

Performance Indicators for NCITEC (Calendar Year 2012)

Part I – Program-Wide Indicators

1. Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC
 - Undergraduate courses: 10
 - Graduate courses: 9
2. Number of students participating in transportation research projects funded by this grant
 - Undergraduate students: 8
 - Graduate students: 22
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students
 - Master's Level: 4
 - Doctoral Level: 4
4. Number of graduate students supported by this grant
 - Master's Level: 6
 - Doctoral Level: 10
5. Number of students supported by this grant who received degrees
 - Master's Level: 0
 - Doctoral Level: 0
6. Number and total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research:
 - Applied research projects and dollar value: 21 projects for \$2,062,151 (Federal portion only)

Part II – UTC-Specific Indicators

1. Research Capability Performance Metrics

- Transportation research projects with an impact on intermodal transportation: 21
- Peer-reviewed intermodal transportation research reports published: 5
- Intermodal transportation research papers accepted for presentation at academic/professional meetings: 11

2. Leadership Performance Metrics

- Leadership positions held by NCITEC researchers in regional, national and international organizations:
Dr. Burak Eksioglu is the president of the Operations Division of Institute of Industrial Engineering.
Dr. Burak Eksioglu is the president-elect of the Logistics and Supply Chain Division of Institute of Industrial Engineering.
- Number and diversity of NCITEC partners and collaborators:
25 collaborators including academic institutions, private businesses, state organizations, and non-profit organizations.
- Keynote speeches and invited presentations given by NCITEC faculty and staff: 4
- Number of awards received by NCITEC faculty and staff: 4

3. Education and Workforce Development Performance Metrics

- Students completing transportation related courses: ~400
- Students involved in transportation research projects: 30
- Educational tools specific to intermodal transportation, e.g., case studies, historical materials, computer simulations, and other models: 0
- Students enrolled in advanced degree programs affiliated with NCITEC: 16
- Graduate students and their theses supported by NCITEC projects: 16
- Students receiving degrees from education programs affiliated with NCITEC: 0
- Faculty participating in NCITEC research projects and educational programs and activities: 39

4. Technology Transfer Performance Metrics

- Intermodal transportation seminars, symposia, and educational programs conducted for and attended by practicing transportation professionals: 3
- People attending the above-mentioned events: Approximately 150.

5. Collaboration Performance Metrics

- Number of projects (research, educational, and technology transfer) that have investigators from two or more institutions: 2
- Collaborative efforts with state and local transportation and public works agencies: MDOT is providing matching funds for two NCITEC projects.