V. Učební plán

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 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** |  |  |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| V. Učební plán | | | | |  | |  |  |  |  |  |
|  | | | | |  | |  |  |  |  |  |
| Studijní obor: 26-41-M/01 **ELEKTROTECHNIKA** | | | | | | | |  |  |  |  |
| ŠVP: Elektroenergetika | | | | | | |  |  |  |  |  |
| Platnost: od 1. 9. 2021 | | | | |  | |  |  |  |  |  |
|  | | | | |  | | Týdenní počet hodin v ročníku | | | | Týdenních hodin |
| 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** |
|  |  |  |  |  |  |
|  | | | | | | | | | | |  |
|  | | | | |  | |  |  |  |  |  |
|  | | | | |  | |  |  |  |  |  |
| Studijní obor: 26-41-M/01 **ELEKTROTECHNIKA** | | | | | | | |  |  |  |  |
| ŠVP: Slaboproudá elektrotechnika | | | | | | |  |  |  |  |  |
| Platnost: od 1. 9. 2021 | | | | |  | |  |  |  |  |  |
|  | | | | |  | | Týdenní počet hodin v ročníku | | | | Týdenních hodin |
| 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** |
|  |  |  |  |  |  |
|  | | | | | | | | | | |  |
|  | | | | |  | |  |  |  |  |  |
| **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** |  |  |