

TKK 462 – COAL TECHNOLOGY

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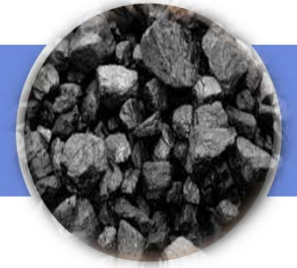
General Instructional Objective



The student should be able to explain and apply the principles of coal conversion into energy



Syllabus



- ❖ Coal carbonization
- ❖ Coal briquettes
- ❖ Coal gasification process
- ❖ Coal liquefaction process

References



1. Miller, B.G., "Coal Energy Systems", 2005, Elsevier Academic Press.
2. Berkowiz, An Introduction of Coal Technology, 1979, Academic Press.
3. Kirk-Othmer Encyclopedia of Chemical Engineering 5th Edition

Lecture Rules



1. 16 face-to-face meetings. 8 meetings with the each lecturer . 7 meetings lectures and 8th meeting midterms.
2. The first courses will not be tested again at the end of the exam.
3. Scoring : 80% exam + 20% assignment

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