

**National Commission on the Next Level of Excellence: Panel on School of Engineering and Computer Science**

<b>Tier One Recommendations – Spring 2000</b>	<b>Outcomes – as of Fall 2004</b>
<p>1. Renovate and upgrade teaching labs and facilities. Estimated Cost: \$800,000</p>	<p><b><i>Achieved.</i></b> Since the Commission recommendations, the following labs have been renovated and upgraded and also several critically needed new labs have been added:</p> <ul style="list-style-type: none"> <li>• Mechatronics Laboratory, Khoury 101</li> <li>• Environmental Laboratory, Khoury 111</li> <li>• Materials Lecture/Laboratory, Baun 110</li> <li>• Materials Testing Laboratory, Baun 112</li> <li>• Microscopy Laboratory, Baun 114</li> <li>• Electric Circuits &amp; Energy Conversion, Baun 111</li> <li>• Electronics Testing &amp; Measurement, Baun 211</li> <li>• Cisco-Compaq Networking Laboratory, Baun 212 <u>New Lab</u></li> <li>• Embedded Systems &amp; Microcontroller, Baun 214</li> <li>• Hydraulics Laboratory - Hydraulics Lab Complex</li> <li>• Soil Mechanics Laboratory - Hydraulics Lab Complex</li> <li>• Technology Training Center - South Campus Room 111 <u>New Lab</u></li> <li>• Computer Science Student Laboratory - South Campus Room 113 <u>New Lab</u></li> <li>• Computer Science Research Laboratory - South Campus Room 113 <u>New Lab</u></li> <li>• Pete &amp; Judy Wallace Student Design - <u>New Lab</u></li> <li>• Felix Wallace Structures/Systems Laboratory - <u>New Lab</u> - partially equipped</li> <li>• Manufacturing/Construction Laboratory - <u>New Lab</u> - partially equipped</li> <li>• Computer Laboratory, Anderson 107</li> <li>• Senior Design Project Laboratory, Anderson 101</li> </ul> <p>In renovating these labs an estimated investment of \$850,000 has been made. Approximately 25% of these funds (\$200,000) came from University resources and the remaining were generated from external sources. External sources included fundraising, external research grants and equipment donations, e.g. Cisco Compaq Computer Networking Lab.</p>
<p>2. Build a new Technology Center to accommodate Computer Engineering, Computer Science and OISR. Estimated Cost: \$8,000,000</p>	<p><b><i>Not yet achieved.</i></b> Several sites were reviewed for the Pacific Technology Center; Raney Recreation Area between Wendell Phillips and the Main Gym along Stagg Way was selected. After seeking input from faculty, an initial building rendering and floor plan was completed. Input from potential industry supporters and the School's Dean's Council was</p>

**National Commission on the Next Level of Excellence: Panel on School of Engineering and Computer Science**

<b>Tier One Recommendations – Spring 2000</b>	<b>Outcomes – as of Fall 2004</b>
	<p>obtained. Based upon all of this some additions and modifications to the floor plans were made; and initial programming documents for the Center were completed. Naming opportunities were identified. Vigorous fund raising efforts, nationally and internationally, have been ongoing for several years and continued. So far \$430,000 has been raised. [OIT's (renamed, formerly OISR) facilities needs were met through the construction of a new building attached to the current Computer Center/Human Resources building rather than through a joint facility with Engineering.]</p>
<p>3. Fully fund Heyborne Leadership Center. Estimated Cost: \$2,000,000*</p>	<p><b><i>In progress.</i></b> Under the Heyborne Leadership Center, three major funding sources have been developed:</p> <ul style="list-style-type: none"> <li>• Heyborne Leadership Fund</li> <li>• Heyborne Leadership Scholarship</li> <li>• External funding to support research and scholarly activities</li> </ul> <p>Approximately - \$960,000 has been raised.</p>
<p>4. Establish endowed faculty positions. Estimated Cost: \$4,000,000*</p>	<p><b><i>Not being pursued or no longer relevant.</i></b> Due to other university priorities, this was not included in the University and School Capital Campaign. In response to the National Commission recommendation, we will still seek endowed faculty positions whenever we have potential donors who express interest.</p>

<b>Tier Two Recommendations – Spring 2000</b>	<b>Outcomes – as of Fall 2004</b>
<p>1. Endow Co-op Office and lab support. Estimated Cost: \$2,000,000*</p>	<p><b><i>In progress.</i></b> Plans are underway to seek \$2 million dollars for lab support and technology endowment. So far, \$600,000 has been raised. A plan is being developed to generate additional lab support for the School. Our goal is to develop an endowment of \$2 million dollars for this purpose by the end of the Capital Campaign. Since the Co-op Office is a student-services office, the probability of getting endowment for such activities is small. Nonetheless, to be responsive to the National Commission recommendation, when the opportunities present themselves, we will seek what support we can for this activity.</p>

November 2005

An asterisk (\*) appears by amounts that are considered to be endowments.