

AMBO UNIVERSITY
WOLISO CAMPUS
ENGINEERING FACULTY
DEPARTMENT OF CIVIL ENGINEERING
COURSE OUTLINE

Course Title:	Highway Engineering I
Course Code:	CENG 3182
Level:	Year 3 Semester II
Instructor:	Firiiken Belissa

Course contents:

The following topics will be covered during the course work:

- 1. Introduction**
- 2. Highway Route Surveys and Location**
- 3. Geometric Design of Highways**
- 4. Earthwork and Quantities**
- 5. Drainage**

REFERENCES

1. Route Surveys and Design by Hickerson
2. Highway Engineering By Oglesby and Hewes
3. Highway Engineering by P. Wright
4. Traffic and Highway Engineering by N. J. Garber and L. A. Hoel
5. Manuals of Ethiopian Road Authority, 2002.
6. Geometric Design of Highways and Streets: AASHTO 2004.