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See http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/ for a complete description of the rules governing curriculum & course changes.

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D	Petroleum Engineering	C /	CEM
	Catherine Hanks		

and the basic tools used exploration and exploitation, including subsurface mapping, well logging and exploration geophysics. *Prerequisites: Graduate standing or permission of the instructor.* Cross-listed with GEOS F646. Stacked with GEOS F446. (3+0)

GEOS F646 Petroleum Geology

3 Credits Offered Fall Even-numbered Years

Examines the origin of petroleum, the geologic controls on its distribution and accumulation and the basic tools used exploration and exploitation, including subsurface mapping, well logging and exploration geophysics. *Prerequisites: Graduate standing or permission of the instructor.* Cross-listed with PETE F646. Stacked with GEOS F446. (3 + 0)

GEOS F446 Petroleum Geology

3 Credits Offered Fall Even-numbered Years

Examines the origin of petroleum, the geologic controls on its distribution and accumulation and the basic tools used exploration and exploitation, including subsurface mapping, well logging and exploration geophysics. *Prerequisites: GEOS F314 and F322 or equivalent.* Stacked with GEOS F646. (3 + 0)

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Has the course be Yes/No	een offered as special topics or trial course previous	ly?	Yes	

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A ACH C M LE E LLAB (). Note: The guidelines are online: http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/
The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items missing or unclear, the proposed course (or