

## **Northland Community & Technical College**

### **PROGRAM DATA ANALYSIS DEFINITIONS**

Program FYE—the number of full year equivalent students generated by program courses. This is found by multiplying the number of students in the program courses by the credit value divided by 30 credits. Note that 30 credits represent a full time equivalent student.

Total FYE by major—this number represents the total FYE generated by the declared major. This includes general education and core courses that program students complete.

Percent full by section—this number represents the total number of students enrolled in the program courses versus the total capacity in the courses.

College percent full—this number represents the total college percent full on all courses for comparison purposes. Note that this is merely for comparison reasons. We need to strive to be as close to 100% as possible. Striving for a 70% fill rate is not necessarily a good target.

Completion ratio (1<sup>st</sup> year-2<sup>nd</sup> year-graduation)—this number represents program retention and graduation. These numbers are found by taking the enrollment in a representative first year course and comparing those numbers to a representative second year course and then to the number of graduates.

Total instruction costs—this number represents personnel, supply, and equipment costs pulled by CIP code from a BRIO report.

Cost Ratio (FYE x \$4,422/instructional total costs)—This number compares revenues and expenditures. A number greater than 1.0 means that revenue exceeds expenditures. Small numbers indicate that the expenses greatly exceed the revenues.

Student FYE to Faculty FTE—this number represents the ratio of full time students to full time instructors.

Number of sections—the number of sections offered by the major.

Average section size—this is the average number of students enrolled in the program courses.

Faculty FTE—this number represents the number of full time faculty, which is the number of credits assigned divided by 32 credits for technical (30 credits for liberal arts).

Total tuition received (FYE x \$4,422). This number represents the tuition revenue received.

Graduate/FTE—this number is a ratio of graduate to full time equivalent instructors. It represents how well we respond to industry needs as well as contribute to student success.

Instructional cost study—this is a comparison of our programs to like programs across the state. Our funding is, in part, based on a positive comparison of the cost effectiveness of our academic programs to other like programs in the state. The number represents the college average costs per program divided by the MnSCU average costs per program. A number greater than 1 indicates that our program is more expensive than the MnSCU average.

Assessment & program review plan is current—this is a yes or no response indicating that the program has a current assessment plan in place, which has identified action plans for program improvement based upon analysis of data in comparison to identified performance targets.

Employment placement rate/continuing education—this number represents placement rates for program graduates. Note that this number lags a couple of years since it requires follow up and reporting requirements from the placement office.

Job demand—this identifier indicates the projected employment demands in the field. The information is found on the ISEEK website. Categories include: well above average, above average, average, below average, well below average, and shrinking.

KH: 9/22/10