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**Regents System Goal A: Efficiency/Effectiveness/Seamlessness**

**Institutional Goal 1: Expand academic services for faculty, staff and students through development of new facilities and expansion of electronic services**

**Key Performance Indicator (D)**



the number of times individuals use the extractor for retrieval of information. Efficiency and effectiveness of decision making will be greatly enhanced with easy data access to the data at the unit level.

**Key Performance Indicator 5: Workflow projects**

**Data Collection:** Documentation of new workflow processes will be part of the next phase of the SunGardHE Banner implementation

**Targets:** “Workflow” is a tool that automates a business process so that business events trxt phase of the

(Indirect measure)

58%

2) % students  
reporting a focus in

**Key Performance Indicator 2: Synthesis of ideas and making judgments as measured by NSSE**

**Data Collection:** Results of the National Survey of Student Engagement (NSSE), a national standardized student survey examining educational practices as viewed by freshmen and seniors will be administered in 2008, 2009, and 2010 academic years. Scores are available for review each year

**Targets:** The target is to reach at least 75% of students reporting "quite a bit" or "very much" on at least one of the two items related to course work emphasizing synthesis and making judgments. WSU has decided to focus on the two vital areas: teaching synthesis of concepts and ideas and making judgments based on information. We expect to increase the percentage of responses in each these areas to 75 percent in three years but we have as our target that we must reach at least one. Any movement in NSSE scores is a stretch based on nationally reported information as well as the three previous administrations of NSSE at WSU.

**Key Performance Indicator 3: Improved performance on Senior Design Project**

**Data Collection:** The project is evaluated by departmental faculty and the Industrial Advisory Board using specific guidelines.

**Targets:** The target is to increase the average percentage achievement levels of Industrial and Manufacturing Engineering Seniors on this project by 10% over the next three years. The Senior Design Project is the culminating project where students demonstrate their engineering skills. The Engineering Dean sees this target as a stretch given the nature of the projects and the rigorous evaluation process.

**Key Performance Indicator 4:**

the sciences/mathematics (i.e. mathematics, biology, chemistry, computer science, geology and physics), and engineering	calendar years: 2002-2005 Math/Sciences: 147 Engineering:144	M/SC 2007 154 2008 162 2009 169 Eng 151 158 166		
The number of cooperative education and internship placements for engineering students	53% of undergraduates in engineering are doing an internship or cooperative education Calendar year 2005: 185 placements	By 2009, 45% increase in undergraduate placements in cooperative education experiences or internships. CY 2007: 213 CY 2008: 240 CY 2009: 268	307 placements of engineering students into cooperative education were made in 2008.	Target met
The number of Watkins Summer Fellowship	2 fellowships in 2006	2007: 4 fellowships 2008: 6 fellowships 2009: 8 fellowships	6 Watkins Fellowships were offered in summer 2008; 4 in biology and 2 in physics.	Target met
The number of retention scholarships awarded to mathematics, sciences and engineering students from the general scholarship fund.	Currently awards from the general scholarship fund are designated as recruitment scholarships rather than retention scholarships and are awarded only for the first year.	\$1000 retention scholarships will be given to sophomore, junior, and senior math/science and engineering based on the following counts: 2007: 50 students 2008: 60 students 2009: 70 students	76 unduplicated students in math, science, and engineering received retention scholarships.	Target met

### **NARRATIVE — INSTITUTIONAL GOAL 3:**

#### **Key Performance Indicator 1: Graduates in the sciences and engineering.**

**Data Collection:** Student records database

**Targets:** The target is an increase in the the number of bachelor's degrees in mathematics, sciences and engineering in response to the growing demands for these graduates in the workforce. Degrees in these areas have fluctuated from as low as 278 to as high as 317 during the last 5 years. The target is to increase these numbers to 335 graduates. Meeting this target will require major recruitment efforts as well as reallocation of financial aid scholarship dollars, making this a stretch, particularly in the lean years ahead.

#### **Key Performance Indicator 2: Cooperative education and internships with the College of Engineering.**

**Data Collection:** Records are maintained by the Office of Cooperative Education and the College of Engineering.

**Targets:** Since Fall 200

**Key Performance Indicator 3: Watkins Summer Fellowships**

**Data Collection:** Fairmount College of Liberal Arts and Sciences will manage the data collection

**Targets:** The target is to increase the number of Watkins Fellowships to 8 in three years. The Watkins Summer Fellowship provides fellowships for high school teachers, two-year college faculty, and smaller private or public four year college faculty to work with a WSU scientists in chemistry, biology, geology or physics for the summer. This increase in fellowships is small in number; however, the impact is significant. For every Fellow, we can potentially impact 100 high school or college students each year. Ultimately the program may affect as many as 800 potential college students annually. Also the alliances between the WSU faculty and the Watkins fellows will potentially enhance recruits into these majors. This target is a stretch because the endowed funds are not sufficient and reallocation of central funds will be necessary. The 2009 target will be a challenge to meet because the endowed funds are underwater and with the pending budget cuts in state funding it is unlikely we will be able to provide enough funding to fill the gap.

**Key Performance Indicator 4: Reallocation of scholarship dollars**

**Data Collection:** Monitoring by the Scholarship O

Recommend approval for a three-year performance agreement.

**Recommendation and Comments**