GUIDING PRINCIPLES FOR THE MASTER PLAN

Concentrated academic core
Student engagement and campus experience
Polytechnic, learn-by-doing experience
Pedestrian oriented campus
Identity
Sustainability

CONTRIBUTORS AND OUTCOMES FOR THE GUIDING PRINCIPLES:

1. Concentrated academic campus
- Maximize core academic space within 10 minute walking zone
- Enable more direct pedestrian connections
- Strengthen academic and social connectivity
- Contain infrastructure
- Preserve the natural landscape and agricultural image
- Mixed-use

2. Student engagement and campus experience
- Increase opportunities for the polytechnic, learn-by-doing experience
- Active use and flexibility of outdoor spaces for social and academic purposes - campus as a classroom-classroom without walls
- Multipurpose meeting/events venue
- Academic support center
- Expand recreation wellness programs
- Replace community for traditional residences
- Home rooms for students, neighborhood, colleges
- Open lands for controlled University/community engagement: walking/running trails, places for quiet
- Clarity of campus organization
- Building on tradition – emphasize heritage
- One-stop shop for students, faculty, staff

3. Polytechnic, learn by doing experience
- Clear functional organization of colleges
- Spaces on campus for co-curricular and extra curricular projects
- Internship and co-op opportunities on the campus or immediately adjacent
- Dedicated, flexible research space on or near the academic core
- Neutral spaces for faculty and staff
- White space
- The wireless University- study spaces anywhere
- Academic- project based programs

4. Pedestrian oriented campus –
- Non motorized options and pathways
- Clarity of primary north-south and east-west pathway in the core campus and beyond
- Hierarchy of pathways
- Ad hoc and planned meeting places for social and academic connections
- Extend clear, safe, direct connections beyond the core academic campus
- Safety - reduced pedestrian/vehicular conflicts
- Reduce need or incentive for auto trips
- Discourage public, through-traffic on Kellogg Drive
- Commercial services, mixed-use development near campus

- Direct link shuttles
- Wayfinding

5. Identity
- State, regional, university district, campus, colleges, other
- Home rooms
- Open space association and programming
- Definable campus gateways that build on campus assets
- Good access and visibility for heritage spaces and places (view corridors, accessibility, visibility)
- Campus as an arboretum, labeling of agriculture open spaces
- Build on assets

6. Sustainability
- No-build first option
- Re-develop, re-purpose existing space
- Build on previously developed sites- net zero open land development
- Establish energy budget for buildings and operations- net zero energy and GHG emissions
- Contain utilities infrastructure
- Enhance social and academic connections
- Reduce auto emissions
  - No-growth parking count
  - Concentrated, campus edge, multi-model parking
  - Utilization of physical resources – classrooms, labs, offices
  - Flexibility
  - Connect building occupants to ownership of energy/water consumption
  - Create a system of rewards