

Submit originals (including syllabus) and one copy and electronic copy to the **Faculty Senate Office**  
 See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

**CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL**  
 Attach a syllabus, except if dropping a course.

**SUBMITTED BY:**

Department	PETE	College/School	CEM
Prepared by	Jennifer Hedrick	Phone	7734
Email Contact	jehedrick@alaska.edu	Faculty Contact	Dr. Shirish Patil

**1. COURSE IDENTIFICATION: As the course now exists.**

Dept	PETE	Course #	205	No. of Credits	1
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<b>COURSE TITLE</b>	Fundamentals of Drilling Practices
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**2. ACTION DESIRED:**  Check the changes to be made to the existing course.

Change Course	<input type="checkbox"/> If Change, indicate below what is changing.	Drop Course	<input checked="" type="checkbox"/> X
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<b>NUMBER</b>	<b>TITLE</b>	<b>DESCRIPTION</b>	<b>FREQUENCY OF OFFERING</b>
<b>PREREQUISITES*</b>			

\*Prerequisites will be required before a student is allowed to enroll in the course.

<b>CREDITS (including credit distribution)</b>	<b>COURSE CLASSIFICATION</b>
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<b>STACKED (400/600)</b> <i>Include syllabi.</i>	Dept.	Course #	
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Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi—undergraduate and graduate versions—will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online – see URL at top of this page.

<b>ADD NEW CROSS-LISTING</b>	Dept. & No.	Dept. & No.	Requires approval of both departments and deans involved. Add lines at end of form for additional signatures.
<b>STOP EXISTING CROSS-LISTING</b>	Dept. & No.	Dept. & No.	Requires notification of other department(s) and mutual agreement. Attach copy of email or memo.
<b>OTHER (specify)</b>			

**3. COURSE FORMAT**

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council and the appropriate Faculty Senate curriculum committee. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

<b>COURSE FORMAT:</b> (check <b>all</b> that apply)	<input type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6 weeks to full semester
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OTHER FORMAT (specify all that apply)

Mode of delivery (specify lecture, field trips, labs, etc.)

**4. COURSE CLASSIFICATIONS:** (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

H = Humanities	<input type="checkbox"/>	S = Social Sciences	<input type="checkbox"/>
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Will this course be used to fulfill a requirement for the baccalaureate core?	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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IF YES\*, check which core requirements it could be used to fulfill:

O = Oral Intensive, *Format 6 also submitted	<input type="checkbox"/>	W = Writing Intensive, *Format 7 submitted	<input type="checkbox"/>	Natural Science, *Format 8 submitted	<input type="checkbox"/>
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4.A Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will be added in the printed Catalog, and flagged in Banner.

YES  NO

5. COURSE REPEATABILITY:

Is this course repeatable for credit? YES  NO

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?  TIMES

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?  CREDITS

6. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking, clearly showing the changes you want made. (Underline new wording strike-through old wording and use complete catalog format including dept., number, title, credits and cross-listed and stacked.)

Example of a complete description:

PS F450 Comparative ~~Aboriginal~~ Indigenous Rights and Policies (s)

3 Credits

Offered As Demand Warrants

Case study ~~Comparative approach in assessing Aboriginal~~ Multiple countries and specific policy developments to analyzing Indigenous rights and policies in different nation-state systems. ~~Seven Aboriginal situations~~ examined for factors promoting or limiting self-determination. Prerequisites: Upper division standing or permission of instructor. (Cross-listed with ANS F450.) (3+0)

7. COMPLETE CATALOG DESCRIPTION AS IT SHOULD APPEAR AFTER ALL CHANGES ARE MADE:

8. GRADING SYSTEM: Specify only one.

LETTER:  PASS/FAIL:

9. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Combining the classes will allow faculty to cover a substantial amount of material during the student's freshman year, keeping the student engaged and giving them the proper foundation for their studies rather than spreading these fundamental knowledge and skills out through their years here. It is believed this change will better serve the student's education.

10. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No  Yes  The course is being dropped.

11. IMPACTS ON PROGRAMS/DEPTS:

What programs/departments will be affected by this proposed action?  
Include information on the Programs/Departments contacted (e.g., email, memo)

Petroleum Engineering will be the affected department and a Bachelor's of Science in Petroleum Engineering will be the affected program.

12. POSITIVE AND NEGATIVE IMPACTS

Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

The proposed action will provide better learning environment with a 3 credit class, continuity, and engagement for the students and allow faculty to cover a substantial amount of material during the student's freshman year, keeping the student engaged and giving them the proper foundation for their studies rather than spreading these fundamental knowledge and skills out through their first two years at UAF. This is part of our continuous quality improvement and assessment at program level.



There are no negative impacts.

**13. JUSTIFICATION FOR ACTION REQUESTED**

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you ask for a change in # of credits, explain why; are you increasing the amount of material covered in the class? If you drop a prerequisite, is it because the material is covered elsewhere? If course is changing to stacked (400/600), explain higher level of effort and performance required on part of students earning graduate credit. Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the course is not compromised as a result.

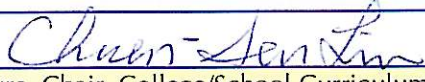
Petroleum engineering department has traditionally offered PETE 103, PETE 104, PETE 205 and PETE 206, four, 1 credit classes in first four semesters of freshman petroleum engineering student degree program. The program enrollment has increased steadily over the past 6 years, with current enrollment almost quadrupled to ~125 students (from 29 students in 2006). Significant part of the enrollment increase is from non-traditional out of state transfer students and students coming from China with UAF 2+2 articulation agreement with China University of Petroleum- Beijing. These changes have caused significant problems in terms of course scheduling as well as students having to wait for a year to take some of these classes.

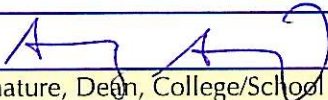
To overcome these problems and allow faculty to cover substantial course material and engage with students for a good portion of their freshman year, the department has decided to combine these four courses into one 3 credit class, PETE 101- Fundamentals of Petroleum, Drilling and Production.

This new course, PETE 101 will be offered each fall and spring, which will avoid students having to wait for a year to take a class or stay back in the summer to take a class while jeopardizing their summer internship with companies, so vital for their long-term career opportunities.

**APPROVALS: (Additional signature blocks may be added as necessary.)**

 Date 11/1/2012  
Signature, Chair, Program/Department of:

 Date 11/06/2012  
Signature, Chair, College/School Curriculum Council for:

 Date 11/8/12  
Signature, Dean, College/School of: CEM

Offerings above the level of approved programs must be approved in advance by the Provost:

Signature of Provost (if applicable) Date

**ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE.**

Signature, Chair Date

Faculty Senate Review Committee: \_\_\_Curriculum Review \_\_\_GAAC  
\_\_\_Core Review \_\_\_SADAC

**ADDITIONAL SIGNATURES:** (As needed for cross-listing and/or stacking; add more blocks as necessary.)

	Date	
Signature, Chair, Program/Department of:		
	Date	
Signature, Chair, College/School Curriculum Council for:		
	Date	
Signature, Dean, College/School of:		

Note: If removing a cross-listing, attach copy of email or memo to indicate mutual agreement of this action by the affected department(s). If degree programs are affected, a Format 5 program change form must also be submitted.