

C E 435: Advanced Geotechnical Engineering

Linear and non linear geotechnical issues, advanced bearing capacity equations, propagation of body wave, dynamic pile driving equations. STATNAMIC, drilled piers, braced earth retaining structures, ground modifications, geotechnical instrumentation, Cam Clay model and other classical and modern topics. 3 Credits

- Prerequisites
- <u>C E 431: Soil Mechanics I</u>
- <u>C E 433: Foundation Engineering</u> • Pre-Requisite: 24 Earned Hours

- Instruction Type(s) Lecture: Lecture for C E 435

Subject Areas

<u>Civil Engineering, General</u>

Related Areas

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

