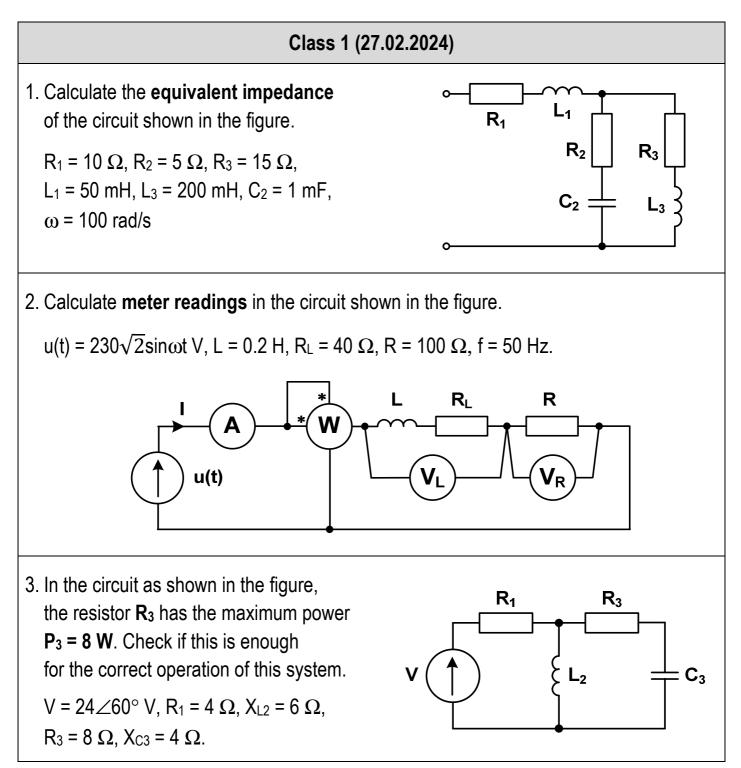
Module name:	Electrical Circuits 2
Module ID:	IS-FEE-10085S
Module type:	Class
Semester:	summer 2023/2024
Instructor:	Jarosław Forenc, j.forenc@pb.edu.pl



4. The circuit as shown in the figure has been protected by a 6 A overcurrent circuit breaker. Check that it will ensure continuous operation of this circuit when supplied with a sine wave voltage of 24 V rms.

 $\begin{array}{l} {\sf R}_1 = 2 \; \Omega, \; {\sf X}_{L2} = 2 \; \Omega, \; {\sf R}_2 = 2 \; \Omega, \\ {\sf X}_{C3} = 4 \; \Omega, \; {\sf R}_3 = 4 \; \Omega, \; {\sf X}_{L3} = 6 \; \Omega \end{array}$

