

ELECTRICAL ENGINEERING AND ELECTRONICS ABSTRACT

TO THE CURRICULUM OF THE INSTITUTIONS OF HIGHER EDUCATION Specialty Technical maintenance of vehicles

	Form of higher education		
	full-time (daily)	Correspondence	Correspondence abbreviated
Well	2	2	-
Semester	four	four	-
Lectures, hours	fifty	6	-
Practical (seminar) classes, hours	16	2	-
Laboratory classes, hours	34	6	-
Classroom examination (semester, hours)	-	4(2h)	-
Exam, semester	4 semester	4 semester	-
Classroom hours per academic discipline	100	16	-
Independent work, hours	60	144	-
Total hours per academic discipline / credit units	160/4 160/4		

1 - Brief content of the academic discipline:

- **purpose** of the discipline is the theoretical and practical training of engineers in the field of technical operation of vehicles to such an extent that they can choose electrical devices, electronic and electrical measuring instruments, be able to operate them correctly,.

2. Learning outcomes:

- student must **know** : electrical laws, terminology, the principle of operation of basic electrical machines;

- student must **be able to** read electrical circuits, turn on electrical machines and devices;

- student must be **proficient in** methods for calculating electrical circuits, methods for choosing electrical equipment and motors.

3. Formed competencies (codes of formed competencies):

AK - 1, AK - 2, AK - 3, AK - 4, AK - 6, AK - 7, AK - 8, AK - 9, SLK - 5, SLK - 6, PC - 1, 3, PC -12, PC - 4,

4. Requirements and forms of current and intermediate certification:

- protection

laboratory work, protection of settlement and graphic works, control work using a computer. When studying the discipline, the rating system module is used