1. **Adoption of Agenda**
   
   Dr. Timothy Sands

2. **Announcement of approval and posting of minutes of November 28, 2016**
   
   These minutes have been voted on electronically and will be posted on the University web.
   
   Dr. Timothy Sands

3. **Presentation**
   
   Campus Master Plan
   
   Mr. Jason Soileau

4. **Old Business**
   
   Commission on Graduate Studies and Policies
   
   Resolution CGSP 2016-17E
   
   Dr. Sally Paulson
   
   Commission on Undergraduate Studies and Policies
   
   Resolution 2016-17C
   
   Dr. Dean Stauffer
   
   (Deferred at the November 14, 2016, University Council meeting)
   
   Resolution for the Establishment of a School of Plant and Environmental Sciences at Virginia Tech
   
   Commission on Undergraduate Studies and Policies
   
   Resolution CUSP 2016-17D
   
   Dr. Dean Stauffer
   
   Resolution to Establish a Bachelor of Science Degree in Biomedical Engineering

5. **Announcement of acceptance and posting of Commission Minutes**
   
   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 Outreach and International Affairs
   
   October 27, 2016
   
   Dr. Timothy Sands

6. **Adjournment**
   
   Dr. Timothy Sands
University Council Minutes
December 5, 2016
3:00 PM
1045 Pamplin Hall


Absent: Cyril Clarke (absent with notice), Michael Friedlander (with notice), Steve McKnight, Menah Pratt-Clarke, Paul Winistorfer, Hans Robinson, Bryan Brown, Anita Puckett, Jennifer Brill, Kathrine Carter, Paul Herr, Nathan King, Judy Alford (with notice), Tracey Drowne, Teresa Lyons, Lynn Short, Tom Tucker, Nicole Johnson, Chelsea Corkins (with notice), Brett Netto, Perston Huennekens, & Julia Billingsley

Guests: Erik Ervin, Jack Finney, Rachel Gabriele, Mary Kasarda, Chris Kiwus, April Myers, Jason Soileau, & Pamela VandeVord

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

1. Adoption of Agenda

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

2. Announcement of approval and posting of minutes of November 28, 2016

Dr. Sands 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. Presentation

Mr. Jason Soileau gave a presentation on the University Master Plan (attached).

4. Old Business

Commission on Graduate Studies and Policies
Resolution CGSP 2016-17E

Commission on Undergraduate Studies and Policies
Resolution CUSP 2016-17C

Resolution for the Establishment of a School of Plant and Environmental Sciences at Virginia Tech (Deferred at the meeting of University Council on November 14, 2016)
Dr. Sally Paulson presented the resolution for second reading and made a motion to approve. Dr. Rikakis had a meeting with the college deans on December 1, 2016, to discuss this resolution. There was an agreement to add the last whereas clause to the resolution.

A friendly amendment was made to correct a grammatical error in the fifth whereas clause. The word “collaboration” was omitted after the word “interdisciplinary.”

A vote was taken and the motion to approve the resolution passed.

Commission on Undergraduate Studies and Policies
Resolution CUSP 2016-17D
Resolution to Establish a Bachelor of Science Degree in Biomedical Engineering

Dr. Dean Stauffer presented the resolution for second reading and made a motion to approve. The motion was seconded, and the motion passed.

5. 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 Outreach and International Affairs
  October 27, 2016

6. Adjournment

There being no further business, a motion was made to adjourn the meeting at 3:38 p.m.
Contextual Background
Historically applied design standards and principles help to create a strong “Sense of Place”
Identify, Create and Enhance
Spaces for Experiential Learning and Engagement

Project Summary / Overview

Respect the Past...

Impact the Present...

Provide a Vision For The Future!

Only a Land Grant University with a spirit of Service...

like that embedded at Virginia Tech can evolve to create the

VT-Shaped Student!
Part A: Blacksburg Campus – Traditional Master Plan

Part B: Blacksburg Campus – Additional Planning Studies
• Space Study
• Student Life Initiatives
• Creativity and Innovation District
• Infrastructure

Part C: Roanoke Campus

Part D: National Capital Region

Part E: Added Scope Items
• AREC Study
• Destination Area Facilities Program Facilitation
  • Intelligent Infrastructure & Human Centered Communities
  • Integrated Security

Virginia Tech Campus Master Plan

Scope of Work
**Master Plan Schedule**

<table>
<thead>
<tr>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY</td>
<td>JUN</td>
</tr>
<tr>
<td>1</td>
<td>INVENTORY ANALYSIS</td>
</tr>
</tbody>
</table>

- **BLACKSBURG CAMPUS**
  - SPACE STUDY
  - STUDENT LIFE + INNOVATION DISTRICT
  - ROANOKE CAMPUS

- NATIONAL CAPITAL REGION

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**BEYOND BOUNDARIES**

A Vision for the Campus of the Future
VT-Shaped Discovery

- VT SHAPED STUDENTS
- INTERDISCIPLINARY TEAMS
- PURPOSE-DRIVEN AND PERSON-CENTERED CURRICULUM

The VT student of 2047 learns by doing, creating, and engaging, service to humanity, and does so not in isolation or as an academic exercise but rather with the support of a community.

Communities of Discovery

- INTEGRATIVE INNOVATION HUBS
- HUMAN-CENTERED SMART ENVIRONMENTS
- EXPERIENTIAL LEARNING SPACES
- PLACES FOR PRODUCTIVE COLLISIONS
- INFORMATION & COMMUNICATIONS CONNECTIVITY
- MOBILITY
Nexus of Discovery

- Global Outlook
- Distributed University Structure
- Living Laboratory
- Partnerships
- Destination Areas

VT Experience

Existing Limitations

- Disparity in quality of campus life spaces across the campus
- Physical segregation among residential districts and populations
- Lack of spaces to engage students, faculty, and staff outside of the classroom
- Limited investment in campus life spaces, especially for the commuting population
**Topography**
CORE CAMPUS TERRAIN & RELIEF

- 124' elevation change from core HP to L.P.
- Dritfield = 38' of grade change among length
- Alumni Mall = 14' of grade change

**Slopes**
CORE CAMPUS

- Steep slopes persist throughout campus and are a barrier to accessibility
Natural Divisions

OBSERVATIONS

Slopes and stairs require climbing能力和双臂。Take the long, slow or go indoors and use elevators.

Man Made Divisions

OBSERVATIONS

Main Campus Drive

Street and Streetview

Brickyard and Parking and Gymnastics

Reconstruction and Access Wall
**Landscape Types**

**DRILLFIELD (15%)**

**CHARACTERISTICS**
- Single most iconic VT open space
- Historic lawn lined with a slope and mature trees
- Used since 1894 for cadet maneuvers, demonstrations, events, and passive open space
- Drillfield Master Plan adds active components

**ISSUES**
- Very large land area requires constant maintenance and upkeep
- Edge condition and steep slopes
- Desire lines and cow paths
- Events and functions, and their associated maintenance needs

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**Agricultural Research Land**

**CAMPUSWIDE LANDHOLDINGS**
Watersheds

13 total watersheds on campus. Varying degrees of pervious/impervious surfaces in each.

Stormwater System

100 year floodplain reaches into the Drillfield and North Academic District along Strooples Creek.
60% of the current trips to campus are made by vehicle

Goal to reduce vehicle trip and continue to track mode split and progress
Pedestrian Environment

Bike Environment
Vehicular Environment

Service & Parking Environment
Transit Environment

BLACKSBURG + ROANOKE
COMMUNITY

Community

[Images of groups of people]
Most student life facilities are easily accessed from the residential core.
Historically, the academic mission has always been reflected in the physical makeup and character of the campus. Virginia Agricultural and Mechanical College was founded in 1872 as the state's premier land grant institution. Its proximity to downtown was always an advantage.

**1900s**

1. Campus Core
2. Athletics Field
3. Library
4. Faculty Residences
5. Agricultural Hall
6. Student Activities Bldg
7. Gardens

Virginia Agricultural and Mechanical College was founded in 1872 as the state's premier land grant institution. Its proximity to downtown was always an advantage.
After WWII, there were significant campus infill projects for academic and student housing growth.
Today, the physical campus has the opportunity to reflect the values of the University’s mission, Beyond Boundaries, with strategic growth.
Discussion Questions...

It is important to maintain the “Virginia Tech Experience” through physical development of the physical campus. What does this mean to you?

What are some unique Virginia Tech traditions, and how should these traditions be facilitated and celebrated through development of the physical campus?

Discuss the value, emotion, and/or memories elicited by the following spaces:

- Drillfield
- Duckpond
- Dietrick Lawn
- Henderson Lawn
- Other

How might the Alumni Center be integrated into campus life through development of the physical campus?

How important is a robust and dynamic university commons (union) and how might such a facility be used to engage the broader community and alumni?

How might public art be integrated into the physical campus in a meaningful way, and how might this be utilized to celebrate the “Virginia Tech Experience?”