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.
Virginia Tech MASTER PLAN

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

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>MAY</td>
</tr>
<tr>
<td>JUN</td>
<td>JUN</td>
</tr>
<tr>
<td>JUL</td>
<td>JUL</td>
</tr>
<tr>
<td>AUG</td>
<td>AUG</td>
</tr>
<tr>
<td>SEP</td>
<td>SEP</td>
</tr>
<tr>
<td>OCT</td>
<td>OCT</td>
</tr>
<tr>
<td>NOV</td>
<td>NOV</td>
</tr>
<tr>
<td>DEC</td>
<td>DEC</td>
</tr>
<tr>
<td>JAN</td>
<td>JAN</td>
</tr>
<tr>
<td>FEB</td>
<td>FEB</td>
</tr>
<tr>
<td>MAR</td>
<td>MAR</td>
</tr>
<tr>
<td>APR</td>
<td>APR</td>
</tr>
<tr>
<td>MAY</td>
<td>MAY</td>
</tr>
<tr>
<td>JUN</td>
<td>JUN</td>
</tr>
<tr>
<td>JUL</td>
<td>JUL</td>
</tr>
<tr>
<td>AUG</td>
<td>AUG</td>
</tr>
<tr>
<td>SEP</td>
<td>SEP</td>
</tr>
<tr>
<td>OCT</td>
<td>OCT</td>
</tr>
<tr>
<td>NOV</td>
<td>NOV</td>
</tr>
<tr>
<td>DEC</td>
<td>DEC</td>
</tr>
</tbody>
</table>

1. **Inventory + Analysis**
2. **Concept Plan Alternatives**
3. **Master Plan Development**
4. **Public Comment**
5. **Final Plan**

- **Blacksburg Campus**
  - Space Study
  - Student Life + Innovation District
- **Roanoke Campus**
- **National Capital Region**

---

**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
Natural Divisions

Observations:
Slopes and stairs require non-slip boiled 
socks. Take the long climb or go indoors 
and use elevators.

Man Made Divisions

Observations:
Main Campus Drive
Student Union
Brickyard Road Parking and Dining Area
Reynolds Campus Connector/Access Mall
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

Agricultural Research Land
CAMPUSWIDE LANDHOLDINGS

Urban Agriculture Center
Moore Farm
APC

Crop
Pasture
Scientific Land Use
Livestock Management
Livestock Facilities
Housing
Teaching & Research
Turfgrass

Old Dairy
(Agriculture)
Watersheds
STORMWATER FLOW
13 total watersheds on campus. Varying degrees of pervious/impervious surfaces in each.

Stormwater System
FLOODPLAIN, RIPARIAN ZONES, & BMPs
100 year floodplain reaches into the Drillfield and North Academic District along Shirrables 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
Student Life Connectivity
FACILITY TYPES & WALKING DISTANCES

Buildings that include student life facilities:
- Student Recreation Center
- Johnson Student Center
- Lamont Hall
- University Library
- Student Life Center
- Odegaard Library
- McCaw Hall
- Veterinary Medical
- Southgate

Dining Facilities
Student Centers
Rec Centers
Residential
Student Centers/Residential

Pedestrian saunter at campus gateway

Most student life facilities are easily accessed from the residential core

Residential Neighborhoods
DISTRIBUTION OF COMMUNITIES

Upper Quad
New Construction
Under Construction
President's Quad
President's Quad
Campus Quad
Hillcrest
Summit Quad
Prairie Quad

12/12/2016
LEGACY

Campus Milestones
HISTORIC TIMELINE


http://td/bt/
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...
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?”