

SEMINARS:

The topic №	Name of topics for class	Number of hours	Maximum score
1	Efficiency evaluation of conventional sources of energy.	1	8
2	Estimated calculation of the system of heat transfer.	1	8
3	Calculation of thermal insulation systems by the method of thermal circuit.	1	8
4	Problems on calculation of solar exposition.	1	8
5	Calculation of thermal balance of heat sinks and opened, closed, isolated storage devices of thermal energy.	1	8
6	Calculation of solar radiation collector.	1	8
7	Calculation of thermo electronic generators efficiency.	1	8
8	Calculation of electric circuits of solar radiation photovoltaic receiver.	1	8
9	Calculation of thermal mode of solar module when the module is in horizontal and vertical position of module.	1	8
10	Examples of energetic systems using cistern.	1	8
11	Examples of energetic systems using cistern.	1	8
12	Examples of energetic systems using wind and rush energy.	1	8
13	Calculated examples of energetic systems using devices based on photosynthesis and biofuels	1	8
14	Calculated examples of energetic systems using thermal energy of ocean.	1	8
15	The calculation of the distribution chain and storage of renewable energy sources.	1	8