Project #17101 – Summer Transportation Conference 2017 (STC17)

http://utca.eng.ua.edu/research/projects/?id=17101

Record Type: UTC

STC17 is a three day summer conference for middle school teachers teaching in math, science, and social studies. The purpose of STC17 is to provide teachers with relevant information about transportation systems that they may wish to introduce to their students in the classroom. The Alabama Transportation Institute (ATI) and the University Transportation Center for Alabama (UTCA) will jointly sponsor STC17.

Sessions will include presentations, group projects, site visits to Tuscaloosa Airport and Mercedes Plant, and other special activities that can be related to the classroom.

Activities/Group Projects will include:
1. Computerized bridge design and testing
2. Airport runway numbering
3. Green time for traffic signals
4. Alabama crash statistics website
5. Concrete testing and analysis
6. 3-D printing,
7. Unit conversions using spreadsheets
8. Radar gun speed analysis

Start Date: 2017/05/15 End Date: 2017/09/30

Status: Active Fund Number: A 12165 214232 200

Secondary Number: UTCA Project #17101

Total Dollars: $33,209

Source Organization:
University Transportation Center for Alabama

Sponsor Organizations
The University of Alabama
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Subjects:
Education and Training