

**CURRICULUM \*\*****Year of study I**

| Code      | Disciplines*                                         | Type | Sem. I<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|------------------------------------------------------|------|--------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                                      |      | C                        | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                                   |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0003 | Mathematical Analysis                                | FD   | 2                        | 2        | -        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0002 | Linear algebra, analytical and differential geometry | FD   | 2                        | 1        | -        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0013 | Physics                                              | FD   | 2                        | 2        | -        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0769 | Applied informatics                                  | FD   | 2                        | 1        | 2        | -        | 70                          | Vp                          | 4            | 30                      |                   |
| IETI-1156 | Documents processing and internet services           | SD   | 2                        | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-0783 | Computer programming and programming languages I     | FD   | 2                        | -        | 2        | -        | 56                          | Vp                          | 3            | 19                      |                   |
| IETI-0832 | Passive components and circuits                      | SD   | 2                        | 2        | -        | -        | 56                          | Ex                          | 5            | 69                      |                   |
| IETI-0998 | English language I                                   | CD   | -                        | 1        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
|           | <b>TOTAL</b>                                         |      | <b>14</b>                | <b>9</b> | <b>5</b> | <b>-</b> | <b>392</b>                  |                             | <b>30</b>    | <b>358</b>              |                   |
|           | <b>FACULTATIVE</b>                                   |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0024 | Educational psychology                               | CD   | -                        | 1        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
| IETI-0999 | Physical Education and Sport I                       | CD   | -                        | 1        | -        | -        | 14                          | A/R                         | 2            | 36                      |                   |

| Code      | Disciplines*                                      | Type | Sem. II<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|---------------------------------------------------|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                                   |      | C                         | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                                |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0009 | Special mathematics                               | FD   | 2                         | 2        | -        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0932 | Internet programming techniques                   | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-0831 | Material for electronics                          | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-0834 | Electronic devices                                | SD   | 2                         | -        | 2        | -        | 56                          | Ex                          | 5            | 69                      |                   |
| IETI-0835 | Fundamentals of Electrical Engineering I          | SD   | 2                         | 1        | 1        | -        | 56                          | Ex                          | 3            | 19                      |                   |
| IETI-1104 | Computer programming and programming languages II | FD   | 2                         | -        | 2        | -        | 56                          | Vp                          | 4            | 44                      |                   |
| IETI-0350 | Electronic Technology                             | SD   | 2                         | -        | 1        | -        | 42                          | Ex                          | 5            | 83                      |                   |
| IETI-1002 | English language II                               | CD   | -                         | 1        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
|           | <b>TOTAL</b>                                      |      | <b>14</b>                 | <b>4</b> | <b>8</b> | <b>-</b> | <b>364</b>                  |                             | <b>30</b>    | <b>386</b>              |                   |
|           | <b>FACULTATIVE</b>                                |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0020 | Pedagogy I                                        | CD   | 2                         | 1        | -        | -        | 42                          | Vp                          | 2            | 8                       |                   |
| IETI-1241 | Technological practice                            | SD   | -                         | -        | -        | -        | 90                          | Vp                          | 3            | 0                       |                   |
| IETI-1000 | Physical Education and Sport II                   | CD   | -                         | 1        | -        | -        | 14                          | A/R                         | 2            | 36                      |                   |

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GD - General Discipline; FD - Fundamental Discipline; SD - Specialized Discipline; CD - Complementary Discipline; FD - Field Discipline; DP - Practical Activities; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.

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Head of departament ,  
lecturer dr. eng. Adrian Traian BURCA

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**CURRICULUM \*\***  
**Year of study II**

| Code      | Disciplines*                                       | Type | Sem. III<br>[hours / week] |          |           |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|----------------------------------------------------|------|----------------------------|----------|-----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                                    |      | C                          | S        | L         | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                                 |      |                            |          |           |          |                             |                             |              |                         |                   |
| IETI-0836 | Basic electronic circuits                          | DD   | 2                          | -        | 2         | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0110 | Digital integrated circuits I                      | DD   | 2                          | -        | 1         | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-0193 | Computer aided graphics                            | FD   | 2                          | -        | 2         | -        | 56                          | Vp                          | 4            | 44                      |                   |
| IETI-0382 | Signals and Systems I                              | DD   | 2                          | -        | 1         | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-1001 | Computer aided graphics - project                  | FD   | -                          | -        | -         | 2        | 28                          | Vp                          | 2            | 22                      |                   |
| IETI-0838 | Fundamentals of Electrical Engineering II          | DD   | 2                          | -        | 1         | -        | 42                          | Ex                          | 3            | 33                      |                   |
| IETI-0933 | Analog integrated circuits                         | DD   | 2                          | -        | 2         | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0839 | Measurements in Electronics and Telecommunications | DD   | 2                          | -        | 1         | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-1005 | English language III                               | CD   | -                          | 1        | -         | -        | 14                          | Vp                          | 2            | 36                      |                   |
|           | <b>TOTAL</b>                                       |      | <b>14</b>                  | <b>1</b> | <b>10</b> | <b>2</b> | <b>378</b>                  |                             | <b>30</b>    | <b>372</b>              |                   |
|           | <b>FACULTATIVE</b>                                 |      |                            |          |           |          |                             |                             |              |                         |                   |
| IETI-0021 | Pedagogy II                                        | CD   | 2                          | 1        | -         | -        | 42                          | Vp                          | 2            | 8                       |                   |
| IETI-0439 | Scientific research methodology                    | CD   | 2                          | 1        | -         | -        | 42                          | Vp                          | 2            | 8                       |                   |

| Code      | Disciplines*                    | Type | Sem. IV<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|---------------------------------|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                 |      | C                         | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>              |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0837 | Object oriented programming     | DD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-1004 | SPICE models                    | DD   | 2                         | -        | 1        | 1        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0383 | Signals and Systems II          | DD   | 2                         | -        | 1        | 1        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0210 | Numerical methods               | FD   | 2                         | 2        | 1        | -        | 70                          | Vp                          | 4            | 30                      |                   |
| IETI-0111 | Digital integrated circuits II  | DD   | 2                         | -        | 1        | -        | 42                          | Ex                          | 3            | 33                      |                   |
| IETI-1245 | The basics of communication     | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-1158 | Information transmission theory | DD   | 2                         | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-1014 | English language IV             | CD   | -                         | 1        | -        | -        | 14                          | Vp                          | 1            | 11                      |                   |
| IETI-1017 | Domain practice                 | DD   | -                         | -        | -        | -        | 90                          | Cv                          | 4            | 10                      |                   |
|           | <b>TOTAL</b>                    |      | <b>14</b>                 | <b>3</b> | <b>7</b> | <b>2</b> | <b>454</b>                  |                             | <b>30</b>    | <b>296</b>              |                   |
|           | <b>FACULTATIVE</b>              |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0018 | Didactics of the specialization | CD   | 2                         | 1        | -        | -        | 42                          | Vp                          | 2            | 8                       |                   |
| IETI-0563 | Project management              | CD   | 2                         | 1        | -        | -        | 42                          | Vp                          | 2            | 8                       |                   |

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Professor Dr. BUNGĂU ConstantinDEAN,  
Associate Professor dr. GERGELY Eugen Ioan

**CURRICULUM \*\*****Year of study III**

| Code      | Disciplines*                                         | Type | Sem. V<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|------------------------------------------------------|------|--------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                                      |      | C                        | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                                   |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0823 | Industrial Electronics                               | SD   | 2                        | -        | 1        | 1        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0828 | Nano and micro technologies for electronics          | SD   | 2                        | 1        | -        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0848 | Nano and Microtechnologies for electronics - Project | SD   | -                        | -        | -        | 1        | 14                          | Vp                          | 1            | 11                      |                   |
| IETI-1007 | Basics of data acquisition systems                   | DD   | 2                        | -        | 2        | -        | 56                          | Ex                          | 5            | 69                      |                   |
| IETI-0846 | Digital Signal Processing                            | DD   | 2                        | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
|           | <b>TOTAL</b>                                         |      | <b>8</b>                 | <b>1</b> | <b>5</b> | <b>2</b> | <b>224</b>                  |                             | <b>18</b>    | <b>226</b>              |                   |
|           | <b>OPTIONALE</b>                                     |      |                          |          |          |          |                             |                             |              |                         |                   |
|           | PACHET 1                                             |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0826 | Microcontrollers                                     | DD   | 2                        | -        | 2        | -        | 56                          | Ex                          | 5            | 69                      |                   |
| IETI-1008 | Microprocessor architecture                          | DD   | 2                        | -        | 2        | -        | 56                          | Ex                          | 5            | 69                      |                   |
|           | PACHET 2                                             |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0827 | Microcontrollers - project                           | DD   | -                        | -        | -        | 1        | 14                          | Vp                          | 1            | 11                      |                   |
| IETI-1009 | Microprocessor architecture-project                  | DD   | -                        | -        | -        | 1        | 14                          | Vp                          | 1            | 11                      |                   |
|           | PACHET 3                                             |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0487 | Communication                                        | CD   | 1                        | -        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
| IETI-1108 | Academic Ethics and Integrity                        | CD   | 1                        | -        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
|           | PACHET 4                                             |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-0410 | Electrical Drives                                    | SD   | 2                        | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-1167 | Machines and electrical drives                       | SD   | 2                        | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
|           | <b>TOTAL</b>                                         |      | <b>5</b>                 | <b>-</b> | <b>3</b> | <b>1</b> | <b>126</b>                  |                             | <b>12</b>    | <b>174</b>              |                   |
|           | <b>FACULTATIVE</b>                                   |      |                          |          |          |          |                             |                             |              |                         |                   |
| IETI-1015 | English language V                                   | CD   | -                        | 2        | -        | -        | 28                          | Vp                          | 2            | 22                      |                   |
| IETI-0435 | Inventions                                           | CD   | 2                        | -        | -        | -        | 28                          | Vp                          | 2            | 22                      |                   |

| Code      | Disciplines*                    | Type | Sem. VI<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|---------------------------------|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                 |      | C                         | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>              |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0405 | Reliability                     | SD   | 2                         | -        | -        | -        | 28                          | Vp                          | 2            | 22                      |                   |
| IETI-0847 | Television                      | DD   | 2                         | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0375 | Image Processing and Analysis   | SD   | 2                         | -        | 1        | 1        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0306 | Power Electronic Converters     | SD   | 2                         | -        | 1        | -        | 42                          | Ex                          | 3            | 33                      |                   |
| IETI-0825 | Microwaves                      | DD   | 2                         | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-0504 | General Economics               | CD   | 1                         | -        | -        | -        | 14                          | Vp                          | 2            | 36                      |                   |
| IETI-1159 | Communications systems          | DD   | 2                         | -        | 2        | 1        | 70                          | Vp                          | 4            | 30                      |                   |
| IETI-1018 | Specialty practice              | SD   | -                         | -        | -        | -        | 90                          | Cv                          | 4            | 10                      |                   |
|           | <b>TOTAL</b>                    |      | <b>13</b>                 | <b>-</b> | <b>8</b> | <b>2</b> | <b>412</b>                  |                             | <b>27</b>    | <b>263</b>              |                   |
|           | <b>OPTIONALE</b>                |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-0100 | Computer Architecture           | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-0449 | Computer networks               | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
|           | <b>TOTAL</b>                    |      | <b>2</b>                  | <b>-</b> | <b>1</b> | <b>-</b> | <b>42</b>                   |                             | <b>3</b>     | <b>33</b>               |                   |
|           | <b>FACULTATIVE</b>              |      |                           |          |          |          |                             |                             |              |                         |                   |
| IETI-1011 | Alternative energy sources      | SD   | 2                         | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-1016 | English language VI             | CD   | -                         | 2        | -        | -        | 28                          | Vp                          | 2            | 22                      |                   |
| IETI-1202 | Entrepreneurship in Electronics | CD   | 2                         | -        | -        | -        | 28                          | Ex                          | 2            | 22                      |                   |

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DEAN,  
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**UNIVERSITY OF ORADEA**

**FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY**

Licence's Degree Program: **APPLIED ELECTRONICS**

Fundamental Field: **ENGINEERING SCIENCES**

Undergraduate Field: **ELECTRONICAL ENGINEERING, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGIES**

Duration of studies / no. of credits: **4 years/240 credits**

Type of education: **Full-time learning (IF)**

Valid from academic year  
2023-2024

Beginning with 1<sup>st</sup> year of study

**CURRICULUM \*\***  
**Year of study IV**

| Code      | Disciplines*                       | Type | Sem. VII<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|------------------------------------|------|----------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                    |      | C                          | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                 |      |                            |          |          |          |                             |                             |              |                         |                   |
| IETI-0331 | Digital Signal Processors          | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0321 | Medical electronics                | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0448 | Automata System Design             | SD   | 2                          | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |
| IETI-0936 | Optoelectronics                    | DD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 3            | 33                      |                   |
| IETI-1160 | Electronic converters modeling     | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0267 | Virtual instrumentation            | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
|           | <b>TOTAL</b>                       |      | <b>12</b>                  | <b>-</b> | <b>6</b> | <b>-</b> | <b>252</b>                  |                             | <b>22</b>    | <b>298</b>              |                   |
|           | <b>OPTIONALE</b>                   |      |                            |          |          |          |                             |                             |              |                         |                   |
|           | PACHET 1                           |      |                            |          |          |          |                             |                             |              |                         |                   |
| IETI-0851 | Electronic systems in robotics     | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0338 | Mobile Robots                      | SD   | 2                          | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
|           | PACHET 2                           |      |                            |          |          |          |                             |                             |              |                         |                   |
| IETI-0356 | Computer Vision                    | SD   | 2                          | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-0585 | Medical Imaging                    | SD   | 2                          | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
|           | <b>TOTAL</b>                       |      | <b>4</b>                   | <b>-</b> | <b>2</b> | <b>-</b> | <b>84</b>                   |                             | <b>8</b>     | <b>116</b>              |                   |
|           | <b>FACULTATIVE</b>                 |      |                            |          |          |          |                             |                             |              |                         |                   |
| IETI-1168 | Development of electronic products | SD   | 2                          | -        | 1        | -        | 42                          | Vp                          | 3            | 33                      |                   |

| Code      | Disciplines*                               | Type | Sem. VIII<br>[hours / week] |          |          |          | Total of<br>hours /<br>sem. | Type of<br>Exami-<br>nation | Cre-<br>dits | IS<br>[hours /<br>sem.] | Condi-<br>tioning |
|-----------|--------------------------------------------|------|-----------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
|           |                                            |      | C                           | S        | L        | P        |                             |                             |              |                         |                   |
|           | <b>OBLIGATORII</b>                         |      |                             |          |          |          |                             |                             |              |                         |                   |
| IETI-1230 | Automotive software and electronics        | SD   | 2                           | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-1180 | Neural networks and fuzzy systems          | SD   | 2                           | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-0335 | Pattern Recognition                        | SD   | 2                           | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-1179 | Programable electronics systems            | SD   | 2                           | -        | 1        | -        | 42                          | Ex                          | 4            | 58                      |                   |
| IETI-1044 | Practice for the diploma project           | SD   | -                           | -        | -        | -        | 60                          | Vp                          | 2            | 0                       |                   |
| IETI-1022 | Diploma project development                | SD   | -                           | -        | -        | -        | 56                          | Vp                          | 4            | 44                      |                   |
|           | <b>TOTAL</b>                               |      | <b>8</b>                    | <b>-</b> | <b>6</b> | <b>-</b> | <b>312</b>                  |                             | <b>22</b>    | <b>248</b>              |                   |
|           | <b>OPTIONALE</b>                           |      |                             |          |          |          |                             |                             |              |                         |                   |
|           | PACHET 1                                   |      |                             |          |          |          |                             |                             |              |                         |                   |
| IETI-0367 | Optical Communication                      | SD   | 2                           | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
| IETI-1161 | Information optical transmission           | SD   | 2                           | -        | 1        | -        | 42                          | Vp                          | 4            | 58                      |                   |
|           | PACHET 2                                   |      |                             |          |          |          |                             |                             |              |                         |                   |
| IETI-0352 | Electronic Equipments Testing              | SD   | 2                           | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
| IETI-1162 | Applications of complex electronic systems | SD   | 2                           | -        | 2        | -        | 56                          | Ex                          | 4            | 44                      |                   |
|           | <b>TOTAL</b>                               |      | <b>4</b>                    | <b>-</b> | <b>3</b> | <b>-</b> | <b>98</b>                   |                             | <b>8</b>     | <b>102</b>              |                   |
|           | <b>FACULTATIVE</b>                         |      |                             |          |          |          |                             |                             |              |                         |                   |
| IETI-1016 | English language VI                        | CD   | -                           | 2        | -        | -        | 28                          | Vp                          | 2            | 22                      |                   |

**Legend:** C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;

GD - General Discipline; FD - Fundamental Discipline; SD - Specialized Discipline; CD - Complementary Discipline; FD - Field Discipline; DP - Practical Activities; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.

Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.