

Transport Operation

Introduction

Editing Requirements

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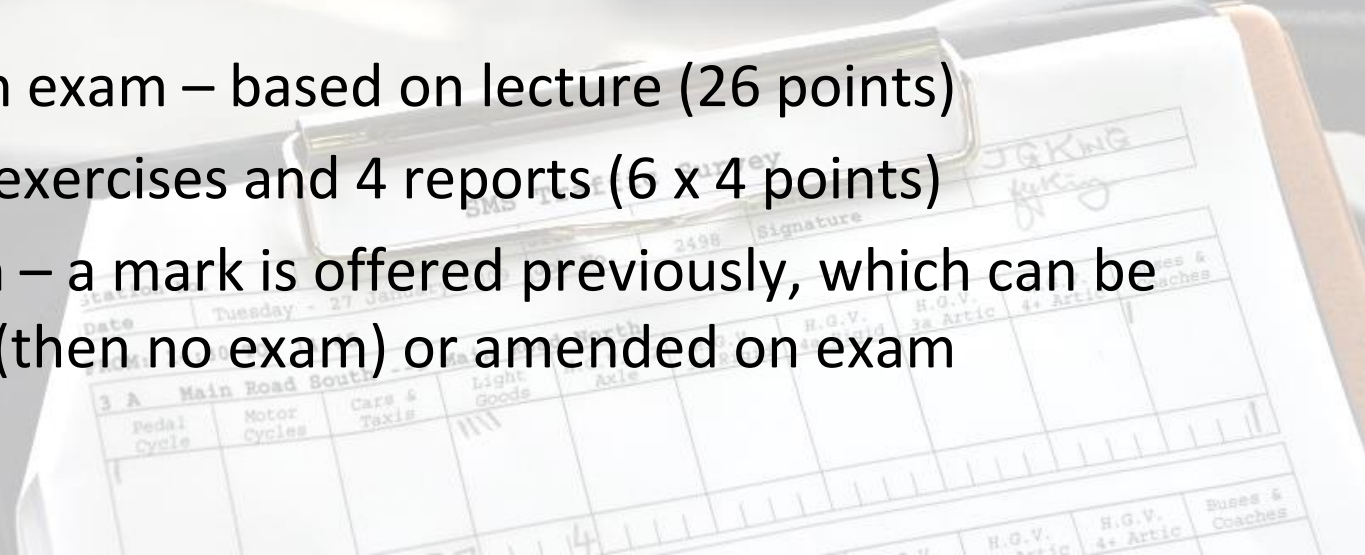
General information

■ Measurements:

- No absence is allowed
- 2 in-class and 4 on-field measurements (60 min)
- Reports of on-field measurements
- Safety regulations

■ Mark:

- 1 midterm exam – based on lecture (26 points)
- 2 in-class exercises and 4 reports (6 x 4 points)
- Oral exam – a mark is offered previously, which can be accepted (then no exam) or amended on exam



On-field measurements

- Presence is compulsory **both** on presentation and measurement
- Keep measurement time accurately
- Requirements:
 - Reports must be submitted at the lesson after the measurement (next week)
 - Minimum 2 points (50%) must be achieved at each report
 - Reports must be made according to the given form
 - Only one of the reports can be corrected afterwards

The image shows a clipboard with a traffic observation form and a pen, resting on a car's dashboard. The form is partially filled out with handwritten text. The form includes a date field with 'Tuesday - 27', a time field with 'FROM: 14:30 TO: 14:45', and a location field with '3 A Main Road South --> Main Road North'. The form also has columns for different vehicle types: Pedal Cycle, Motor Cycles, Cars & Taxis, Light Goods, H.G.V. 2 Axle, H.G.V. 3a Rigid, H.G.V. 4a Rigid, H.G.V. 3a Artic, H.G.V. 4+ Artic, and Buses & Coaches. There is a signature field with 'Signature' and a handwritten signature. The form is held by a clipboard with a silver clip.

Editing requirements of reports

■ Front page

- See sample →
- Names of authors, group number
- Department, subject
- Title
- Time and place of measurement



Budapest University of Technology and
Economics

Faculty of Transportation Engineering and Vehicle Engineering
Department of Transport Technology and Economics
BMEKOKUA176 – Transport Technology

4. Measurement

Examination of public transport circulation with
GPS device

Measuring time:
2014. November 12. 12:30 – 13:30

Measurement Location:
Tram line 2: Boráros Tér

Measurement carried out by:
Marina de Freitas Galvão (I3ADKX)
André Maia Pereira (IADOQB)

Measuring Group:
6

Budapest, 2014. November 19

Editing requirements of reports

■ Structure:

- Aim/goal, description of measurement
Must include the **exact** place (lane/stop etc.)!
- Measurement results (raw data)
- Calculations, analysis of results
- Conclusion
- Original survey form (except for digital data)

■ Editing:

- Tables (name, number, reference in text)
- Diagrams (name, number, reference, axes)

The background image shows a clipboard with a traffic survey form. The form is titled "SMS Traffic Survey" and includes fields for "Station No.", "Date" (27 January 2009), "Job No." (2498), and "Signature" (JGKNG). The form also contains a table with columns for "FROM: 14:30 TO: 14:45", "Main Road South --> Main Road North", "Light Cycle", "H.G.V. 3a Artic", "H.G.V. 4+ Artic", and "Buses & Coaches".

Station No.	Date	Job No.	Signature	FROM: 14:30 TO: 14:45	Main Road South --> Main Road North	Light Cycle	H.G.V. 3a Artic	H.G.V. 4+ Artic	Buses & Coaches
	27 January 2009	2498	JGKNG						

Schedule

Week	Date	Subject	Place
1	11 Sep	NO CLASS	
2	18 Sep	Introduction, editing requirements of reports	St 320
3	25 Sep	Presentation of on-field measurement 1 (Safety level)	St 320
4	2 Oct	(1) Safety level examination of road traffic	Road intersection
5	9 Oct	Presentation of on-field measurement 2 (Occupancy)	St 320
6	16 Oct	(2) Examination of public transport vehicle occupancy and time parameters	Public trsp. stops
7	23 Oct	National holiday – NO CLASS	
8	30 Oct	Presentation of on-field measurement 3 (Intersection)	St 320
9	6 Nov	(3) Traffic survey at a road intersection	Road intersection
10	13 Nov	Presentation of on-field measurement 4 (GPS)	St 320
11	20 Nov	(4) Examination of public transport circulation with GPS device	Public trsp. route
12	27 Nov	In-class exercise 1: Tram tachograph data analysis	St 320
13	4 Dec	In-class exercise 2: Rail line capacity analysis	St 320
14	1 Dec	Site visit / Consultation	