

WISCONSIN TECHNICAL COLLEGE SYSTEM TO THE UNIVERSITY OF WISCONSIN SYSTEM PROGRAM ASSESSMENT STUDY

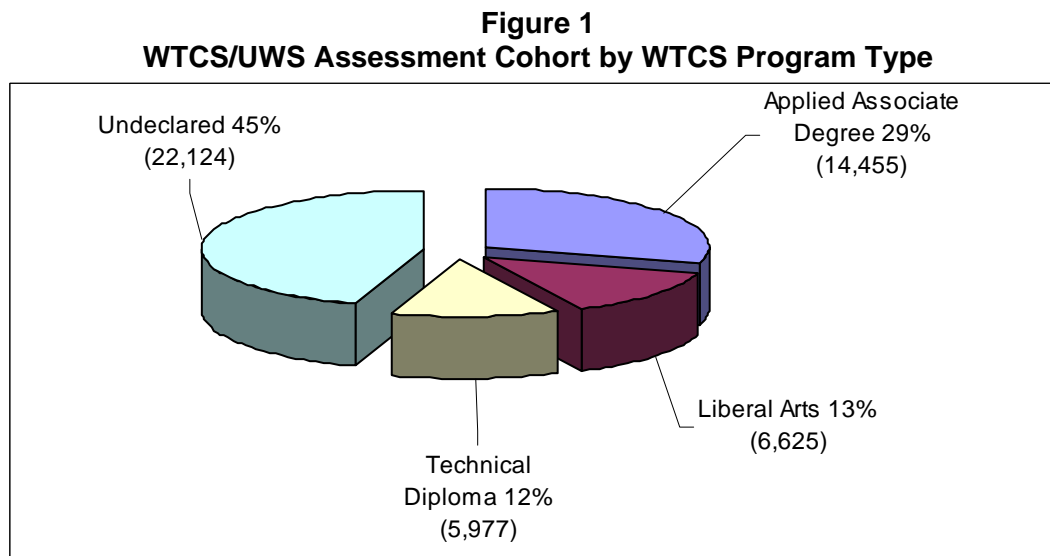
EXECUTIVE SUMMARY

This report was prepared by the University of Wisconsin System (UWS) Office of Policy Analysis and Research in conjunction with the Wisconsin Technical College System (WTCS). In fall 2000, a joint WTCS/UWS working group was established to design an appropriate reporting mechanism for program assessment and improvement. The primary goals of this study were to: (1) track students who were enrolled at the WTCS and subsequently enrolled at the UWS and identify both their originating WTCS program and subsequent UWS major; (2) identify potential program areas for developing new transfer articulation agreements; and (3) assess the academic outcomes of these students, including retention and graduation. This fifth report continues and expands the programs assessed in previous year's reports.

The 2007 Program Assessment Study included 49,181 students who attended a WTCS district in fiscal years 1994-95 through 2004-05 and subsequently enrolled at a UW institution. Of these students, nearly half entered the UWS as transfer students, while over half initially came to the UWS as non-transfer students.

Overall WTCS/UWS Assessment Cohort

- **WTCS Program Type:** Of the 49,181 WTCS students who came to the UWS, 29 percent were enrolled in an applied associate degree program while at WTCS, 13 percent were enrolled in a WTCS liberal arts program, and 12 percent were enrolled in a technical diploma program. Almost half (45%) took courses but did not declare a program of study while attending a Wisconsin Technical College (Figure 1).



- **WTCS Program Completion Status:** Of the students in the assessment cohort, 18 percent completed their WTCS program of study before they enrolled in a UW. The percentage varied by WTCS program type, from 11 percent for liberal arts students to 71 percent for technical diploma students.

- **UWS Entrance Status:** Overall, 46 percent of the students in the assessment cohort entered the UWS as transfer students, about one-third (32%) enrolled as new degree seeking students, and the remaining (22%) came to the UWS as new non-degree seeking (special) students or re-entry/continuing students.

Grouping WTCS Programs and UWS Majors

WTCS programs and UWS majors were grouped using a common national classification system – Classification of Instructional Programs (CIP). Of the 49,181 students in the assessment cohort, over half were enrolled in a specific WTCS program while at WTCS and over half declared a UW major after they enrolled in the UWS. Table 1 shows the top six WTCS program groups from which students entered the UWS and the top six UW major groups in which students enrolled after they came to the UWS.

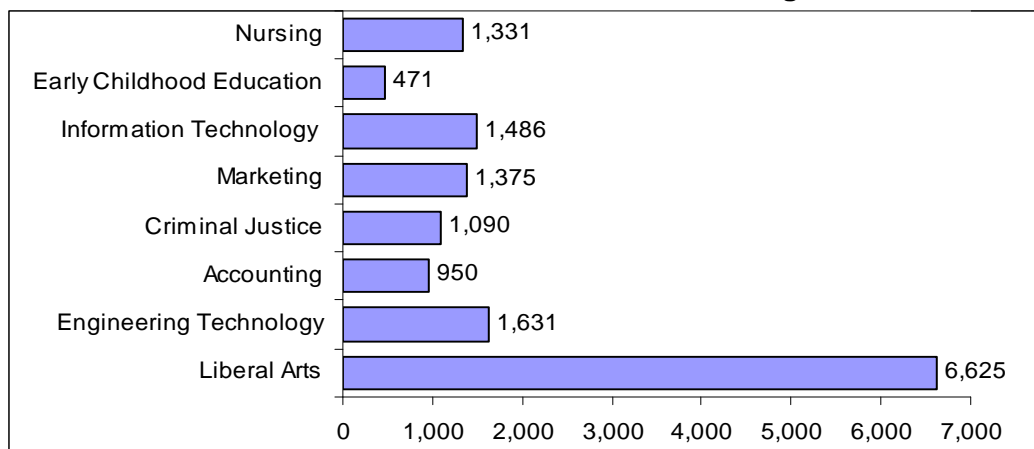
**Table 1
Top Six WTCS Program Groups/UWS Major Groups by Student Enrollment**

Top Six WTCS Program Groups	Top Six UWS Major Groups
Health Related Professions (7,118)	Business (4,945)
Humanities/Liberal Arts (6,799)	Education (3,557)
Business (4,725)	Health-Related Professions (3,210)
Public Admin/Legal Services (1,826)	Social Sciences (2,927)
Engineering & Architecture (1,667)	Communications/Arts (2,499)
Math, Computer & Info Sciences (1,552)	Biological/Physical Sciences (1,823)

Program-Specific Enrollments and Assessment

Seven WTCS applied associate degree programs – Nursing, Early Childhood Education, Information Technology, Marketing, Criminal Justice, Accounting, and Engineering Technology –along with Liberal Arts programs, were selected for specific study. These programs were selected because there were existing multi-campus agreements, they were emerging areas where agreements could be developed, and/or there were a large number of students enrolling in these WTCS programs prior to their UWS enrollment. Students in the seven applied associate degree programs represented 58 percent of applied associate degree program students in the assessment cohort. Figure 2 shows the number of students in the assessment cohort for the selected WTCS programs.

**Figure 2
Number of Students in Selected WTCS Programs**



Note: Multi-campus transfer agreements currently exist for nursing and early childhood education programs. Individual campus agreements have been developed for the remaining applied associate degree programs.

- **Top Two UWS Major Groups:** Table 2 shows the top two UWS major groups in which students in the selected WTCS programs enrolled. For example, of the WTCS nursing students in the assessment cohort with a declared UW major, 69 percent enrolled in a UWS major in Health-Related Professions and 6 percent enrolled in a UWS major in Biological/Physical Sciences. WTCS liberal arts programs are not listed in the table as students in liberal arts programs pursue a wide variety of majors at the UWS.

Table 2
Top Two UWS Major Groups in Which Students Enrolled
for Selected WTCS Programs

WTCS Program	Top 1 UWS Major Group	Top 2 UWS Major Group
Nursing	Health-Related Professions (69%)	Biological/Physical Sciences (6%)
Early Childhood Education	Education (64%)	Social Sciences (9%)
Information Technology	Math, Computer & Info Science (33%)	Business (23%)
Marketing	Business (43%)	Education (18%)
Criminal Justice	Public Admin/Legal Services (30%)	Social Sciences (23%)
Accounting	Business (61%)	Education (9%)
Engineering Technology	Engineering & Architecture (31%)	Business (24%)

Note: The percentage is based on the number of students with a declared UW major.

- **GPA and Second Year Retention Rate at the UWS:** Table 3 shows the average first year GPA and second year retention rate of all students in the cohort for the selected WTCS programs. It also shows the second year retention rate of students in the cohort enrolling in a related UW major for the selected WTCS programs. Both student GPAs and second year retention rates varied by originating WTCS program. Students who enrolled in a related UW major had significantly higher retention rates than the overall group of students in the selected WTCS applied associate degree programs.

Table 3
Average First Year GPA and Second Year Retention Rate
for Students in Selected WTCS Programs

WTCS Program	Average First Year GPA at the UWS	2 nd Year Retention Rate at the UWS	
		All Students from WTCS Program	Students from WTCS Program Enrolling in Related UW Major
Nursing	2.9	51%	70%
Early Childhood Education	2.7	54%	68%
Information Technology	2.7	59%	72%
Marketing	2.6	66%	77%
Criminal Justice	2.5	60%	71%
Accounting	2.7	61%	74%
Engineering Technology	2.8	63%	81%
Liberal Arts	2.7	76%	N/A
Overall Assessment Cohort	2.8	64%	N/A

Students moving to the UWS were from a variety of WTCS programs – applied associate degree programs, liberal arts programs, and technical diploma programs. However, less than half did not declare a program of study while at WTCS. Nearly half entered the UWS as transfer students.

By tracking these students and their academic outcomes, this study should contribute to the broader goal of ensuring that students have the requisite knowledge from their WTCS coursework to succeed in their UWS majors. Future reports may expand on this analysis as well as focus on areas for new WTCS/UWS initiatives.