SEDV 633: ENERGY AND CLIMATE POLICY

The role of energy policy in sustainable energy development including the rationale for policy, the policy making process, principles of policy analysis, and the impact of energy policy on energy systems. Theoretical overview of energy policy tools and examples of their use in practice. Review of current issues in energy policy domestically and internationally

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Course Objective:
This course explores the role of energy and climate policy in the changing energy systems and as tools to overcome barriers to change. Students are introduced to the policy making process and the actors involved along with a broad range of policy tools and how they can be applied. Both the role of historical climate policy and the current policy environment, both domestically and internationally, is given. An introduction to approaches to evaluating policy effectiveness is also provided. These concepts are learned through readings, discussions, case studies, individual assignments, group projects, and other active learning activities.

Learning Outcomes:
- Understand the impact of energy and climate policy in the energy system.
- Identify the different barriers to decarbonization and the nature of these challenges.
- Describe the process of policy making and the key actors involved.
- Determine the appropriate policy tool(s) for a given desired energy/climate outcome across the energy system.
- Evaluate the effectiveness of a policy intervention.
- Understand the history of policy interventions and current policy debate.