

ENGINEERING FACULTY COUNCIL, January 19, 2021 11:00 a.m. – 1:00 p.m.

Meeting Minutes – Rob Kunz Secretary.

Zoom (all materials in Box)


1. Permission to record? – approved
2. Approval of minutes for the meeting of December 8, 2020 – no discussion, approved
3. Chair Report – Agenda (see Appendix) re-ordered from normal in order to give time for discussion
4. Deans Report – Peter Butler – Presented and discuss University applications and admissions (see Appendix). COE is strongly pushing more aggressive approach to Graduate recruiting. Applications down slightly, but admits are up (see Appendix). University task force commissioned by faculty senate for SP21 alternative grading - will be recommending its continuation – senate will vote on soon.
5. Update from Undergraduate Studies Committee - Gary Gray (proposals in Box)
 - CE402 – new course proposal – concerns that only CivE consults – but instructor argued that focus of coverage ensures likely only CivE students would take it. No vote – send back for further consultation.
6. Update from Graduate Studies Committee – Mehdi Kiani
 - AERSP 577 – new course proposal – only one other department in BIOE consultation. Peter B points out that maybe we should ask departmental committees to ensure that several other departments are consulted before it goes to EFC. No vote – send back for further consultation.
 - CSE 582 – new course proposal – good consulting. 2nd pass after heard reset by grad school. Vote – approved.
 - ESC 562 – new course proposal – several relevant consults. Alok observes that some consults are not approved by department heads but rather by individual faculty members (SMEs). Shelly justifies in terms of electives vs core required courses. Vote – approved.
 - FEM_MENG – MEng program drop proposals due to very low enrollment. Puneet observes the drop proposal needs more formatting related to Grad Bulletin to be satisfactory to Grad Council. Vote – approved.
7. Update from Engineering Technology Committee - Ram Rajagopalan
 - No new proposals

8. Faculty Equity Discussion – Tonya Peeples – focus group meetings with faculty – leadership team in college – Shelly S has come into Deans office as an Assistant Dean of Equity and Inclusion. Shelly presented slides summarizing COE activities in this area (see Appendix). Lots of discussion on effectively engaging faculty.
9. Update from the Equity and Inclusion Committee – Shelley Stoffels – this agenda item was merged with item 8.
10. P&T update and discussion – Anthony Atchley – Time to get Nominating committee going; elections for faculty senate, graduate council and ombudsman. College is thinking in terms of “advancement” rather than just P&T – we are all one faculty. Long term looking at all faculty appointments – short term is looking at those currently in P&T system. 3 parts of P&T criterion: 1) expectations, 2) attributes, 3) assessment – cant rely on accounting – want to move away from this. How can we incorporate E, I & D. Equity issues related to C19. Dossiers will look different after C19. Question tenure extension in regards to whether faculty really need it vs. need it so their dossier can look like historical ones have. Cannot develop P&T criteria that have inherent EID biases. Need a cultural change at department level. Will need to have “something else” in Dossier if we are to advance EID issues and reward faculty who are successful in advancing them. Some disagreement whether the way Dossier/P&T reqts are defined are biased. Observation that AA never saw in a P&T review any value placed on faculty member’s contribution to community. Feb 21 deadline for Depts to get feedback to Dean on P&T.
11. Strategic Plan update and discussion – Anthony Atchley and Shelley Stoffels – SP drafts on Box available for review. Soft deadline end of month to get feedback to Dean’s office.
12. Update from planning committee - Shelley Stoffels – material was already covered above.
13. Update from Faculty Senate – Alok Sinha – has a Senior Council meeting and Senate meeting is on Jan 26. Provost spoke of vaccine. Uncertain if faculty at higher learning institutions will be tier 1. How teaching effectiveness will be assessed will be topic at senate meeting. Also to discuss is a Barnes and Noble proposal to provide students bundles of everything they need at beginning of semester.
14. Update from Graduate Council - Bo Cheng – grad applications up 8%. Dean for Graduate student affairs exploring formalized training for faculty who volunteer for the graduate student ombudsperson program which they aim to implement in for 2021. It was estimated back in December, there can be 40 to 50 students living

outside of the US in spring 2021 and the Graduate School has send a guidance to the individual graduate programs regarding 2021 spring stipend payment for these students. In December meeting the Graduate Council has approved a couple of proposed revisions to GCAC 606, 608, 610 for research PhD, and a couple of revisions to our professional doctoral degree program GCAC 706, 707, 708. In the January meeting will continue some discussion on research doctorate program and professional PhDs and they will be at least a vote on the residency requirement. Another note is that the Graduate Council has approved the membership for two ad hoc committee members on graduate faculty status and the covid 19 impact on graduate education.

15. Other business – Peter Butler mentioned we will be discussion the move away from BOX

Appendix



PennState
College of Engineering

ENGINEERING FACULTY COUNCIL

*Please update your name to include
the department, group, or position
you represent.*

Such as: Jeff Chiampi, ETCE

January 19, 2021

AGENDA

1. Permission to record
2. Approval of minutes
3. Chair Report
4. Deans Report
5. Undergraduate Studies Committee
6. Graduate Studies Committee
7. Engineering Technology Committee
8. Faculty Equity Discussion
9. Faculty Equity and Inclusion Committee
10. P&T Update & Discussion
11. Strategic Plan Update & Discussion
12. Update from Planning Committee
13. Update from Faculty Senate
14. Update from Graduate Council
15. New Business

The full agenda is on Box

Term Grouping: ☐ Summer ☒ Fall ☐ Spring

Academic Year 1: 2021 Academic Year 2: 2020

Snapshot Date 1: 01/19/2021 Snapshot Date 2: 01/19/2020

Campus Grouping: ☒ Commonwealth Campuses ☒ University Park ☒ World Campus

Campus: --Select Value--

Degree Type Code: ☐ ASSOCIATE ☒ BACHELORS

Academic Program: --Select Value--

Academic Plan Code: --Select Value--

Admit Type Code: ☒ FYR ☐ TRN

UGRD First Gen: ☒ N ☒ Y

Applicant IPEDS Race/Ethnicity Code: --Select Value--

Applicant Citizenship Country 1: --Select Value--

Residency - Citizenship: --Select Value--

Apply Reset

Fall Applications				Fall Admits				Fall Paid Accepts			
AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021
93,120	82,758	▲10,362	▲12.5%	45,325	48,995	▼-3,670	▼-7.5%	2,766	3,192	▼-426	▼-13.3%

Fall Paid Accepts - ALEKS (N/A for WC)				Fall Paid Accepts - NSO Registered (N/A for WC)				Fall Paid Accepts - Enrolled			
AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021
264	2,466	▼-2,202	▼-89.3%	1	5	▼-4	▼-80.0%	0	0	0	0%

UG Admissions Paid Accepts - AY1 UG Admissions Paid Accepts - AY2

UG Paid Accepts Enrolled - AY1 UG Paid Accepts Enrolled - AY2

Term Grouping: ☐ Summer ☒ Fall ☐ Spring

Academic Year 1: 2021 Academic Year 2: 2020

Snapshot Date 1: 01/19/2021 Snapshot Date 2: 01/19/2020

Campus Grouping: ☐ Commonwealth Campuses ☒ University Park ☐ World Campus

Campus: --Select Value--

Degree Type Code: ☐ ASSOCIATE ☒ BACHELORS

Academic Program: Engineering

Academic Plan Code: --Select Value--

Admit Type Code: ☒ FYR ☐ TRN

UGRD First Gen: ☒ N ☒ Y

Applicant IPEDS Race/Ethnicity Code: --Select Value--

Applicant Citizenship Country 1: --Select Value--

Residency - Citizenship: --Select Value--

Apply Reset

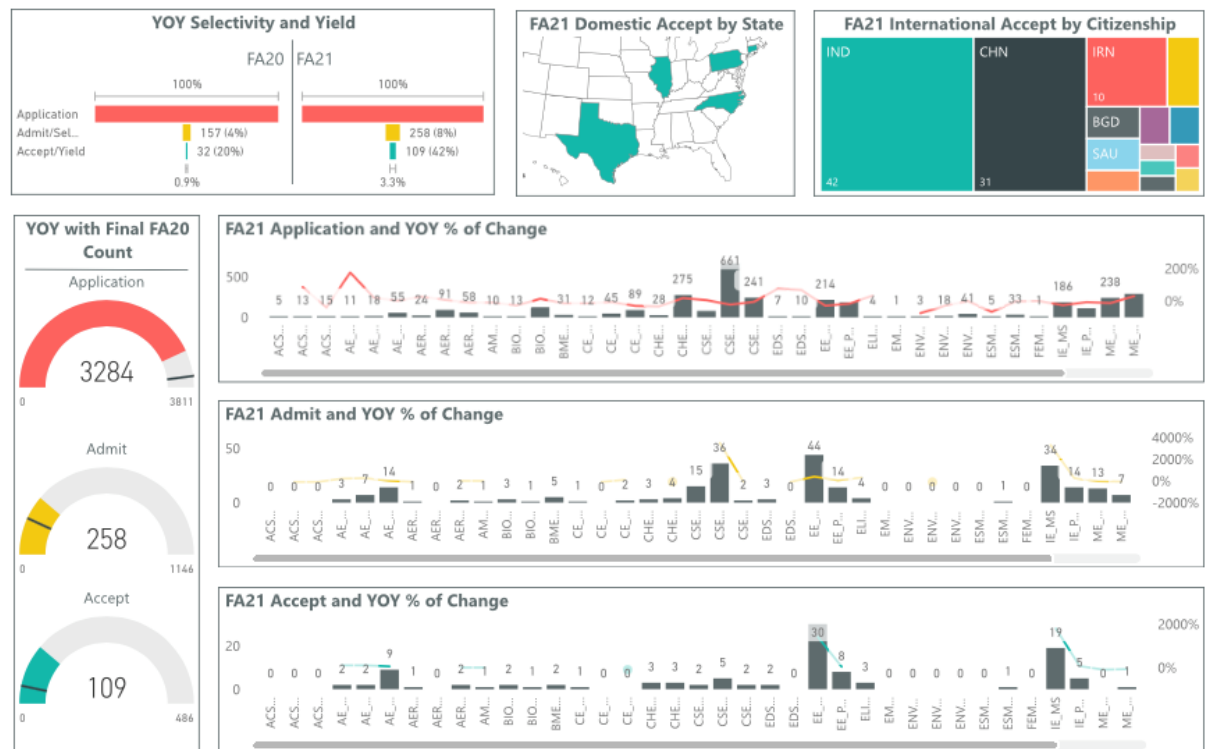
Fall Applications				Fall Admits				Fall Paid Accepts			
AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021
13,721	12,467	▲1,254	▲10.1%	5,583	6,517	▼-934	▼-14.3%	244	306	▼-62	▼-20.3%

Fall Paid Accepts - ALEKS (N/A for WC)				Fall Paid Accepts - NSO Registered (N/A for WC)				Fall Paid Accepts - Enrolled			
AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021	AY1 2021	AY2 2020	Change 2020 to 2021	% Change 2020 to 2021
47	218	▼-171	▼-78.4%	1	0	▲1	100%	Searching... To cancel, click here .			

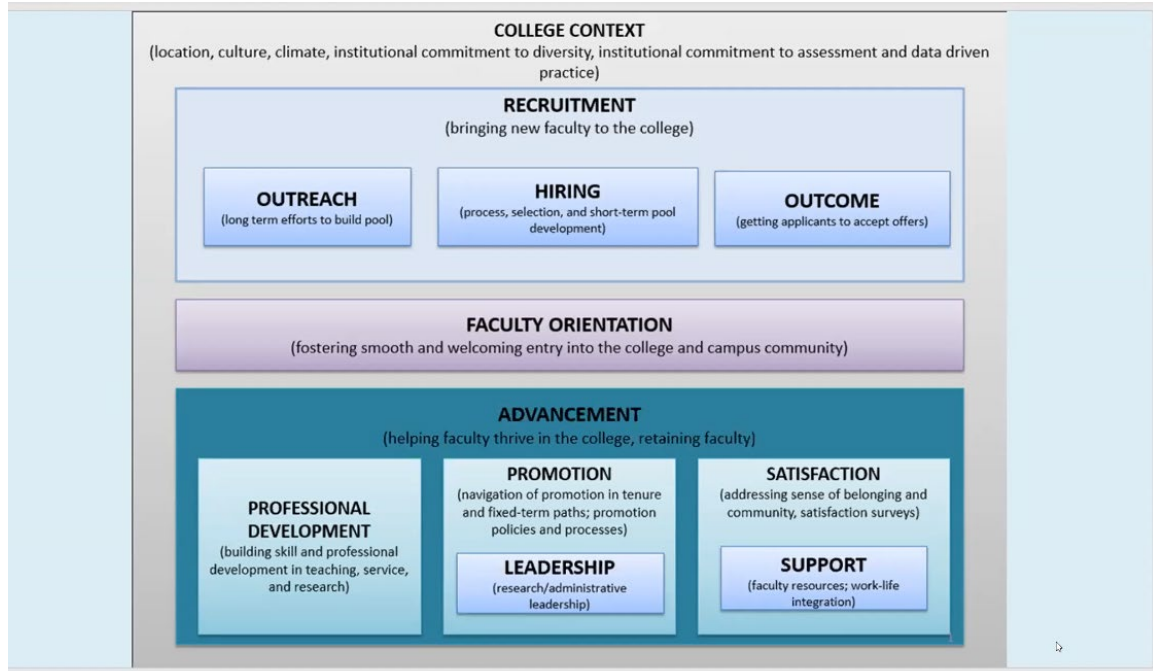
UG Admissions Paid Accepts - AY1 UG Admissions Paid Accepts - AY2

UG Paid Accepts Enrolled - AY1 UG Paid Accepts Enrolled - AY2

FA20 vs FA21 Year-Over-Year CoE Graduate Admissions



Engineering Equity, Excellence, Impact Initiative





- What are the strongest/most effective strategies, policies, and/or programs that we have regarding faculty advancement?
- Where has our college struggled, missed opportunities, or faced challenges regarding faculty advancement?

ASEE, 2020 <https://edge.asee.org/self-assessment-tool/>



Framework to have more conversations focused on those two questions to further identify:

- Roses = What we do well
- Thorns = What we are doing poorly or not at all
- Buds = identified potential, opportunities for growing something good

Utilize a mix of asynchronous/anonymous feedback mechanisms as well as smaller affinity group discussions:

- Small group discussions
- Asynchronous portal collaboration
- Survey
- Individual conversations

jloiplkh

How can we engage all faculty?

- What would motivate you and your (busy) colleagues to participate?
- What are the barriers to participation?
 - Time?
 - Will it make a difference?
 - Will it affect them?
 - Concern about retribution?
- Department presentations by EEI volunteers
- EFC role?