

# INS3442 RAILWAY ENGINEERING – All Groups

## Explanations about Term Assignments (2023-2024)

### 1. Topics and the number of assignments

Two assignments are going to be prepared during the term. In the first half of the term, “Railways” and in the second half, “Earthworks” related assignments will be given. Please note that in addition to the information given here, it is your responsibility to follow the other announcements about the assignments within the term.

### 2. Assignment sheets

The Information Sheets for assignments may be downloaded from the instructor’s AVESIS page (<https://avesis.yildiz.edu.tr/sahin/dokumanlar>).

### 3. Weights of the assignments

Each assignment 1 (Railways) and assignment 2 (Earthworks) will have 15% weight in the term score average. Hence, both assignments will have a total of 30% term weight and 18% total final weight. All the registered students are responsible to prepare the assignments given.

### 4. Handout for assignment numbers

A specific Assignment Number will be given to each registered student. Because the assignment numbers are special for each class group, **you must use the assignment number prepared for your Group**. The assignment numbers will be posted on the AVESIS page of the course coordinator in the form of class list or on assignment slips. The other data on the slip, together with the assignment number will be used for the Earthworks (second) assignment; therefore, **you must keep the assignment slip given to you until the end of the term**.

### 5. Assignment file

The content of the assignment files is as follows: For the first assignment; Calculation Report (HR1, open calculations) Plan (PL1), Profile (BO1), Running Diagrams (SD1, 2 drawings) sheets should be converted into **PDF files** (4 files in total). For the second assignment; Calculation Report (HR2, open calculations), Profile (BO2), Cross Sections (EK2, 4 drawings), Volumes Table (HT2), Mass Diagram (KD2) sheets should be converted into **PDF files** (5 files in total). Special names are given to the files. Naming format is as follows: GroupNo\_StudentID\_NameSurname\_FileAbbreviation. For example, for Calculation Report in Assignment-1, **Gr1\_12345678\_YusufYilmaz\_HR1**. **The final version of the files containing the correct results at all stages of the assignment must be uploaded separately to the address given in the table below by the deadline specified.** There is not file submission in the intermediate controls. **All the calculations and drawings in the assignment file must be hand-written** (Tables of running times in assignment 1 and table of earthwork quantities in assignment 2 may be given as computer printout as long as their calculation details are shown). The repeated calculations may be shown just ones and the remaining results can be written to the associated tables. The results on the calculations pages and typed in the electronic control form must be consistent. Please pay sufficient attention in preparation of your assignment file (for its being orderly, clean, complete and understandable) for its proper evaluation. The assignment file submitted will also be marked for its ordination. GOOD is 10 points, AVERAGE 5 points and BAD 0 point.

### 6. Checking of the calculation results

The assignment results will be checked from **Electronic Control Form**. **The form for each stage must be completed and submitted by the dates given in the table below.** The correct results found in the first control must not be written again on the form in the second control. The correctness or incorrectness of the calculation results you have written on the electronic form will be announced on the **AVESIS page of the course instructor** within the following day at the latest. **If you have any objections to the evaluation results, you should communicate your objections in time within the control dates below.** The results written in the electronic control form and the results in the open calculations, drawings and tables must be complete and consistent. **If the calculations, drawings, tables in the assignment are missing or the files uploaded are missing, the calculation results will be considered invalid even if they have been checked.**

Submission Dates for Electronic Control Form and PDF Assignment Files (for All Groups)	
Finishing time for submission: 09:30 a.m.	
(A particular assignment part not submitted in time may be submitted on the following date.)	
Assignment-1	Assignment-2
<a href="#">Elektronik Control Form for 1st Part</a>	<a href="#">Elektronik Control Form for 1st Part:</a>
<a href="#">Elektronik Control Form for 2nd Part</a>	<a href="#">Elektronik Control Form for 2nd Part</a>
<a href="#">File Submission of 1st Assignment</a>	<a href="#">File Submission of 2nd Assignment</a>
25 March Monday (1 <sup>st</sup> Part, 1 <sup>st</sup> Control)	13 May Monday (1 <sup>st</sup> Part, 1 <sup>st</sup> Control)
27 March Wednesday (1 <sup>st</sup> Part, 2 <sup>nd</sup> Control)	15 May Wednesday (1 <sup>st</sup> Part, 2 <sup>nd</sup> Control)
01 April Monday (2 <sup>nd</sup> Part, 1 <sup>st</sup> Control)	20 May Monday (2 <sup>nd</sup> Part, 1 <sup>st</sup> Control)
03 April Wednesday (2 <sup>nd</sup> Part, 2 <sup>nd</sup> Control) <i>LAST control date and file submission date for Assignment-1</i>	22 May Wednesday (2 <sup>nd</sup> Part, 2 <sup>nd</sup> Control) <i>LAST control date and file submission date for Assignment-2</i>

### 7. Control numbers and scores

There will be **at most two** controls for each part of the assignments. You may use your control rights for the assignment parts on the dates above until the last control date. If you have found all the correct results in the first part, you could pass to the second part. If there are still incorrect results in the second control of the first part, the correct results will be given on the **AVESIS** page of the course instructor, in order that you can pass to the second part. The last control is the completion date of the control process for the whole assignment. You must use your all control rights in the first and second parts of the assignment until that date. There will not be any control after this date. Assignment score is going to be given following the last control; the score is determined based on the **correct** results in the first and second parts. Scores are equal for each result. If you have calculated all

the results correctly, your assignment is given **90** points (the remaining 10 points is used for the file ordination). Open calculations and drawing files must be uploaded by the deadline in order to get points from the correct results written on the Electronic Control Form. **You had better save the assignment sheets you prepared until the end of the term.**