

UNIVERSITY COUNCIL MEETING

November 16, 2015

3:00 p.m.

1045 Pamplin Hall

AGENDA

1. Adoption of Agenda Dr. Thanassis Rikakis

2. Announcement of approval and posting of minutes of November 2, 2015 Dr. Thanassis Rikakis

These minutes have been voted on electronically and will be posted on the University web.

3. Old Business Dr. Thanassis Rikakis

Commission on Undergraduate Studies and Policies Dr. Gena Chandler-Smith
Resolution CUSP 2015-16A
Resolution to Adopt a New Undergraduate Honor Code

Commission on Faculty Affairs - Deferred (first reading: November 2, 2015) Dr. Montasir Abbas
Resolution CFA 2015-16B
Resolution on Shared Governance

4. New Business Dr. Thanassis Rikakis

Commission on Faculty Affairs Dr. Montasir Abbas
Resolution CFA 2015-16C
Resolution to Establish the Academy of Faculty Leadership

5. Announcement of acceptance and posting of Commission Minutes Dr. Thanassis Rikakis

These minutes have been accepted for filing by electronic vote and will be posted on the University web. Note that the purpose of voting on Commission minutes is to accept them for filing. University Council By-laws require that policy items be brought forward in resolution form for University Council action.

Commission on Administrative and Professional Faculty Affairs
October 14, 2015

Commission on Equal Opportunity and Diversity
October 19, 2015

Commission on Graduate Studies and Policies
October 21, 2015

Commission on Outreach and International Affairs
October 15, 2015

Commission on Staff Policies and Affairs
September 22, 2015

Commission on Undergraduate Studies and Policies
October 26, 2015

6. Presentation Dr. Scot Ransbottom
Two-Factor Authentication

7. Adjournment Dr. Thanassis Rikakis

University Council Minutes
November 16, 2015
3:00 PM
1045 Pamplin Hall

Present: Thanassis Rikakis (presiding), Jack Lesko for Richard Benson, Lay Nam Chang, Cyril Clarke, Jack Davis, Dennis Dean, Karen DePauw, Gerhardt Shurig for Guru Ghosh, Stephen Kleiber for Alan Grant, Scot Ransbottom for Scott Midkiff, Kim O'Rourke, Angela Hayes for Charles Phlegar, Hunter Gresham for Patricia Perillo, Dwight Shelton, Elizabeth Spiller, Tom Tillar, Tyler Walters, Angela Kates for Sherwood Wilson, Paul Winistorfer, John Ferris for Montasir Abbas, Jan Helge Bøhn, Gena Chandler-Smith, Mikey Erb for Jacquelyn Fisher, Saul Halfon, Edward Lener, Jennifer Nardine, Alex Parrish, Alex Fritz for Susan Volkmar, Randolph Wynne, Deborah Smith for Susan Anderson, Richard Ashley, Joe Merola, Corinne Noirot, Christopher Beattie, Kathrine Carter, David Dillard, Tom Inzana, Paul Herr, Joan Hirt, Lisa Kennedy, David Dugas for Nathan King, Ana Agud, Judy Alford, Stacey Poertner, Sue Teel, Tom Tucker, Sally Wieringa, Brett Besag, Raifu Durodoye, Kyrille Goldbeck DeBose, Alphonso Garrett, Michael Martin, Matthew Chan, Homero Murzi, Greg Purdy for Tara Reel, Stephen Hensell, Olivia Javornik, Andrew O'Sullivan, Warren Nooger, Tanushri Shankar, Dan Cook, Rami Dalloul, Mohammed Seyam

Absent: Tim Sands (with notice), Robert Sumichrast, Andrew Tevington, Robert Bush, Anita Puckett, Susanna Rinehart, Lynn Short, Marwa Abdel Latif, Tara Shockley, Danny Strock, Morgan Sykes

Guests: Lori Buchanan, Rachel Holloway, Sandra Muse, April Myers, James Orr, Rick Sparks, David Travis

Dr. Rikakis called the meeting to order at 3:00 p.m. A quorum was present.

1. **Announcement**

Dr. Rikakis made mention of the events that happened in Paris and expressed his deepest regrets and sympathies towards those affected by this tragedy. He indicated that all Virginia Tech employees and students who are abroad are accounted for.

2. **Adoption of Agenda**

A motion was made and seconded to adopt the agenda. The motion carried.

3. **Announcement of approval and posting of minutes of November 2, 2015**

Dr. Rikakis noted that these minutes have been voted on electronically and can be publicly accessed on the Governance Information System on the Web (<http://www.governance.vt.edu>).

3. **Old Business**

Commission on Undergraduate Studies and Policies

Resolution CUSP 2015-16A

Resolution to Adopt a New Undergraduate Honor Code.

Dr. Gena Chandler-Smith presented the resolution for second reading and made a motion to approve. The motion was seconded and the motion passed.

5. New Business

Commission on Faculty Affairs

Resolution CFA 2015-16C

Resolution to Establish the Academy of Faculty Leadership.

Dr. John Ferris presented the resolution for first reading. This resolution will establish an Academy of Faculty Leadership in order to recognize the exemplary leadership among the faculty at Virginia Tech.

6. Announcement of Approval and Posting of Commission Minutes

These minutes have been voted on electronically and will be posted on the University web (<http://www.governance.vt.edu>). Note that the purpose of voting on Commission minutes is to accept them for filing. University Council By-laws require that policy items be brought forward in resolution form for University Council action.

- Commission on Administrative and Professional Faculty Affairs
October 14, 2015
- Commission on Equal Opportunity and Diversity
October 19, 2015
- Commission on Graduate Studies and Policies
October 21, 2015
- Commission on Outreach and International Affairs
October 15, 2015
- Commission on Staff Policies and Affairs
September 22, 2015
- Commission on Undergraduate Studies and Policies
October 26, 2015

7. Presentation

Dr. Scot Ransbottom gave a presentation (attached) on two-factor authentication.

8. Adjournment

There being no further business, a motion was made to adjourn the meeting at 3:56 p.m.

Two-Factor Authentication Update

J. Scot Ransbottom

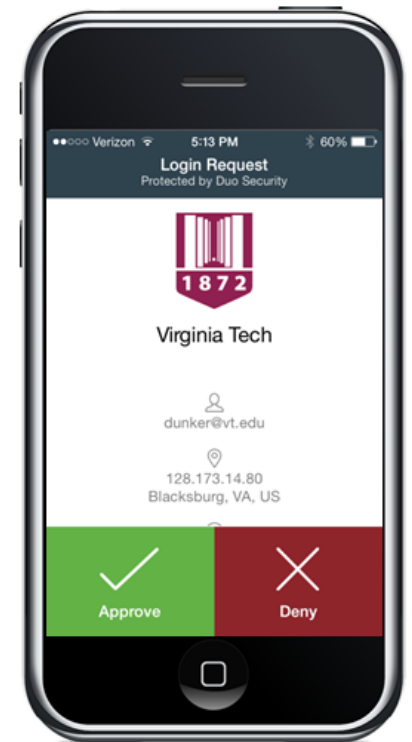
Deputy Chief Information Officer & IT Chief of Staff
Office of the Vice President for Technology and CIO
Virginia Tech
ransbottom@vt.edu

November 16, 2015

IT security is more important than ever. *Two-factor authentication* will be a significant step forward, but it is far from all we need to do.

“**Two-factor authentication** (also known as **2FA**) is a technology patented in 1984 that provides identification of users by means of the combination of two different components. These components may be something that the user knows, something that the user possesses or something that is inseparable from the user.”
[https://en.wikipedia.org/wiki/Two-factor_authentication, accessed 11/3/2015]

We need to move from two-factor authentication being the exception to the norm and one-factor authentication being the exception.



The mantra is “*Everyone, Everything.*”

How do we get there? Can we get there?

- ❑ We do not expect to get all the way to “*Everything,*” but we need to make two-factor the default and one-factor the exception
- ❑ New “Login” authentication service supports two-factor authentication
 - Offers option to register devices (deferred use of two-factor)
- ❑ The transition requires collaboration across the university
 - Central IT – Protect central IT’s most critical data and resources and be a model
 - Rules of engagement – For any unit connecting to critical systems in central IT
 - University policy – In collaboration with data trustees and driven by data sensitivity and criticality of resources
 - Best practices – Facilitating adoption, maintaining usability, understanding data sensitivity

We need to focus on university priorities.

Urgency	CAS	Windows	Other
High	<ul style="list-style-type: none"> • Central IT CAS applications 	<ul style="list-style-type: none"> • Accounts with elevated privileges 	
Medium	<ul style="list-style-type: none"> • Other CAS applications 	<ul style="list-style-type: none"> • Web applications • Servers with sensitive data 	<ul style="list-style-type: none"> • VPN
Low		<ul style="list-style-type: none"> • Other servers • Desktops 	<ul style="list-style-type: none"> • Other

The timeline has to be adaptive, especially for later transitions.

- ❑ All SAML-based services redirected to new Login service on November 9, 2015
 - External and internal federated services
 - Registration of two-factor device(s) can be deferred, for now
- ❑ IT's Windows servers for passwords and file shares are being secured with two-factor, expected by end of 2015
- ❑ Planning for migration of Enterprise applications is underway
 - Hokie SPA is actively being tested
- ❑ Testing is available for departmental web-based applications
 - IT staff will help with technical changes and communication
- ❑ Anticipated date for all web-based services to require two-factor is July 2016

Communications is very important.

- ❑ Daily news email – Multiple notices to date
- ❑ Two-Factor Showcases – People can walk in and get help enrolling their devices
 - First showcase is on November 16
 - Others are being scheduled.
- ❑ Two-factor Town Halls – First town hall meeting is December 17

Our IT security environment continues to evolve.
Two-factor authentication is a significant step forward.