

2023 – 2024 Faculty Senate – Pending Approval**Meeting # 10**

Tuesday, October 24, 2023, 3:30 pm – 5:00 pm

Zoom only

**Approved at Mtg #11
October 31, 2023**

Present: Barannyk, Blevins, Chapman, Gauthier (Chair), Haltinner (Vice Chair), Hobbs, Justwan, Kenyon, Kirchmeier, Torrey Lawrence (w/o vote), Long, McKenna, Mischel, Mittelstaedt, Murphy, Ramirez, Raney, Rode, Rinker, Rode, Sammarruca (w/o vote), Schiele, Shook, Tibbals.

Absent: Haltinner (excused), Miller, Roberson, Schwarzlaender (excused), Strickland (excused)

Guests/Speakers: Ken Udas

Call to Order: Chair Gauthier called the meeting to order at 3:30 pm.

Approval of Minutes (vote):

The minutes of the 2023-24 Meeting #9, October 17, 2023, were approved as distributed.

Chair's Report:

- The UOPX survey is likely to attract a significant amount of interest. It's important to exercise caution. Please remind your constituents not to include any identifying information about themselves, their units, or others. Responses containing personal information may be discarded. The survey should be constructive and usable.
- During the New Business phase of this meeting, we'll hear from Steve Mills, Director of Parking and Transportation Services, and Tao Xing, Chair of the Parking Committee, concerning on-campus parking issues.

Provost's Report:

- The October Faculty Gathering will be held on October 25, 2023, from 4:30-6:30 PM on the first floor of the Education, Health and Human Sciences building (open area on the first floor), hosted by Dean Blevins.
- Leadership Weekend is coming up. Many of our Advisory Boards will be on campus Thursday, Friday and Saturday. The game against Montana State is on Saturday at 1PM.
- November 1 is the deadline for completing the All Employee Required Training.

Committee Reports (vote):

- UCC 519: Aerospace Certificate - Vibhav Durgesh, Mechanical Engineering
The undergraduate aerospace certificate is intended to provide students with a foundational understanding of the principles and practices of aerospace engineering. The certificate program is designed to enhance students' knowledge and skills in aerospace engineering and to prepare them for careers in the aerospace industry or for advanced studies in the field. It may also be helpful for students who are interested in pursuing related fields such as mechanical engineering, electrical engineering, or computer science. There has been a growing interest from engineering students in specializing in aerospace engineering, and thus we expect this certificate to enhance the recruitment of students into the engineering programs at the University of Idaho. Furthermore, the certificate will help meet the employment needs of our industry partners.

Discussion:

There were no questions.

Vote: 100% in favor. Motion passes.

Other Voting Items

- University of Phoenix Revised Survey

Chair Jean-Marc asked the senators to place in the Zoom chat the numbers corresponding to those questions which they would like to see discussed, amended, or removed.

Discussion:

Questions # 5, 6, 7, 10 were placed in the chat.

Questions #6, 7: They ask about expected impact on units. Provost Lawrence argued that there will be no impact on units, thus those questions are unnecessary. Some of the task force members explained the rationale for including them. For instance, some units that teach classes also offered by UOPX worry that the affiliation may negatively impact their classes.

At this point, task force members wondered whether the on-going discussion suggests that we should revisit the purpose of the survey. The Secretary noted that the purpose is provided in the paragraph heading the survey.

The discussion moved to Question #5, which asks whether university employees believe they *were appropriately involved in the decision to affiliate with the University of Phoenix, as determined by existing University of Idaho policies*. A senator worries that the presence of the links to the policies makes the question appear “leading.” A task force member explained that the inclusion of the policies resulted from additional feedback received after last week’s meeting. Also, it may increase employee’s awareness of university policies and processes. Some senators felt strongly that Question #5 is very important and is part of the reasons why the survey was developed. The Secretary disagrees. While the question is indeed very important and goes to the core of shared governance at U of I, it does not fall under the goals stated in the headings. In the interest of the survey, she suggested avoiding questions the answers to which may be influenced by, for instance, feelings of resentment.

Motion by Long, seconded by Tibbals: *Move to accept Question #5 as submitted.*

Vote: 14/18 yes; 4/18 no. Motion passes.

Motion by Mittelstadt, seconded by Long: *Move to accept the survey as submitted. (Possibly with some minor rewording.)*

Vote: 17/20 yes; 3/20 no. Motion passes.

Announcements and Communications:

- CAPE – Ken Udas, Vice Provost for Digital Learning

CAPE (Continuing Adult and Professional Education) is an entity or function that provides services to non-traditional education programs providers, including basic capacity for infrastructure such as information systems for administrative support, promotion and marketing of the CAPE portfolio, and also for new programs market analyses and forecasting. These services are generally available for traditional programs, but not for non-traditional programs. Along with his team and with the help of other colleagues, such as Barb Kirchmeier, Erin Doty, and Brook’s team in EHHS, they have worked to provide support. The goal is to offer a three-year pilot program starting in early 2024, with 30 courses mostly from EHHS, and eventually open it to colleges and units interested in these services. The financial model covers 3 years. For the first year, the offerings will be supported by P3 funds, to get things off the ground. For the second and third years, it should be a self-sustained effort. For the second year, we’ll cap the fee at 10% of revenue. After that, the fee may go above or below 10%, depending on cost and

revenue. Hopefully, by year #3 there is enough activity to keep the fee low relative to the services. This effort will make U of I competitive with BSU, ISU, Utah State, Arizona, and more. Vice Provost Udas is happy to share the full version of today's presentation through Faculty Senate distribution.

Discussion:

A discussion followed about possible overlap with UOPX and why not wait until we can work in partnership with UOPX. Waiting for UOPX is not a viable option because there is an immediate need for these services. In the college of EHHS they are already working on initiatives such as those that Ken Udas talked about, but we need a more robust system soon. CETL is involved.

New Business:

- Chair Gauthier introduced Steve Mills Director, Parking and Transportation Services and Tao Xing, Chair of Parking Committee.

Below is a list of talking points, to be expanded at a later time:

- Budget model for parking permit charges
- Equity of permit cost. Should it be salary-based?
- Availability of and cost of parking for part-time lecturers/adjuncts
- Status of station on-campus to charge electric bikes and cars
- Parking permit cost:
 1. Regarding questions about parking permit costs, here is a link to the survey Parking and Transportation Services conducted in 2020 of peer-institution parking permit pricing: <https://www.uidaho.edu/-/media/UIDaho-Responsive/Files/infrastructure/Parking/future-plans/peer-institution-permit-prices-fy18.pdf>
 2. The link below will take the reader to the Budget Books pages for Auxiliary Services; Parking and Transportation Services begins on page 56.
[FY2024 Auxiliary Enterprise Budget Book Excluding Athletics \(uidaho.edu\)](https://www.uidaho.edu/infrastructure/parking/future-plans/peer-institution-permit-prices-fy18.pdf)

There was a brief discussion about reciprocal parking agreement with WSU. The WSU & UI Reciprocal Parking Agreement can be found at: <https://transportation.wsu.edu/wsu-ui-permits>
Additional options: There are visitor parking permits, daily or for ten (consecutive or non-consecutive) days. With those, one can park anywhere on campus.

<https://www.uidaho.edu/infrastructure/parking/visitors-community/visitors>

Adjournment:

The agenda being completed, Chair Gauthier adjourned at 4:58pm.

Respectfully Submitted,

Francesca Sammaruca
Secretary of the University Faculty & Secretary to Faculty Senate

University of Idaho
2023 – 2024 Faculty Senate Agenda

Meeting #10

Tuesday, October 24, 2023 at 3:30 pm
Zoom Only

- I. Call to Order
- II. Approval of Minutes
 - Minutes of the 2023-24 Faculty Senate Meeting #9 October 17, 2023, **Attach. #1**
- III. Chair’s Report
- IV. Provost’s Report
- V. Committee Reports (vote)
 - UCC 519: Aerospace Certificate - Vibhav Durgesh, Mechanical Engineering **Attach. #2**
- VI. Other Voting Items
 - University of Phoenix Revised Survey – Discussion and Vote **Attach. #3**
- VII. Announcements and Communications
 - CAPE – Ken Udas, Vice Provost for Digital Learning
- VIII. New Business

Adjournment

Attachments

- **Attach. #1** Minutes of the 2023-24 Faculty Senate Meeting #9 October 17, 2023
- **Attach. #2** UCC 519
- **Attach. #3** University of Phoenix Revised Survey

2023 – 2024 Faculty Senate – Pending Approval

Meeting # 9

Tuesday, October 17, 2023, 3:30 pm – 5:00 pm

Zoom only

Present: Barannyk, Chapman, Gauthier (Chair), Haltinner (Vice Chair), Hobbs, Justwan, Kenyon, Torrey Lawrence (w/o vote), Long, McKenna, Miller, Mittelstaedt, Murphy, Ramirez, Rode, Rinker, Roberson, Rode, Sammarruca (w/o vote), Schiele, Schwarzlaender, Shook, Strickland, Tibbals

Absent: Kirchmeier (excused), Blevins, Mischel, Raney, Reynolds

Guests/Speakers: Janis Johnson, Sydney Freeman, Ben Barton, Marco Seiferle-Valencia, Blaine Eckles, Lee Espey, Crystal Callahan

Call to Order: Chair Gauthier called the meeting to order at 3:30 pm.

Approval of Minutes (vote):

The minutes of the 2023-24 Meeting #8, October 10, 2023, were approved as distributed.

Chair's Report:

- Chair Gauthier extended a warm welcome back to Policy Coordinator Diane Whitney. Her expertise was missed.
- In the spirit of the policy tracking mentioned at an earlier meeting, we plan to take a closer look at APM policies that impact faculty, and report to Senate before those policies move forward. For instance, the group of APM 45.xx policies deals with grants and research. Chair Gauthier is seeking one or two faculty who are familiar with research grant processes and are willing to read these policies and report to Senate. We look forward to working with the Policy Coordinator on this matter.
- Artificial Intelligence (AI) and Machine Learning (ML) is gathering a lot of interest! We received a large number of responses. The members of the AI/ML task force are: Bert Baumgaertner (Politics and Philosophy, Chair), Jagdish Patel (Chemical and Biological Engineering), Barrie Robison (Institute of Interdisciplinary Data Science, Director), Esteban Hernandez-Vargas (Math and Statistics), Douglas Habib, Center for Excellence in Teaching and Learning (CETL).
- UOPX survey: We acknowledge and thank Kristin and the members of the team for the great work produced in such a limited time.
- Reminders about scope of and motivation for the survey.
 - To give people the opportunity to voice their opinions.
 - We wish to honor the request for a survey voiced at the last UFM.
 - 94% of the senators voted (two weeks ago) in favor of a survey.
 - To provide constructive information to the administration and the working groups as we move forward.

Provost's Report:

- October 15 was the official census date for fall enrollment. We have the second largest incoming class (second to last year's), with 1,869 students. The total enrollment is at 11,849, a 3% overall increase. We are up 1.4% in retention rate, which is great news.

- There was great interest in joining the UOPX working groups – we received about 86 nominations/self-nominations, after removing duplicates. Soon we'll announce the names.
- "Common Read" event is tonight at 7:00pm in the Pitman Center International Ballroom.

Discussion:

Senator: There will be a Board for the "43 Education" entity. How will that Board be constituted? Provost's response: The Uof I Regents will appoint the members of "43 Education" board who will functional as the Board of Directors for UOPX. Most likely, our president and their president will be on it, and possibly a Regent. Also, indepent members are required. For continuity, one or two members of the current UOPX Board of Directors may be invited.

Committee Reports (vote)

- UCC 139: International Business Minor, drop – Stefanie Ramirez, Department of Business
Low student interest is a major reason for dropping the minor. In addition, efforts needed to truly provide a rich international business experience are beyond the available resources. Integrating international business topics and issues in existing courses, as we do, has been effective at providing exposure to the entire college student body. Supporting student-abroad opportunities by working to integrate those opportunities into degree requirements continues to provide a portion of the student body with additional international business experiences. There were no questions.
Vote: 21/21 yes. Motion passes.

- UCC 149: Black Studies Minor – Janis Johnson, English Department, Sydney Freeman, Leadership & Counseling
Changing degree name from Africana Studies Minor to Black Studies Minor. We believe this will make the degree more attractive and more accessible to more students. The term and concept "Africana" is confusing to many people. People tend to understand what "Black" means in relation to people and culture. There were no questions.
Vote: 21/21 yes. Motion passes.

The next two items will be discussed and voted on as a package.

- UCC 520: Chemical Addictions: Principals and Practice Academic Certificate – Ben Barton, Department Chair, Psychology and Communication
All courses in this proposed certificate are already in the course catalog. No new courses need to be created. The courses already exist as part of the addictions minor and regularly draw enrollments of 40-50 students. Creating this certificate will provide an academic opportunity for students who take all, or only half, of the curriculum required by the addictions minor.
- UCC 521: Professional Skills in Chemical Addictions Counseling Academic Certificate – Ben Barton, Department Chair, Psychology and Communication
All courses in this proposed certificate are already in the course catalog. No new courses need to be created. The courses already exist as part of the addictions minor and regularly draw enrollments of 40-50 students. Creating this certificate will provide an academic opportunity for students who take all, or only half, of the curriculum required by the addictions minor. There were no questions.
Vote: 20/20 yes. Motion passes.

Announcements and Communications:

- Spread Pay Task Force – Erin Chapman, School of Family and Consumer Sciences
The Spread Pay Task Force met on October 13, 2023, and will report to Senate shortly.
- State Board’s Instructional Materials Accessibility and Affordability Policy – Marco Seiferle-Valencia, General Library
The Open Campus Committee is in the process of bringing zero and very low cost *course marking* to the U of I. The SBOE Instructional Materials Accessibility and Affordability Policy defines “zero cost” as a total list price of \$0, and “very low cost” as a total list price of \$1 - \$30. In view of the SBOE policy and the growing interest in cost-conscious strategies, the plan is to see our first Zero and Very Low Cost marked courses in Fall 2024. By Idaho SBOE definition, *course marking* is the assignment of attributes to course sections that help students quickly identify important course information at registration time.
Research has shown that Open Textbooks (complete textbooks designed to replace traditional textbooks) are of similar quality to traditional texts and often better ranked by faculty and students. See <https://openedgroup.org/review> for the research. Equivalent learning performance between open and traditional textbooks, and a withdrawal rate 29% lower with open textbooks, have been reported. Marco cited many studies that demonstrate the benefits of open textbooks. Preliminary results of a Spring 2023 course material survey show high student desire for affordable course materials and faculty interest in developing OER. After bringing this new item from Library Affairs to Faculty Senate, the plan is to finalize supporting web content, tools for cost checking, etc. The communication should go out to department chairs in late October. The next steps involve: the Registrar office, departments workflow updating, process for quality control, beginning to apply cost attributes to course material for fall 2024 scheduling, and a student-facing campaign. First Zero and Very-Low Cost courses will appear at U of I in Fall 2024.

Discussion:

Different instructors require different material. Can the course marking be different depending on who is teaching the class? Marco responded that it’s indeed possible. Basically, it goes back to the difference between catalog and schedule. The catalog is the permanent metadata about the course but does not include an assigned instructor. On the other hand, course marking will happen at the scheduling level. So, the same class taught by different instructors can have different course markings on the schedule.

There was a question about the origin of the Open Campus Committee and absence of teaching faculty in the membership. Marco’s response: The library is already leading all the “open” activities. After the leadership transition in the office of the Vice Provost for Academic Initiatives, Dean Ben Hunter convened this committee to revisit the SB policy and our obligations. As for the absence of teaching faculty at the committee, Marco will be happy to visit with specific senate committees interested in this. He also noted that there is some time pressure because our peer institutions in the state are further along and some are offering course marking.

The provost added that this initiative is not a change in teaching. The group was charged with the implementation of a characterization of courses.

Scholars pay large sums to publish in open-access journals. A senator inquired about the funding source for publishing open textbooks. Marco’s reply: There are faculty who created interactive digital textbooks at no extra compensation. If these faculty connect with the library, we offer

Open Fellowship and are able to provide some honorarium. There are also big publishers of open books, such as OpenStack, affiliated with various universities. Libraries have significant funding through university, Microsoft, or private donors. There is strong institutional support also for peer review and, in some cases, the development of course software. There are multiple options, especially for textbooks at the lower-division undergraduate level.

Please contact Marco at marcosv@uidaho.edu for any questions.

- **Campus Safety Concerns** – Blaine Eckles, Vice President Student Affairs, Dean of Students; Lee Espey, Finance and Administration, Division Operation Officer
Many employees are interested in training for critical situations. We have received many requests for active shooter training, which we can offer together with MPD. We can also go to people’s location on campus and teach them what to do in those crisis situations. Contact the Safety subcommittee to let them know what you would like to see offered that’s not already covered. Reach out, ask, etc. We have many resources people may not know about.
Lee Espey:
Active shooter training, etc. (with MPD): More to come on how to access those trainings.
Discussion
What kind of training is being offered at the U of I Children Center, and how is that training/education being rolled down to the children at the center? Dean Eckles has recently spoken with the director of the center and asked her to prepare a communication to share with families.
- **University of Phoenix Draft Survey** – Jean-Marc Gauthier, Senate Chair, Kristin Haltinner, Senate Vice Chair.
Please provide constructive feedback on the questions that you think need improvement. The survey is a way to breakdown the complex situation with the University of Phoenix into several categories starting with academic issues. You can use the chat for feedback. An open document will also be available for you to provide feedback. The open doc is accessible to all senators through the link posted in the chat.
Kristin gave a brief background on the task force, followed by a brief discussion that articulated through the following points:
The survey will be administered through Qualtrics.
Should the respondent’s college or unit be identified (see Question #18 in the draft)?
The draft can be shared with Staff Council.
The purpose of the survey: To give people the opportunity to voice their opinions. To collect constructive information for the administration and the working groups as we move forward.
The survey’s results will be shared with the administration.

New Business:

There was none.

Adjournment:

The agenda being completed, Chair Gauthier adjourned at 4:36pm.

Respectfully Submitted,

Francesca Sammaruca

Secretary of the University Faculty & Secretary to Faculty Senate

519: AEROSPACE CERTIFICATE

In Workflow

1. 130 Chair (ewolbrec@uidaho.edu)
2. 08 Curriculum Committee Chair (gabrielp@uidaho.edu)
3. 08 Dean (gabrielp@uidaho.edu; long@uidaho.edu)
4. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu; cari@uidaho.edu; lindalundgren@uidaho.edu)
5. Curriculum Review (Curriculum Review@uidaho.edu)
6. Degree Audit Review (rfrost@uidaho.edu)
7. Registrar's Office (none)
8. Ready for UCC (disable)
9. UCC (none)
10. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu; csparker@uidaho.edu)
11. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu; cari@uidaho.edu; lindalundgren@uidaho.edu)
12. Catalog Update (sbeal@uidaho.edu)

Approval Path

1. Fri, 01 Sep 2023 19:23:11 GMT
Eric Wolbrecht (ewolbrec): Approved for 130 Chair
2. Sat, 16 Sep 2023 23:08:19 GMT
Gabriel Potirniche (gabrielp): Approved for 08 Curriculum Committee Chair
3. Sun, 17 Sep 2023 00:10:25 GMT
Suzanna Long (long): Approved for 08 Dean
4. Tue, 19 Sep 2023 15:37:23 GMT
Gwen Gorzelsky (gwen): Approved for Provost's Office
5. Thu, 21 Sep 2023 21:20:55 GMT
Theodore Unzicker (tunzicker): Approved for Curriculum Review
6. Tue, 03 Oct 2023 18:13:39 GMT
Rebecca Frost (rfrost): Approved for Degree Audit Review
7. Tue, 03 Oct 2023 21:15:18 GMT
Theodore Unzicker (tunzicker): Approved for Registrar's Office
8. Tue, 10 Oct 2023 23:12:12 GMT
Sydney Beal (sbeal): Approved for Ready for UCC
9. Tue, 17 Oct 2023 20:24:03 GMT
Sydney Beal (sbeal): Approved for UCC

New Program Proposal

Date Submitted: Mon, 28 Aug 2023 22:39:44 GMT

Viewing: 519 : Aerospace Certificate

Last edit: Tue, 10 Oct 2023 23:12:06 GMT

Changes proposed by: Vibhav Durgesh

Faculty Contact

Faculty Name	Faculty Email
Vibhav	Durgesh

Will this request have a fiscal impact of \$250K or greater?

No

Academic Level

Undergraduate

College

Engineering

Department/Unit:

Mechanical Engineering

Effective Catalog Year

2024-2025

Program Title

Aerospace Certificate

Degree Type

Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits

12

CIP Code

14.1901 - Mechanical Engineering.

Will the program be Self-Support?

No

Will the program have a Professional Fee?

No

Will the program have an Online Program Fee?

No

Will this program lead to licensure in any state?

No

Will the program be a statewide responsibility?

No

Financial Information**What is the financial impact of the request?**

Less than \$250,000 per FY

Note: If financial impact is greater than \$250,000, you must complete a Program Proposal Form

Describe the financial impact

None. Classes are already in the Mechanical Engineering curriculum and are periodically taught by department faculty.

Curriculum:**Certificate Objectives:**

The undergraduate aerospace certificate aims to provide students with a foundational understanding of the principles and practices of aerospace engineering with a focus on the key areas of aerodynamics, propulsion, materials, and aero-structures.

The certificate program is designed to enhance students' knowledge and skills in aerospace engineering and to prepare them for careers in the aerospace industry or for advanced studies in the field. It may also be helpful for students who are interested in pursuing related fields such as mechanical engineering, electrical engineering, or computer science. The required coursework must be completed with a grade of 'C' or better.

Required Coursework

Code	Title	Hours
Choose 4 courses from the following:		
ME 417	Turbomachinery	12
ME 412	Gas Dynamics	
ME 450	Fundamentals of Computational Fluid Dynamics	
ME 451	Experimental Methods in Fluid Dynamics	
ME 415	Materials Selection and Design	
ME 458	Finite Element Applications in Engineering	

ME 461

Fatigue and Fracture Mechanics

Total Hours**12****Course to total 12 credits for this certificate.**

Students should consult with their academic advisor regarding this certificate.

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?

No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group B change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?

Moscow

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

LO#1: Attain career advancement in the aerospace sciences or related fields based on knowledge and skills gained from the certificate in aerospace.

LO#2 - An ability to develop and design aerospace systems or components using basic engineering principles while following real-world constraints.

LO#3 - An ability to effectively communicate to clients, engineers, or the general public on topics related to engineering solutions in aerospace engineering, technologies, and/or related fields.

Overall, these learning outcomes demonstrate that students who have completed a certificate in aerospace have acquired the knowledge, skills, and abilities necessary to succeed in various fields of the aerospace industry. The students are well-prepared to pursue further education or employment in the aerospace field.

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

The assessment process for the certificate in aerospace will involve regular evaluations of the learning outcomes. This assessment process will include reporting on student assignments, exams, and projects. The summary of the evaluations will be submitted as part of the institutional assessment and accreditation process.

How will you ensure that the assessment findings will be used to improve the program?

Corrective actions will be undertaken whenever students do not meet the expected criteria for learning outcomes, including emphasizing specific content and adding learning activities and resources as needed. The results of the periodic review will be shared with the aerospace faculty cohort for implementing continuous improvements.

What direct and indirect measures will be used to assess student learning?

Direct measures will include exams, assignments, and class projects, which will be required for all the relevant classes. These tasks will be graded on a regular basis. Indirect measures will include self-assessment by students of achievement levels for each learning outcome. An exit survey will also be used as an indirect measure to assess student learning.

When will assessment activities occur and at what frequency?

Assessments of each learning outcome will be performed each year as part of the regular course activities.

Student Learning Outcomes

Learning Objectives

1 - Attain career advancement in the aerospace sciences or related fields based on knowledge and skills gained from the certificate in aerospace.

2 - An ability to develop and design aerospace systems or components using basic engineering principles while following real-world constraints.

3 - An ability to effectively communicate to clients, engineers, or the general public on topics related to engineering solutions in aerospace engineering, technologies, and/or related fields.

A clearly stated rationale for this proposal must be included or the University Curriculum Committee will return the proposal for completion of this section. The rationale should provide a detailed summary of the proposed change(s). In addition, include a statement in the rationale regarding how the department will manage the added workload, if any.

There has been a growing interest from engineering students in specializing in aerospace engineering, and thus we expect this certificate to enhance the recruitment of students into the engineering programs at the University of Idaho. Furthermore, the certificate will help meet the employment needs of our industry partners.

The certificate in aerospace is designed to provide undergraduate students with specialized knowledge and skills in the field of aerospace, which is a rapidly growing and evolving industry. This certificate program is intended to prepare students for careers in the aerospace industry or related fields, as well as future graduate studies in the field of aerospace and/or aero sciences. The department currently already offers the courses required for the aerospace certificate. All courses include aerospace-specific content.

Reviewer Comments

Linda Lundgren (lindalundgren) (Wed, 20 Sep 2023 21:37:50 GMT): Program Description received from Durgesh Vibhav on 9/20/23 (see below): The certificate will provide students with a foundational understanding of the principles and practices of aerospace engineering with a focus on the key areas of aerodynamics, propulsion, materials, and aerostructures. Designed to enhance students' knowledge and skills in aerospace engineering and to prepare them for careers in the aerospace industry and/or for graduate studies in the field.

Rebecca Frost (rfrost) (Tue, 03 Oct 2023 18:10:28 GMT): Adjusted course listing into catalog standard.

Key: 519

Attach. #3

In response to requests by faculty, the Faculty Senate charged a task force to assess employee perspectives regarding the upcoming affiliation with the University of Phoenix. The task force developed the following survey for the purpose of evaluating current levels of understanding with regards to the affiliation and to collect related feedback from employees. The questions are designed to gather employee perceptions and constructive suggestions, which will be informative and helpful to the Faculty Senate in our conversations with administration as we move forward.

All questions are optional.

There will be no identifying information collected in survey questions.

Draft Survey Questions

- 1. In your opinion, how knowledgeable are you about the University of Phoenix and its programs?***

Not at all knowledgeable
Not very knowledgeable
Fairly knowledgeable
Very knowledgeable
Prefer not to answer

- 2. In your opinion, how knowledgeable are you about the details of the affiliation with the University of Phoenix?***

Not at all knowledgeable
Not very knowledgeable
Fairly knowledgeable
Very knowledgeable
Prefer not to answer

- 3. What sources of information have you used to learn about the University of Phoenix affiliation? [Choose all that Apply]***

Local/state news reports (Moscow-Pullman Daily News, Lewiston Tribune, Idaho Statesman, Idaho Ed News, etc.)

National news reports (Chronicle of Higher Education, Inside Higher Ed, etc.)

University of Idaho colleagues
University of Idaho's FAQ and resource website
University of Idaho's written communications
University of Idaho's town halls
University of Idaho's informational sessions with University of Phoenix administrators
Provost Lawrence's meetings with units in October
[NOTE: WE ARE WAITING ON A COMPREHENSIVE LIST FROM UCM OF ALL UI SPONSORED EVENTS PERTAINING TO AFFILIATION - INSERT DATES HERE]
Other (please specify)

4. To what degree do you support the University of Idaho affiliation with the University of Phoenix?

Strongly Oppose
Somewhat Oppose
Neutral
Somewhat Support
Strongly Support
Unsure

Please rate the degree to which you agree with the following statements

5. Based on my understanding of the Constitution of University Faculty (<https://www.uidaho.edu/governance/policy/policies/fsh/1/1520>), APM 60.21 (<https://www.uidaho.edu/governance/policy/policies/apm/60/21>), the role of Staff Council (<https://www.uidaho.edu/governance/policy/policies/fsh/1/1800>), and the role of shared governance at the University of Idaho (<https://www.uidaho.edu/governance>), I believe that university employees were appropriately involved in the decision to affiliate with the University of Phoenix as determined by existing University of Idaho policies.

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT BOXES FOR ADDITIONAL COMMENT]

6. ***Based on my current understanding, I believe that the affiliation with the University of Phoenix will positively impact my unit.***

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT ENTRY BOX TO EXPLAIN HOW]

7. ***Based on my current understanding, I believe the affiliation with the University of Phoenix will negatively impact my unit.***

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT ENTRY BOX TO EXPLAIN HOW]

8. ***What information or explanation would be helpful to you in understanding the implications of the University of Phoenix affiliation for your unit?***

9. ***The University of Idaho's affiliation with the University of Phoenix will protect the University of Idaho as we approach the projected decreases in enrollment based on demographic shifts (i.e., the "enrollment cliff").***

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT ENTRY BOX TO EXPLAIN HOW]

10. Based on my current understanding, I believe the University of Idaho's affiliation with the University of Phoenix will have a positive impact on the University of Idaho.

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT ENTRY BOX TO EXPLAIN HOW]

11. Based on my current understanding, I believe the University of Idaho's affiliation with the University of Phoenix will have a negative impact on the University of Idaho.

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
Unsure

[TEXT ENTRY BOX TO EXPLAIN HOW]

12. The [FAQ](#) was helpful in answering my questions about the affiliation.

Strongly Disagree
Somewhat Disagree
Neutral
Somewhat Agree
Strongly Agree
I did not read the FAQ

13. What recommendations do you have for improving the FAQ?

14. Moving forward, on which topics related to the affiliation would you like to give input?

15. I see the following as potential benefits of this affiliation (please specify if selected):

Financial (TEXT BOX FOR ADDITIONAL COMMENTS)

Student (TEXT BOX FOR ADDITIONAL COMMENTS)

Faculty (TEXT BOX FOR ADDITIONAL COMMENTS)

Staff (TEXT BOX FOR ADDITIONAL COMMENTS)

Outreach (TEXT BOX FOR ADDITIONAL COMMENTS)

Institutional (TEXT BOX FOR ADDITIONAL COMMENTS)

Other (TEXT BOX FOR ADDITIONAL COMMENTS)

16. I see the following as potential concerns of this affiliation:

Financial (TEXT BOX FOR ADDITIONAL COMMENTS)

Student (TEXT BOX FOR ADDITIONAL COMMENTS)

Faculty (TEXT BOX FOR ADDITIONAL COMMENTS)

Staff (TEXT BOX FOR ADDITIONAL COMMENTS)

Outreach (TEXT BOX FOR ADDITIONAL COMMENTS)

Institutional (TEXT BOX FOR ADDITIONAL COMMENTS)

Other (TEXT BOX FOR ADDITIONAL COMMENTS)

17. What else would you like to share with Faculty Senate about your thoughts regarding the University of Idaho and University of Phoenix affiliation?

18. What remaining questions do you have about the University of Phoenix affiliation?

19. What is your primary role at the University of Idaho?

Staff

Faculty

Other_____

Choose not to answer

20. What is your primary campus location?

Moscow

Coeur d'Alene

Boise

Idaho Falls

Twin Falls

Extension center

Choose not to answer