

| CODUL SI DENUMIREA DISCIPLINEI | Anul : 1 | | | | | | | | | Forma de verificare E C V | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | |
|--|---------------|---|---|---|----|---------------|---|---|---|------------------------------|-------------------|--------|--------|---------|---------------------------|------|------------|-----|----|
| | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | Total | C | Apl | St. ind | 1 | 2 | Cat | tip | |
| | C | S | L | P | PR | C | S | L | P | | | | | | | | | | PR |
| 1.00 Analiza matematica | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | DOB | |
| 2.00 Algebra liniara | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | DOB | |
| 3.00 Elemente de fizica | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | DF | DOB | |
| 4.00 Programarea calculatoarelor - Limbaje | 2 | 0 | 2 | 0 | 0 | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | DF | DOB | |
| 5.00 Componente si circuite electronice pasive | 2 | 0 | 2 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | DID | DOB | |
| 6.00 Informatica aplicata | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 104 | 28 | 14 | 62 | 4.0 | DF | DOB | |
| 7.10 Limba engleza 1 | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 7.20 Limba franceza 1 | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 7.30 Limba germana 1 | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 8.00 Sport 1 | 0 | 0 | 2 | 0 | 0 | | | | | | A/R | 28 | 0 | 28 | 0 | 1.0 | DC | DOB | |
| 9.00 Matematici speciale | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | DOB | |
| 10.00 Ecuatii diferentiale | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | DOB | |
| 11.00 Fizica superioara | | | | | | 2 | 1 | 0 | 0 | 0 | Nota | 104 | 28 | 14 | 62 | 4.0 | DF | DOB | |
| 12.00 Programarea calculatoarelor - Algoritmi | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | DOB | |
| 13.00 Dispozitive electronice | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 104 | 28 | 28 | 48 | 4.0 | DID | DOB | |
| 14.00 Teoria circuitelor electrice | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 104 | 28 | 28 | 48 | 4.0 | DID | DOB | |
| 15.10 Limba engleza 2 | | | | | | 1 | 2 | 0 | 0 | 0 | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 15.20 Limba franceza 2 | | | | | | 1 | 2 | 0 | 0 | 0 | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 15.30 Limba germana 2 | | | | | | 1 | 2 | 0 | 0 | 0 | Nota | 50 | 14 | 28 | 8 | 2.0 | DC | DOP | |
| 16.00 Sport 2 | | | | | | 0 | 0 | 2 | 0 | 0 | A/R | 28 | 0 | 28 | 0 | 1.0 | DC | DOB | |
| TOTAL AN | 13 | 8 | 7 | 0 | 0 | 13 | 9 | 6 | 0 | 0 | sem1 sem2 | 5 5 | 0 0 | 3 3 | 1560 364 420 776 | 30.0 | 30.0 | | |

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|------|-----|----|----|----|-----|----|-----|
| 201.00 Psihologia educatiei | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | FAC |
| 202.00 Pedagogie (Fundamentele pedagogiei, Teoria si | | | | | | 2 | 0 | 0 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | DF | FAC |

RECTORAT
 Rector,
 Prof. Dr. Ing. Vasile Topa

Decan,
 Prof. dr. ing. Gabriel Oțean

Director departament,
 Prof. dr. Ing. Virgil Mișcea Dobrota

EXEMPLAR UNIC
 Originalul se află la PROCTORATUL DIDACTIC
 27.05.2016
 Semnătura: VARO

UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE ELECTRONICA, TELECOMUNICATII SI TEHNOLOGIA

DOMENIU INGINERIE ELECTRONICA SI TELECOMUNICATII

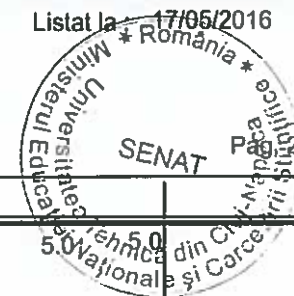
SPECIALIZARE TEHNOLOGII SI SISTEME DE TELECOMUNICATII

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2016-2017

Listat la 17/05/2016



| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|------|---|---|---|---|------|---|---|------|---|---|---|-----|----|----|-----|--|
| metodologia curriculumului) | | | | | | | | | | | | | | | | | | | |
| TOTAL AN | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | sem1 | 1 | 0 | 0 | 260 | 56 | 56 | 148 | |
| | | | 4.00 | | | | | 4.00 | | | sem2 | 1 | 0 | 0 | | | | | |



Rector,
Prof. Dr. Ing. Vasile Topa



Decan,
Prof. dr. ing. Gabriel Oltean

Director departament,
Prof. dr. Ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se afla la PROCTORATUL DIDACTIC

Data: 27.05.2016

Semnatura: VAR.O

| CODUL SI DENUMIREA DISCIPLINEI | Anul : II | | | | | | | | | | Forma de verificare E C V | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | |
|--|---------------|---|---|---|----|---------------|---|---|---|----|------------------------------|-------------------|-----|-----|---------|-------------|---|------------|-----|
| | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | | Total | C | Apl | St. Ind | 1 | 2 | cat | tip |
| | C | S | L | P | PR | C | S | L | P | PR | | | | | | | | | |
| 17.00 Grafica asistata de calculator | 2 | 0 | 2 | 0 | 0 | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DF | DOB |
| 18.00 Bazele electrotehnicii | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DID | DOB |
| 19.00 Teoria semnalelor | 2 | 1 | 1 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 20.00 Materiale pentru electronica | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 104 | 28 | 14 | 62 | 4.0 | | DID | DOB |
| 21.00 Circuite integrate digitale | 2 | 1 | 1 | 0 | 0 | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DID | DOB |
| 22.00 Circuite electronice fundamentale | 2 | 0 | 2 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 23.00 Metode numerice | 2 | 1 | 0 | 0 | 0 | | | | | | Nota | 104 | 28 | 14 | 62 | 4.0 | | DF | DOB |
| 24.00 Masurari in electronica si telecomunicatii | | | | | | 2 | 1 | 1 | 0 | 0 | Nota | 104 | 28 | 28 | 48 | 4.0 | | DID | DOB |
| 25.00 Microunde | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 26.00 Analiza si sinteza circuitelor | | | | | | 2 | 1 | 1 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 27.00 Circuite integrate analogice | | | | | | 2 | 1 | 1 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 28.00 Sisteme cu circuite integrate digitale | | | | | | 2 | 0 | 1 | 1 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 29.00 Proiectarea asistata de calculator | | | | | | 2 | 0 | 2 | 0 | 0 | Nota | 104 | 28 | 28 | 48 | 4.0 | | DID | DOB |
| 30.00 Comunicare interpersonală si de grup | | | | | | 1 | 0 | 0 | 0 | 0 | Nota | 26 | 14 | 0 | 12 | 1.0 | | DC | DOB |
| 31.10 Limba engleza | | | | | | 1 | 0 | 0 | 0 | 0 | Nota | 26 | 14 | 0 | 12 | 1.0 | | DC | DOP |
| 31.20 Limba franceza | | | | | | 1 | 0 | 0 | 0 | 0 | Nota | 26 | 14 | 0 | 12 | 1.0 | | DC | DOP |
| 31.30 Limba germana | | | | | | 1 | 0 | 0 | 0 | 0 | Nota | 26 | 14 | 0 | 12 | 1.0 | | DC | DOP |
| TOTAL AN | 14 | 5 | 7 | 0 | 0 | 14 | 3 | 8 | 1 | 0 | sem1 sem2 | 1560 392 | 336 | 832 | 30.0 | 30.0 | | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|------|-----|----|----|----|-----|--|----|-----|
| 100.00 Scrierea si expresia academica | 2 | 0 | 0 | 0 | 0 | | | | | | Nota | 52 | 28 | 0 | 24 | 2.0 | | DC | FAC |
| 203.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluării) | 2 | 2 | 0 | 0 | 0 | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DF | FAC |
| 204.00 Didactica specialitatii tehnice | | | | | | 2 | 2 | 0 | 0 | 0 | Nota | 130 | 28 | 28 | 74 | 5.0 | | DF | FAC |

RECTORAT
2
Rector,
Prof. Dr. Ing. Vasile Topa

Decan,
Prof. dr. ing. Gabriel Oltean

DECAN
Facultatea de Inginerie Electronică și Tehnologii de Informații și Comunicații
UNIVERSITATEA TEHNICA CLUJ-NAPOCA

Director departament,
Prof. dr. ing. Virgil Mircea Dobrota

EXEMPLAR UNIC
 Originalul se află la PRORECTORATUL DIDACTIC
 Data: 27.05.2016
 Semnătura: YAR O

UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE ELECTRONICA, TELECOMUNICATII SI TEHNOLOGIA

DOMENIU INGINERIE ELECTRONICA SI TELECOMUNICATII

SPECIALIZARE TEHNOLOGII SI SISTEME DE TELECOMUNICATII

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2016-2017



| | | | | | | | | | | | | | | | | | | | |
|----------|---|---|------|---|---|---|---|------|---|---|------|---|---|---|-----|----|----|-----|-----|
| TOTAL AN | 4 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | sem1 | 1 | 1 | 0 | 312 | 84 | 56 | 172 | 7.0 |
| | | | 6.00 | | | | | 4.00 | | | sem2 | 1 | 0 | 0 | | | | | |

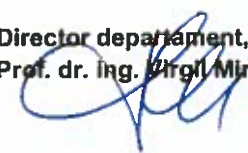


Rector,
Prof. Dr. Ing. Vasile Topa

Decan,
Prof. dr. ing. Gabriel Orlăan



Director departament,
Prof. dr. ing. Virgil Mircea Dobrota



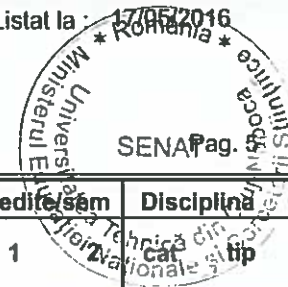
EXEMPLAR UNIC

Originalul se află la PRORECTORATUL DIDACT

Data: 27.05.2016

Semnătura: _____

VAR.0



| CODUL SI DENUMIREA DISCIPLINEI | Anul : III | | | | | | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | |
|--|---------------|---|----|-------|----|---------------|---|----|-------|----|---------------------|---|---|-------------------|------|-----|---------|-------------|------|------------|-----|-----|
| | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | E | C | V | Total | C | Apl | St. ind | 1 | | cat | tip | |
| | C | S | L | P | PR | C | S | L | P | PR | | | | | | | | | | | | |
| 32.00 Sisteme cu circuite integrate analogice | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 33.00 Microprocesoare | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 34.00 Optoelectronica | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 35.00 Teoria informatiei si codarii | 2 | 1 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DID | DOB |
| 36.00 Tehnici de modulatii | 2 | 1 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DS | DOB |
| 37.00 Ingineria programarii | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 38.00 Telefonie | | | | | | 2 | 0 | 2 | 0 | 0 | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DS | DOB |
| 39.00 Sisteme cu microprocesoare | | | | | | 2 | 0 | 2 | 0 | 0 | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 40.00 Decizie si estimare in prelucrarea informatiei | | | | | | 2 | 0 | 2 | 0 | 0 | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 41.00 Sisteme de comutatie si rutare | | | | | | 2 | 0 | 2 | 1 | 0 | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DS | DOB |
| 42.00 Radiocomunicatii | | | | | | 2 | 0 | 2 | 1 | 0 | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DS | DOB |
| 43.00 Rețele de calculatoare | | | | | | 2 | 0 | 2 | 0 | 0 | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DS | DOB |
| TOTAL AN | 12 | 2 | 12 | 0 | 0 | 12 | 0 | 12 | 2 | 0 | sem1 | 5 | 0 | 1 | 1560 | 336 | 392 | 832 | 30.0 | 30.0 | | |
| | | | | 26.00 | | | | | 26.00 | | sem2 | 5 | 0 | 1 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|--|--|--|------|-----|----|----|----|-----|--|-----|-----|
| 101.00 Surse de alimentare | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | FAC |
| 102.00 Senzori si traductoare | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DS | FAC |
| 103.00 Instrumentatie virtuala | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | FAC |
| 104.00 Sisteme cu FPGA | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | FAC |
| 105.00 Dezvoltare personala si profesionala | 2 | 0 | 0 | 0 | 0 | | | | | | | | | Nota | 52 | 28 | 0 | 24 | 2.0 | | DC | FAC |
| 205.00 Instruire asistata de calculator | 1 | 1 | 0 | 0 | 0 | | | | | | | | | Nota | 52 | 14 | 14 | 24 | 2.0 | | DF | FAC |
| 206.00 Practica pedagogica | 0 | 0 | 0 | 0 | 3 | | | | | | | | | Nota | 78 | 0 | 42 | 36 | 3.0 | | DF | FAC |
| 106.00 Electronica de putere | | | | | | 2 | 0 | 2 | 1 | 0 | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DS | FAC |
| 107.00 Tehnologia microsystemelor electronice | | | | | | 2 | 0 | 2 | 0 | 0 | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DS | FAC |
| 108.00 Sisteme de achizitie de date | | | | | | 2 | 0 | 1 | 1 | 0 | | | | Nota | 78 | 28 | 28 | 22 | 3.0 | | DS | FAC |
| 109.00 Microcontrolere | | | | | | | | | 1 | 0 | | | | Nota | 130 | 28 | 42 | 60 | 5.0 | | DID | FAC |

Rector,
Prof. Dr. Ing. Vasile Topa

Decan,
Prof. dr. ing. Gabriel Oltean

Director departament,
Prof. dr. ing. Virgil Mircea Dobrota

Originalul se află la PROCTORATUL DIDACTIC

Data: 27.05.2016

Semnătura:

YARO

UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE ELECTRONICA, TELECOMUNICATII SI TEHNOLOGIA

DOMENIU INGINERIE ELECTRONICA SI TELECOMUNICATII

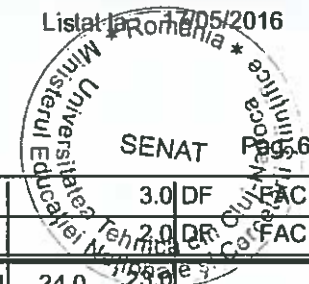
SPECIALIZARE TEHNOLOGII SI SISTEME DE TELECOMUNICATII

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2016-2017

Listat la nr. 1705/2016



| | | | | | | | | | | | | | | | | | | |
|---|----|---|---|---|---|---|------|----|----|----|--------------------------|------|-----|-----|-----|------|------|--|
| 207.00 Managementul clasei de elevi | | 1 | 1 | 0 | 0 | 0 | Nota | 78 | 14 | 14 | 50 | 3.0 | DF | FAC | | | | |
| 208.00 Practica pedagogica II (12 sapt) | | 0 | 0 | 0 | 0 | 3 | Nota | 52 | 0 | 36 | 16 | 2.0 | DR | FAC | | | | |
| TOTAL AN | 11 | 1 | 8 | 0 | 3 | 9 | 1 | 7 | 3 | 3 | sem1 3 3 1 sem2 3 1 2 | 1222 | 280 | 358 | 584 | 24.0 | 23.0 | |



Rector,
Prof. Dr. Ing. Vasile Topa

Decan,
Prof. dr. Ing. Gabriel Oltean



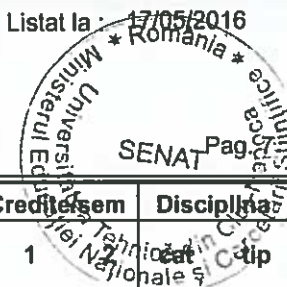
Director departament,
Prof. dr. Ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se află la PROCTORATUL DIDACTIC

Data: 27.05.2016

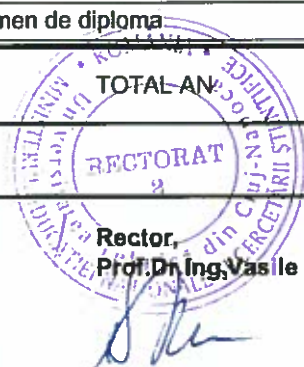
Semnătura: VAR.O



Pag. 1

SENAT

| CODUL SI DENUMIREA DISCIPLINEI | Anul : IV | | | | | | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | |
|---|---------------|---|----|---|----|---------------|---|---|----|----|---------------------|---|---|-------------------|------|-----|---------|-------------|------|------------|-----|-----|
| | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | E | C | V | Total | C | Apl | St. ind | 1 | 2 | Tip | | |
| | C | S | L | P | PR | C | S | L | P | PR | | | | | | | | | | | C | S |
| 44.00 Televiziune | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DID | DOB |
| 45.00 Prelucrarea numerica a semnalelor | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DID | DOB |
| 46.00 Protocoale pentru internet | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 130 | 28 | 28 | 74 | 5.0 | | DS | DOB |
| 47.00 Comunicatii mobile | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOB |
| 48.10 Radiocomunicatii celulare | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 48.20 Electronica aplicata | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 49.10 Transmisii de date | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 49.20 Sisteme optoelectronice in telecomunicatii | 2 | 0 | 2 | 0 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 50.10 Tehnici digitale audio-video | 2 | 0 | 1 | 1 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 50.20 Prelucrare numerica a imaginilor | 2 | 0 | 1 | 1 | 0 | | | | | | | | | Nota | 104 | 28 | 28 | 48 | 4.0 | | DS | DOP |
| 51.00 Managementul proiectelor | | | | | | 2 | 0 | 0 | 0 | 0 | | | | Nota | 78 | 28 | 0 | 50 | 3.0 | | DS | DOB |
| 52.00 Practica (8 sapt) | | | | | | 0 | 0 | 0 | 0 | 25 | | | | A/R | 200 | 0 | 200 | 0 | 8.0 | | DID | DOB |
| 53.10 Tehnologii multimedia | | | | | | 2 | 0 | 1 | 1 | 0 | | | | Nota | 78 | 28 | 28 | 22 | 3.0 | | DS | DOP |
| 53.20 Prelucrarea semnalului vocal | | | | | | 2 | 0 | 1 | 1 | 0 | | | | Nota | 78 | 28 | 28 | 22 | 3.0 | | DS | DOP |
| 54.10 Procesoare media | | | | | | 2 | 0 | 1 | 1 | 0 | | | | Nota | 78 | 28 | 28 | 22 | 3.0 | | DS | DOP |
| 54.20 Procesoare de semnal | | | | | | 2 | 0 | 1 | 1 | 0 | | | | Nota | 78 | 28 | 28 | 22 | 3.0 | | DS | DOP |
| 55.10 Managementul financiar al firmei | | | | | | 2 | 0 | 0 | 0 | 0 | | | | Nota | 78 | 28 | 0 | 50 | 3.0 | | DS | DOP |
| 55.20 Marketing | | | | | | 2 | 0 | 0 | 0 | 0 | | | | Nota | 78 | 28 | 0 | 50 | 3.0 | | DS | DOP |
| 56.00 Activitate de cercetare proiectare | | | | | | 0 | 0 | 0 | 8 | 0 | | | | Nota | 208 | 0 | 112 | 96 | 8.0 | | DS | DOB |
| 57.00 Practica pentru proiectul de diploma (2 sapt) | | | | | | 0 | 0 | 0 | 0 | 30 | | | | Nota | 60 | 0 | 60 | 0 | 2.0 | | DS | DOB |
| 58.00 Examen de diploma | | | | | | 0 | 0 | 0 | 0 | 0 | | | | Nota | 0 | 0 | 0 | 0 | 10.0 | | DS | DOB |
| TOTAL AN: | 14 | 0 | 13 | 1 | 0 | 8 | 0 | 2 | 10 | 55 | sem1 | 5 | 0 | 2 | 1560 | 308 | 624 | 628 | 30.0 | 30.0 | | |
| | | | | | | | | | | | sem2 | 0 | 2 | 5 | | | | | | + 10 | | |



Rector,
Prof. Dr. Ing. Vasile Topa

Decan,
Prof. dr. ing. Gabriel Olteanu



Director departament,
Prof. dr. ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se află la PROCTORATUL DIDAC

Data: 27.05.2016

Semnătura:

VARO

UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE ELECTRONICA, TELECOMUNICATII SI TEHNOLOGIA

DOMENIU INGINERIE ELECTRONICA SI TELECOMUNICATII

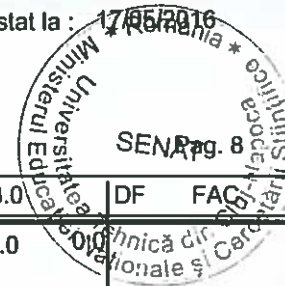
SPECIALIZARE TEHNOLOGII SI SISTEME DE TELECOMUNICATII

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2016-2017

Listat la : 17.05.2016



| | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|------|---|---|---|---|---|---|------|----|----|----|----|-----|----|-----|
| 209.00 Managementul clasei de elevi | 1 | 1 | 0 | 0 | 0 | | | | | Nota | 78 | 14 | 14 | 50 | 3.0 | DF | FAG |
| TOTAL AN | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 14 | 14 | 50 | 3.0 | | |
| | | | 2.00 | | | | | | | sem1 | 1 | 0 | 0 | | | | |
| | | | | | | | | | | sem2 | 0 | 0 | 0 | | | | |



Rector,
Prof. Dr. Ing. Vasile Topa



Decan,
Prof. dr. Ing. Gabriel Oltean

Director departament,
Prof. dr. Ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se află la PRORECTORATUL DIDA

Data: 27.05.2016

Semnătura: [Signature]

UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE ELECTRONICA, TELECOMUNICATII SI TEHNOLOGIA

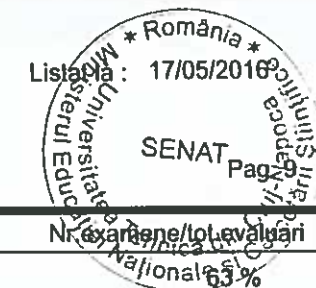
DOMENIU INGINERIE ELECTRONICA SI TELECOMUNICATII

SPECIALIZARE TEHNOLOGII SI SISTEME DE TELECOMUNICATII

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2016-2017



| | C | S | L | P | PR | Credite | Examene | Colocvii si verificari | Total evaluari | Nr. Examinari/tot. evaluari |
|----------|------|-----|-----|-----|-----|---------|---------|------------------------|----------------|-----------------------------|
| Anul I | 364 | 238 | 182 | 0 | 0 | 60 | 10 | 6 | 16 | 63 % |
| Anul II | 392 | 112 | 210 | 14 | 0 | 60 | 10 | 5 | 15 | 67 % |
| Anul III | 336 | 28 | 336 | 28 | 0 | 60 | 10 | 2 | 12 | 83 % |
| Anul IV | 308 | 0 | 210 | 154 | 260 | 60 | 5 | 9 | 14 | 36 % |
| TOTAL | 1400 | 378 | 938 | 196 | 260 | 240 | 35 | 22 | 57 | 61 % |

| | | | | |
|---|------|----------|-------------------------------|--------------|
| NUMAR ORE TOTAL | 3172 | DIN CARE | 260.00 | ORE PRACTICA |
| TOTAL ORE CURS, SEMINAR, LAB., PROIECT | 2912 | | | |
| TOTAL ORE DISCIPLINE FUNDAMENTALE - TIP DF | 574 | 18 % | din tot.activ.didactice oblig | min. 17% |
| NR.DISC.FUNDAMENTALE/NR.TOT.DISCIPLINE | 19 | % | | |
| TOTAL ORE DISCIPLINE IN DOMENIU - TIP DID | 1473 | 47 % | din tot.activ.didactice oblig | min. 38% |
| NR.DISC.IN DOMENIU/NR.TOT.DISCIPLINE | 42 | % | | |
| TOTAL ORE DISCIPLINE DE SPECIALITATE - TIP DS | 937 | 30 % | din tot.activ.didactice oblig | min. 25% |
| NR.DISC.DE SPECIALITATE/NR.TOT.DISCIPLINE | 28 | % | | |
| TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC | 168 | 5 % | din tot.activ.didactice oblig | max 8% |
| NR.DISC.COMPLEMENTARE/NR.TOT.DISCIPLINE | 11 | % | | |
| TOTAL ORE DISCIPLINE OPTIONALE - CAT OP | 406 | 13 % | din tot.activ.didactice oblig | min. 10% |
| TOTAL ORE DISCIPLINE FACULTATIVE - CAT F | 918 | 29 % | din tot.activ.didactice oblig | min. 10% |
| TOTAL ORE CURS | 1400 | | | |
| TOTAL ORE ACTIVITATI APLICATIVE calc. cu 240 ore practica | 1752 | | | |
| RAPORT CURS / ACTIVITATI PRACTICE calc. cu 240 ore practica | 0.80 | 1 +/- | 0.2 | |
| TOTAL ORE DE PREGATIRE INDIVIDUALA | 3068 | | | |



Decan,
Prof. dr. Ing. Gabriel Okean



Director departament,
Prof. dr. Ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se află la PROCTORATUL DIDAC

Data: 27.05.2016

Semnătura: VAO