V. Učební plán

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| Studijní obor: 23-41-M/01 **STROJÍRENSTVÍ** |  |  |  |  |  |
| Platnost: od 1. 9. 2021 |  |  |  |  |  |  |  |  |
| Vyučovací předmět | Zkratka | Týdenní počet hodin v ročníku | Celkem |  |  |
|  |  | **I.** | **II.** | **III.** | **IV.** |  |  |  |
| Český jazyk a literatura | CL | 3(1) | 3 | 3 | 3(1) | 12 |  |  |
| Cizí jazyk | AJ | 3(3) | 3(3) | 3(3) | 3(3) | 12 |  |  |
| Základy spol. věd | ZSV | 0 | 1 | 1 | 1 | 3 |  |  |
| Dějepis | DJ | 2 | 0 | 0 | 0 | 2 |  |  |
| Matematika | MA | 4(1) | 4(1) | 3(1) | 3(1) | 14 |  |  |
| Fyzika | FY | 3(1) | 2 | 0 | 0 | 5 |  |  |
| Chemie | CH | 2 | 0 | 0 | 0 | 2 |  |  |
| Informační technologie | IT | 2(2) | 2(2) | 0 | 0 | 4 |  |  |
| Základy ekologie | ZEK | 0 | 1 | 0 | 0 | 1 |  |  |
| Tělesná výchova | TV | 2(2) | 2(2) | 2(2) | 2(2) | 8 |  |  |
| Ekonomika | EK | 0 | 3(1) | 0 | 0 | 3 |  |  |
| **Všeob. vzděl. předmětů** |  | **21** | **21** | **12** | **12** | **66** |  |  |
| Technické kreslení | TK | 4(2) | 0 | 0 | 0 | 4 |  |  |
| Mechanika | ME | 3(1) | 3 | 3 | 0 | 9 |  |  |
| Elektrotechnika | EL | 0 | 0 | 3(1) | 0 | 3 |  |  |
| Stavba a provoz strojů | SPS | 0 | 3 | 4(1) | 5(2) | 12 |  |  |
| Konstruování pomocí počítače | KPP | 0 | 2(2) | 1(1) | 0 | 3 |  |  |
| Strojírenská technologie | ST | 2 | 2 | 4(2) | 5(2) | 13 |  |  |
| Kontrola a měření | KM | 0 | 0 | 2(2) | 2(2) | 4 |  |  |
| Číslicové řízení strojů | CRS | 0 | 0 | 2(2) | 0 | 2 |  |  |
| Mechatronika | MCH | 0 | 0 | 0 | 3 (1) | 3 |  |  |
| Praxe | PRA | 3(3) | 3(3) | 3(3) | 0 | 9 |  |  |
| Volitelné předměty |  | 0 | 0 | 0 | 4 | 4 |  |  |
| **Odborných předmětů** |  | **12** | **13** | **22** | **19** | **66** |  |  |
| **Celkem týd. vyuč. hodin** |  | **33** | **34** | **34** | **31** | **132** |  |  |
|  |  |  |  |  |  |  |  |  |
| **Bloky volitelných předmětů ve 4. ročníku:**  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  A1 – Počítačem podporované konstruování (PPK)  |  |  |  |  |
|  A2 – Počítačem podporované obrábění CAM  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  B1 – Účetnictví (UC) - 2 hod. |  |  |  |  |  |  |
|  B2 – Podniková ekonomika (PE) - 2hod |  |  |  |  |
| **Žák si povinně zvolí blok volitelných předmětů A nebo B**  |  |  |  |  |  |
| Vyučování dle rozpisu učiva | 34 | 34 | 34 | 27 |  |  |  |  |
| Lyžařský výcvikový kurz | 1 |  |  |  |  |  |  |  |
| Sportovně turistický kurz |  |  | 1 |  |  |  |  |  |
| Odborná praxe ve firmách |  | 2 | 2 |  |  |  |  |  |
| Maturitní zkouška |  |  |  | 2 |  |  |  |  |
| Časová rezerva | 5 | 4 | 3 | 5 |  |  |  |  |
| **Celkem** | **40** | **40** | **40** | **34** |  |  |  |  |

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| V. Učební plán  |  |  |  |  |  |  |
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| Studijní obor: 26-41-M/01 **ELEKTROTECHNIKA** |  |  |  |  |
| ŠVP: Elektroenergetika |  |  |  |  |  |
| Platnost: od 1. 9. 2021  |  |  |  |  |  |  |
|   |   | Týdenní počet hodin v ročníku | Týdenníchhodin  |
| Vyučovací předmět | Zkratka | **I.** | **II.** | **III.** | **IV.** |
| Český jazyk a literatura | CL | 3(1) | 3 | 3 | 3(1) | 12 |
| Cizí jazyk  | AJ/NJ | 3(3) | 3(3) | 3(3) | 3(3) | 12 |
| Matematika | MA | 4(1) | 4(1) | 3(1) | 3(1) | 14 |
| Fyzika | FY | 3(1) | 2 | 0 | 0 | 5 |
| Chemie | CH | 2 | 0 | 0 | 0 | 2 |
| Základy ekologie | ZK | 1 | 0 | 0 | 0 | 1 |
| Základy společenských věd | ZSV | 1 | 1 | 1 | 0 | 3 |
| Dějepis | DJ | 2 | 0 | 0 | 0 | 2 |
| Tělesná výchova  | TV | 2(2) | 2(2) | 2(2) | 2(2) | 8 |
| Informační technologie  | IT | 2(2) | 2(2) | 2(2) | 2(2) | 8 |
| Ekonomika | EK | 0 | 0 | 3(1) | 0 | 3 |
| **Celkem týdně hodin všeobecně vzdělávacích předmětů** |  | **23** | **17** | **17** | **13** | **70** |
| Základy elektrotechniky | ZE | 4(1) | 4(1) | 0 | 0 | 8 |
| Automatizační technika  | AT | 0 | 0 | 2 | 4(2) | 6 |
| Číslicová technika  | CT | 0 | 3 | 0 | 0 | 3 |
| Elektrotechnologie | EG | 0 | 1 | 0 | 0 | 1 |
| Elektronika  | ET | 0 | 3 | 2 | 0 | 6 |
| Praxe  | PRA | 3(3) | 3(3) | 3(3) | 0 | 9 |
| Elektrická měření  | EM | 0 | 0 | 4(2) | 4(3) | 8 |
| Technické kreslení  | TK | 3(1) | 0 | 0 | 0 | 3 |
| Strojnictví | SN | 0 | 2 | 0 | 0 | 2 |
| Elektrická zařízení | EZ | 0 | 0 | 0 | 2 | 2 |
| Elektrické stroje a přístroje | ES | 0 | 0 | 3(1) | 5(1) | 8 |
| Elektroenergetika | EE | 0 | 0 | 2 | 5(2) | 7 |
| **Celkem týdně hodin odborných předmětů** |  | **10** | **16** | **16** | **20** | **62** |
| **Celkem týdenních hodin** |  | **33** | **33** | **33** | **33** | **132** |
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| Studijní obor: 26-41-M/01 **ELEKTROTECHNIKA** |  |  |  |  |
| ŠVP: Slaboproudá elektrotechnika |  |  |  |  |  |
| Platnost: od 1. 9. 2021  |  |  |  |  |  |  |
|   |   | Týdenní počet hodin v ročníku | Týdenníchhodin  |
| Vyučovací předmět | Zkratka | **I.** | **II.** | **III.** | **IV.** |
| Český jazyk a literatura | CL | 3(1) | 3 | 3 | 3(1) | 12 |
| Cizí jazyk  | AJ/NJ | 3(3) | 3(3) | 3(3) | 3(3) | 12 |
| Matematika | MA | 4(1) | 4(1) | 3(1) | 3(1) | 14 |
| Fyzika | FY | 3(1) | 2 | 0 | 0 | 5 |
| Chemie | CH | 2 | 0 | 0 | 0 | 2 |
| Základy ekologie | ZK | 1 | 0 | 0 | 0 | 1 |
| Základy společenských věd | ZSV | 1 | 1 | 1 | 0 | 3 |
| Dějepis | DJ | 2 | 0 | 0 | 0 | 2 |
| Tělesná výchova | TV | 2(2) | 2(2) | 2(2) | 2(2) | 8 |
| Informační technologie | IT | 2(2) | 2(2) | 2(2) | 2(2) | 8 |
| Ekonomika | EK | 0 | 0 | 3(1) | 0 | 3 |
| **Celkem týdně hodin všeobecně vzdělávacích předmětů** |  | **23** | **17** | **17** | **13** | **70** |
| Základy elektrotechniky | ZE | 4(1) | 4(1) | 0 | 0 | 8 |
| Automatizační technika | AT | 0 | 0 | 2 | 4(2) | 6 |
| Číslicová technika | CT | 0 | 3 | 0 | 0 | 3 |
| Elektrotechnologie | EG | 0 | 1 | 0 | 0 | 1 |
| Elektronická zařízení | EN | 0 | 0 | 0 | 7(2) | 7 |
| Elektronika | ET | 0 | 3 | 3 | 0 | 6 |
| Praxe | PRA | 3(3) | 3(3) | 3(3) | 0 | 9 |
| Elektrická měření | EM | 0 | 0 | 4(2) | 5(3) | 9 |
| Technické kreslení | TK | 3(1) | 0 | 0 | 0 | 3 |
| Strojnictví | SN | 0 | 2 | 0 | 0 | 2 |
| Mikroprocesorová technika | MT | 0 | 0 | 2(1) | 4(2) | 6 |
| Silnoproudá zařízení | SZ | 0 | 0 | 2 | 0 | 2 |
| **Celkem týdně hodin odborných předmětů** |  | **10** | **16** | **16** | **20** | **62** |
| **Celkem týdenních hodin** |  | **33** | **33** | **33** | **33** | **132** |
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| **Přehled využití vyučovací doby (počet týdnů):** |  |  |  |  |
| **Činnost** | I. ročník | II. ročník | III. ročník | IV. ročník |  |  |
| Vyučování dle rozpisu učiva | 34 | 34 | 34 | 27 |  |  |
| Lyžařský výcvikový kurz | 1 |   |   |   |  |  |
| Sportovně turistický kurz |   |   | 1 |   |  |  |
| Odborná praxe ve firmách |   | 2 | 2 |   |  |  |
| Maturitní zkouška |   |   |   | 2 |  |  |
| Časová rezerva | 5 | 4 | 3 | 5 |  |  |
| **Celkem** | **40** | **40** | **40** | **34** |  |  |