FACILITIES PLANNING
INTEGRATED PLANNING

• A collective effort to support and implement the Strategic Plan
• A coordinated approach to college development
• A new culture of planning for the college
WHAT IT IS

• A thorough evaluation of the built environment
• A review of how existing spaces are used and how efficiently
• A foundation to inform future college growth

WHY IT IS

• Noted in the 2015 accreditation report
• A way to identify project needs
• A methodology to prioritize projects
PHASE I: EXISTING CONDITIONS

- Assess all PCC-owned facilities and infrastructure
- Complete early 2018
PHASE II: COLLEGE DEVELOPMENT

• Incorporate Academic and Student Affairs Planning
• Evaluate growth capacity at campuses and centers
• Identify possible development opportunities and partnerships
• Inform potential future bond measures
## WORK GROUP MEMBERS

### CAPITAL PROJECTS
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- Rebecca Ocken
- Gary Sutton
- Tony Ichsan
- Zahava Jones

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- Tricia Brand
- Ken Dodge
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### SUSTAINABILITY
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- Laura Ward
- Julie Mast
- Alyson Lighthart
- Elaine Cole
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CAPITAL PROJECTS

PCC 2017 November bond proposal is a $175 million renewal bond with three areas of focus:

WORK FORCE TRAINING
• Metropolitan Workforce Training Center
• Instructional Capital Equipment

HEALTH PROFESSIONS TRAINING AND STEM
• Sylvania’s Health Technology Building
• Health Interprofessional Training

SAFETY, SECURITY, ADA
• Extend Lifespan of Facilities
• Information Technology Upgrades
• Safety and Security Upgrades
• Safety, ADA and Transit Needs
• Cascade Public Safety Building
• Rock Creek Child Development Center
• Facilities Planning
SPACE UTILIZATION
TYPES OF SPACES INCLUDED IN THE STUDY

**General Administrative Space**
- Offices
- Conference rooms
- Support spaces

**Academic Administrative Space**
- Offices
- Conference rooms
- Support spaces

**Regularly Scheduled Instructional**
- Classrooms
- Teaching Labs

**Event Space**
- Meeting rooms
- Assembly spaces

**Student Support Space**
- Community space
- Student service space
- Tutoring space
- Advising offices
SPACE UTILIZATION

There are 429 formal instructional spaces across all 4 campuses. Sylvania has the most (36%); Southeast the least (14%).

Number of Rooms by Campus

Number of Rooms by Building on Campus
SPACE UTILIZATION

Subject Areas by Campus

Cascade

Rock Creek

Southeast

Sylvania
FACILITIES CONDITION ASSESSMENT

Assess all PCC-owned properties identifying elements needing maintenance, repair, modernization or significant investment to determine building component lifespans and repair/replacement costs

FIRE & LIFE SAFETY
- Code issues

INTERIOR FINISHES
- Partition Condition
- Floor Condition
- Base Condition
- Ceiling Condition

DOORS
- Panel Condition
- Hardware Condition
- Clearances per code
- Rating

LANDMARKS, ART, VIEWSHEDS

MECHANICAL, ELECTRICAL, PLUMBING
- Area Served
- Code deficiencies
- System deficiencies
- Action to mitigate deficiency
- Code Violation
- Equipment condition
- Equipment life expectancy
- Maintenance
- Energy efficiency

SKYLIGHTS
- Condition
- Functionality
- Controls / function
- Sufficient light allowance

EXTERIOR ENVELOPE
- Wall finish material condition
- Soffit material finish condition
- Other finish conditions

ROOFING
- Membrane condition
- Roof penetration condition
- Flashing condition
- Roof drainage condition

ECOLOGICAL RESOURCES
- Canopy cover
- Environmental conservation zone
- Riparian value zones
- Wetland boundaries
INFORMATION TECHNOLOGY

• Inventory and assess existing technology infrastructure with a focus on fiber and copper topology, telecommunication rooms, and wireless access
• Evaluate classroom technology, lecture capture and video production
• Assess other technologies to support academic and operational uses
• Additional scope under consideration includes band-width utilization, redundancy, and disaster recovery

SAFETY & SECURITY

• Identify and assess existing electronic public safety systems including access control, mass notification, video surveillance, and intrusion
• Development of college-wide standards also under consideration
ADA

- Identify pathways from parking lots and bus hubs to building entrances
- Conduct interior building assessments

TRANSPORTATION & PARKING

- Review and update the 2012 TDM Plan
- Assess current parking and circulation needs, including parking lot maintenance, ADA parking, and electric vehicle charging
- Evaluate pedestrian and bicycle infrastructure
- Evaluate shuttle service
- Evaluate wayfinding
SUSTAINABILITY

- Energy and emissions
- College operations
- Construction and renovation
- Grounds and natural systems
- Health and well-being
- Education and culture
### PROJECT RANKING CRITERIA

<table>
<thead>
<tr>
<th>Experiential</th>
<th>Initial cost, energy savings, cost of ownership over the lifetime of the building</th>
<th>Environmental strategies contributing to overall health of place and planet</th>
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</thead>
<tbody>
<tr>
<td>Explore the value of the human experience and cultural attributes of the place</td>
<td>Intrinsic value</td>
<td>Carbon Emissions</td>
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<tr>
<td>Cultural significance</td>
<td>Residual value</td>
<td>Energy use</td>
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<tr>
<td>Architectural expression</td>
<td>Classroom utilization</td>
<td>Domestic water use</td>
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<td>Natural light</td>
<td>Resource consumption</td>
<td>Reuse potential</td>
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<tr>
<td>Fresh air</td>
<td>Replacement cost</td>
<td>Recycling/composting/waste</td>
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<td>Views</td>
<td>Cost to extend service life</td>
<td>Use of natural/local resources</td>
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<tr>
<td>Acoustic qualities</td>
<td>Total cost of ownership</td>
<td>Building as a teach tool</td>
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<tr>
<td>Universal Design</td>
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<td></td>
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</tbody>
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