THE EDUCATION OF SURVEYING ENGINEERS AT THE UNIVERSITIES OF THE
FEDERAL REPUBLIC OF GERMANY IN THE SPECIAL SECTION OF PHOTOGRAMMETRY
AND REMOTE SENSING

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Commission VI

Abstract: a short description and a list is given of the education at
the different universities of the FRG.

1. Preliminaries
In the FRG, a country of 62 million inhabitants, there exist in the
field of surveying eleven universities, where students can reach the
first graduation, and ten universities, where they can reach the second
one of their studies. On all these universities every student will
have informations of photogrammetry and remote sensing but in different
kinds for there is no fixed plan of the studies all over the country
but only on the different universities.
Also in some other universities in the field of geology, geography,
archeology and architects informations of photogrammetry and remote
sensing will be given but normally only in the field of photointer-
pretation.

2. Kind of education
In the added list special informations of the studies on the diffe-
rent universities are given. There is to be seen, that the number of
students, of lessons (lectures) and of exercises are quite different
and also the kind of hardware, which is available in the universities.
Till to-day a great lot of the universities own an analytical plot-
ter but not all of them. Studies in image processing are only done
in the universities with the second graduation.

3. Final remarks
In front of the study at an university the students have to finish
a practice study of different length. After the examinations at the
universities most of the students will go to the government survey
authorities in order to finish an administrative examination. If they
succeed they can do not only engineering surveys but also administra-
tive ones.

4. Literature references
Hothmer: Ausbildung in Photogrammetrie und Fernerkundung in der Bun-
desrepublik Deutschland, BuL 6/1978, S. 185
Kantelhardt: The education of surveying engineers in the offices of
land surveying in the different states of the Federal Re-
public of Germany, ISPRS, XXV volume, part A 6, com. VI, page
179.
<table>
<thead>
<tr>
<th>Universität / Hochschule</th>
<th>Adresse / Phone</th>
<th>Mengencharakteristika der Lehre</th>
<th>Spezial Erziehung zu wählen</th>
<th>Anzahl der Studierenden</th>
<th>Anzahl der Kurse</th>
<th>bearbeiteten Studien (siehe Anmerkungen)</th>
<th>Anzahl der finalen Berichte der Studien zu Tag</th>
<th>Anmerkungen</th>
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<tbody>
<tr>
<td>Techn. Fachhochschule FB 7</td>
<td>Luxemburgerstr.10 D 1000 Berlin 65 o30-4594-2539</td>
<td>basic informations</td>
<td>engineering surveys architecture</td>
<td>91</td>
<td>12</td>
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<td>Universität - GNS - Fachbereich 11</td>
<td>Henri-Dunant-Str.65 4500 Essen 1 0201-183-4252/1211</td>
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<td>1A,3B,40,2D,1E</td>
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### Organization of the education at universities of the Federal Republic of Germany

#### page 2

<table>
<thead>
<tr>
<th>University department</th>
<th>address</th>
<th>main characteristics of the lessons</th>
<th>special education to choose</th>
<th>number of students</th>
<th>number of lessons</th>
<th>exercises</th>
<th>number of final reports of the studies to-day/subject</th>
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<td>Rhein.westf. Techn.Univ.</td>
<td>Tempelgraben 95 5100 Aachen 0241-80532</td>
<td>- accuracy of st. models</td>
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**Remarks:**
- A - analytical plotter
- B - analogical plotter
- C - comparator
- D - single plotter
- E - rectifier
- F - terrestrial camera

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