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THE RESOURCE

A COMMUNICATION FROM INSTITUTIONAL RESEARCH & EFFECTIVENESS & CENTRAL OHIO TECHNICAL COLLEGE

···▶ MEASURING
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···▶ & INFORMING DECISIONS

July 2017

The Office of Institutional Research and Effectiveness Newsletter

measuring, monitoring, and informing decisions

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2017 Association for Institutional Research Forum in Washington, D.C.

The 2017 Association for Institutional Research (AIR) forum was held in Washington, D.C., from May 31 – June 2. Joe Argiro, Resource Planning Analyst from COTC's Office of Institutional Research and Effectiveness (IR&E), attended the conference.

The conference brings together institutional research (IR) professionals from around the U.S. and the world to network, share research, discuss challenges, and promote best practices in IR and higher education.

A major theme of this year's conference was IR's role in empowering others on campus to leverage data into actionable intelligence. This support crosses a broad range of institutional activities such as assessing student and campus success, formulating and evaluating policies, and demonstrating an effective institution. Numerous presentations dealt with this topic such as "Breaking Down Silos: Collaborating for Data-Informed Decision Making," "Data-Informed Decision Cultures," "Data Democratization: Creating a Culture of Data-Informed Decision Making," and "Relationships Matter: Using Data-Informed Decisions to Drive Student Success."

The COTC IR&E Office recognizes its role in supporting your work through the timely infusion of reliable, actionable data, and looks forward to continued collaboration to meet our goals.

Updated Survey of Employers

The mission of Central Ohio Technical College (COTC) is "to meet the technical education and training needs of students and employers in the area." To this end, the Offices of Career Development and Institutional Research and Effectiveness have been collaborating to update the COTC Employer Survey using Qualtrics' web-based survey design tool.

The short questionnaire asks employers to anticipate industry changes, to identify skills lacking in new hires, and to rate their satisfaction with COTC graduates (for those employers indicating they have graduates on staff). The tool also provides a mechanism for employers to assess the general-education and technical-education learning outcomes of graduates, based on specific occupations, a major advancement over the previously-used survey.

Ohio businesses were identified for inclusion through their prior interactions with COTC. This includes participation in the job fair, posting to the job board, requesting students for internships, or being identified by graduates through the graduate survey.

We would like to extend a sincere 'thank you' to the COTC faculty and administrators who provided feedback during demonstrations and even took time to test the instrument over the last few weeks. Survey administration is ongoing (closing 7/21), with data cleanup and reporting expected in time for academic program review and accreditation reporting this autumn. Contact Derek Thatcher, Manager of Career Development, at thatcher.42@cotc.edu for more information.

2017–18 Academic Program Review

The academic programs on the review schedule for 2017–18 are:

- Developmental Education
- Engineering Technology
- Health Services Technology
- Manufacturing Engineering Technology

Reports generated by the Office of Institutional Research and Effectiveness (IR&E) provide data on student demographics, student-types, subject and course enrollments, course outcomes, technical credits earned, program completion rates, and program transfer rates. Ad hoc reports are generated as additional questions are spurred.

The schedule and program review questionnaire can be found at the bottom of the Institutional Effectiveness webpage. IR&E looks forward to working with all programs to produce meaningful, accurate reviews in support of academic program continuous quality improvement!

Recent IR&E Activities

The first half of 2017 has proven to be a busy, yet productive, time for IR&E. The Office has completed or is currently involved in a number of data reporting activities, studies, and technology-leveraging projects aimed at increasing the effectiveness of key-positions on campus through their increased connection to data. Here's a run-down of some of the things we've been up to!

- Reporting to the Ohio Department of Higher Education
- Reporting to the National Center for Education Statistics, Integrated Postsecondary Education Data System
- Reporting to the National Community College Benchmarking Project
- Reporting of 15th Day Student and Course Statistics
- Reporting for Ohio Board of Nursing Annual Report
- Reporting for Academic Program Accreditation Self-Studies and Site Visits
- Reporting for AmeriCorps College Completion Coaching
- Study of Applicants' Program of Interest and Matriculation, and Regional Workforce needs
- Rewrite of Survey of Employers
- Study of Nursing Graduate's Time-to-Degree
- Study of Sonography, Human Services, and Accounting Technology Student-Transfers
- Study of Multiple Measures for Placement Student-Course Outcomes
- Expansion of Strategic Enrollment Management Report Suite
- Expansion of Student Record Audit Suite
- Development of College Credit Plus Report Suite
- Development of Early Alert Report Suite
- Development of Actionable Advising Report Suite
- Updating COTC's Key Performance Indicators
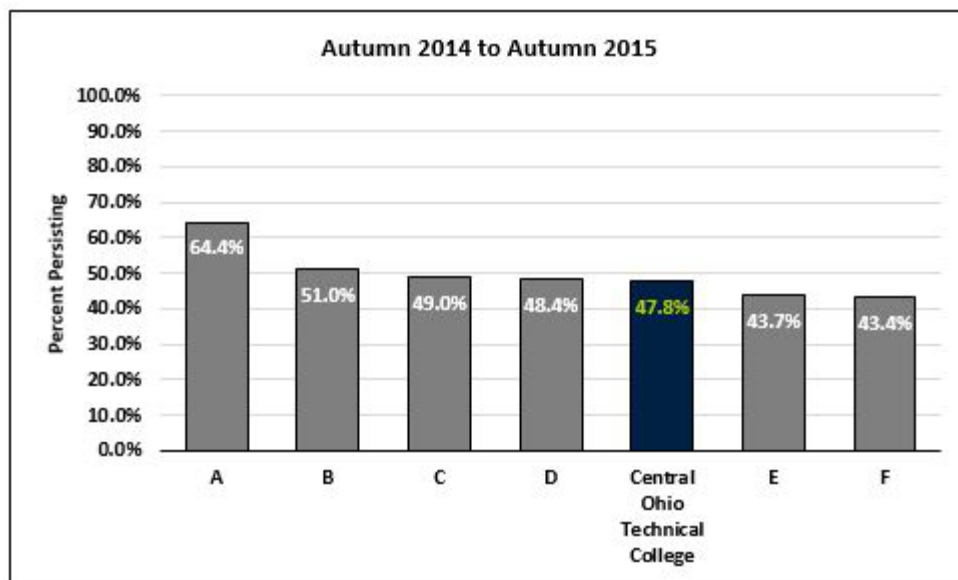- Updating Licensure and Certification Passage Rates for Select Programs
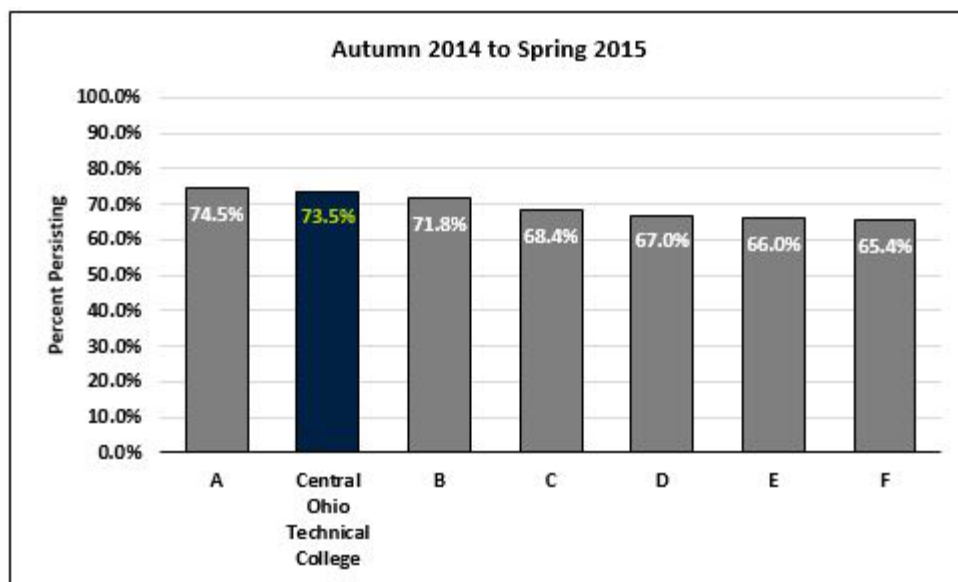
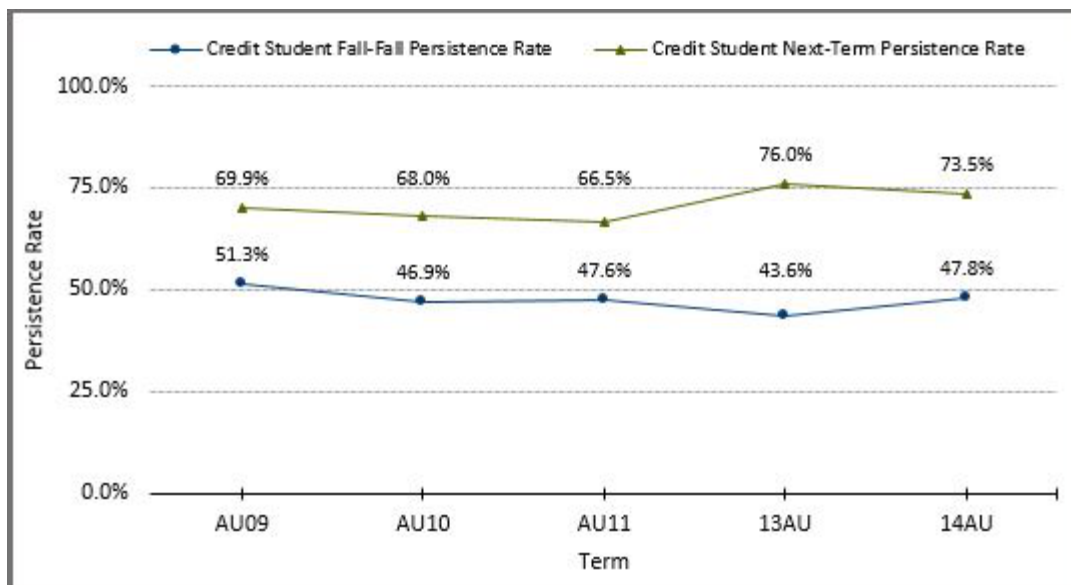Contact cotcire@cotc.edu to learn how we can assist your area.

In The Know

The National Community College Benchmarking Project (NCCBP) is designed to assist institutions with effectiveness research and peer benchmarking across a range of student, faculty, and staff variables, and, institutional activities. COTC has participated for many years and engages in peer benchmarking to determine strengths and weaknesses versus select groups of other institutions.

One indicator of student success is persistence from one semester to the next. Below are COTC's results for Autumn to Spring, and, Autumn to Autumn persistence for the Autumn 2014 cohort. They're ranked alongside other OH two-year colleges who also participated in 2016, reporting 2014-15 data. COTC's longitudinal trends for these measures are also reported.

The OH colleges participating in 2016 included Cincinnati State Technical and Community College, Columbus State Community College, Cuyahoga Community College, Edison State Community College, Lakeland Community College, and North Central State College. Institutions' names are suppressed by NCCBP. Students completing a degree or certificate in the terms investigated are excluded as they're not expected to persist.

Autumn 2014 to Spring 2015

College	Percent Persisting
A	74.5%
Central Ohio Technical College	73.5%
B	71.8%
C	68.4%
D	67.0%
E	66.0%
F	65.4%

Autumn 2014 to Autumn 2015

College	Percent Persisting
A	64.4%
B	51.0%
C	49.0%
D	48.4%
Central Ohio Technical College	47.8%
E	43.7%
F	43.4%

Data

COTC

Student Demographic Statistics

Term-to-Term Admissions

Degrees Granted by Year

Economic Impact

Institutional Effectiveness & Program Review

More

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ODHE HEI

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Services

The Office of Institutional Research and Effectiveness serves as a resource to various campus constituencies as they engage in efforts to measure their effectiveness.

Accreditation Support

State and Federal Reporting

Effectiveness Studies

Key Performance Indicators

Survey Administration

Enrollment and Census Reporting

Scheduled and Ad Hoc Reporting

Communicate

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