2	0	2	3
MAT101	Basic Mathematics (Selective)	2	0	2	3
NTR103	Radiation Physics I	3	0	3	4
NTR109	Basic Biomechanics	3	0	3	3
NTR107	Basic Information Technologies (Selective)	0	2	1	2
FIRST101	First Aid (Selective)	2	0	2	3
RKUL101	University Culture I (Select)	0	2	1	1
INGU101	English I	3	0	3	3
TURK101	Turkish Language I	2	0	2	3
ATA101	Ataturk Principles and History of Revolution I	2	0	2	3
Total		19	4	21	28

CODE OF THE LESS	NAME OF THE CLASS	Theory	Application	Credit	Ects
NTR110	Mathematics in Nuclear Technology (Selective)	2	0	2	2
NTR104	Radiation Physics II	2	0	2	2
NTR106	Basic Electricity (Selective)	3	0	3	3
RPSI209	Positive Psychology and Communication Skills (Uni Selective)	2	0	2	3
NTR108	Biological Effects of Radiation	2	0	2	2
RKUL102	University Culture II (Uni Selective)	0	2	1	1
INGU102	English II	3	0	3	3
TURK102	Turkish Language II	2	0	2	3
ATA102	Ataturk Principles and History of Revolution II	2	0	2	3
NTR9999	Summer Internship	0	20 Business G.	0	9
Total		18	2	19	31

*Will be given in the form of distance education.

SECOND CLASS - SEMESTER III

SECOND CLASS - SEMESTER IV

Fall

SPRING SEMESTER

DE OF THE LESS	NAME OF THE CLASS	Theory	Application	Credit	Ects
NTR201	Radiation Measurement Methods	2	0	2	3
NTR203	Radiation Resources and Application	2	0	2	3
NTR205	Basic Electronics	2	0	2	2
NTR207	Nuclear Energy Technologies	2	0	2	2
MET101	Professional Ethics (Selective)	2	0	2	2
NTR209	Radiation Safety Applications I	2	8	6	12
NTR211	Radiation Shielding Principles	2	0	2	3
NTR213	Accelerator Physics	2	0	2	3
Total		16	8	20	30

CODE OF THE LESS	NAME OF THE CLASS	Theory	Application	Credit	Ects
NTR202	Radiological Emergency Planning Principles	3	0	3	4
NTR204	Radiation Safety Applications II	2	8	6	12
NTR206	Health Physics (Selective)	2	0	2	4
NTR208	National and International Nuclear Legislation (Selective)	2	0	2	4
NTR210	Industrial Control and Motors	2	0	2	2
NTR212	Radioactive Materials and Waste Management (Selective)	2	0	2	3
NTR214	Reactor Theory And Operation	2	0	2	2
Total		15	8	19	31

SELECTIVE: Department Elective Courses	
Uni SELECTIVE: University Elective Courses	

NECESSARY FOR GRADUATION	
THEORETICAL	68
APPLICATION	22
LOCAL CREDIT	79
ECTS	120
TOTAL SELECTION COURSE ECTS (UNIVERSITY+PART+VS)	31
(25% OF TOTAL ECTS QUANTITY)	30