

### Faculty of Engineering

Tangibles aspects (Educational facilities - learning equipment, Teaching Media and Educational

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,127777778	52.8 %	Sufficient
2	Civil and building engineering	0,131944444	54%	Sufficient
3	Electrical engineering vocational education	0,138194444	55.8 %	Sufficient
4	Electrical engineering	0,147916667	58.6 %	Sufficient
5	Electronics engineering vocational education	0,151388889	59.6 %	Sufficient
6	Electronis engineering	0,127083333	52.6 %	Sufficient
7	Mechanical engineering vocational education	0,134027778	54.6 %	Sufficient
8	Mechanical engineering	0,145833333	58%	Sufficient
9	Automotive technology vocational education	0,145138889	57.8 %	Sufficient
10	Automotive engineering	0,128472222	53%	Sufficient
11	Informatics engineering	0,138888889	56%	Sufficient
12	Mining engineering -D3	0,142361111	57%	Sufficient
13	Industrial electrical engineering	0,134027778	54.6 %	Sufficient
14	Mining engineering undergraduate	0,133333333	54.4 %	Sufficient
15	Technology and Vocational Education-Master	0,147222222	58.4 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:18	63.6 %	Good
17	Electronics engineering in Pariaman	0,141666667	56.8 %	Sufficient
18	Automotive engineering in Lahat	0,147916667	58.6 %	Sufficient
19	Mining engineering in Lahat	03:08	61.6 %	Good
20	Electrical engineering in Lahat	0,136111111	55.2 %	Sufficient
21	Automotive engineering - Sawahlunto	0,186805556	77.8 %	Good
22	Mining engineering - Sawahlunto	03:01	60.2 %	Good
23	Electrical engineering vocational education	0,134027778	54.6 %	Sufficient
24	Civil engineering undergraduate	02:48	49.6 %	Sufficient
25	Mechanical engineering undergraduate	0,138194444	55.8 %	Sufficient

Reliability aspect (lecture and administration staff)

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,127083333	52.6 %	Sufficient
2	Civil and building engineering	0,127777778	52.8 %	Sufficient
3	Electrical engineering vocational education	0,1375	55.6 %	Sufficient
4	Electrical engineering	0,146527778	58.2 %	Sufficient
5	Electronics engineering vocational education	0,147916667	58.6 %	Sufficient
6	Electronis engineering	0,128472222	53%	Sufficient
7	Mechanical engineering vocational education	0,135416667	55%	Sufficient
8	Mechanical engineering	0,145138889	57.8 %	Sufficient
9	Automotive technology vocational education	0,141666667	56.8 %	Sufficient
10	Automotive engineering	0,127777778	52.8 %	Sufficient
11	Informatics engineering	0,138888889	56%	Sufficient
12	Mining engineering -D3	0,140277778	56.4 %	Sufficient
13	Industrial electrical engineering	0,135416667	55%	Sufficient
14	Mining engineering undergraduate	0,134722222	54.8 %	Sufficient

15	Technology and Vocational Education-Master	0,147916667	58.6 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:28	65.6 %	Good
17	Electronics engineering in Pariaman	0,145833333	58%	Sufficient
18	Automotive engineering in Lahat	03:01	60.2 %	Good
19	Mining engineering in Lahat	03:04	60.8 %	Good
20	Electrical engineering in lahat	0,134722222	54.8 %	Sufficient
21	Automotive engineering - Sawahlunto	0,190277778	78.8 %	Good
22	Mining engineering - Sawahlunto	0,144444444	57.6 %	Sufficient
23	Electrical engineering vocational education	0,130555556	53.6 %	Sufficient
24	Civil engineering undergraduate	02:36	47.2 %	Sufficient
25	Mechanical engineering undergraduate	0,141666667	56.8 %	Sufficient

#### Responsiveness aspects

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,127777778	52.8 %	Sufficient
2	Civil and building engineering	0,129166667	53.2 %	Sufficient
3	Electrical engineering vocational education	0,136111111	55.2 %	Sufficient
4	Electrical engineering	0,147916667	58.6 %	Sufficient
5	Electronics engineering vocational education	0,15	59.2 %	Sufficient
6	Electronics engineering	0,13125	53.8 %	Sufficient
7	Mechanical engineering vocational education	0,134722222	54.8 %	Sufficient
8	Mechanical engineering	0,145138889	57.8 %	Sufficient
9	Automotive technology vocational education	0,143055556	57.2 %	Sufficient
10	Automotive engineering	0,127777778	52.8 %	Sufficient
11	Informatics engineering	0,139583333	56.2 %	Sufficient
12	Mining engineering -D3	0,142361111	57%	Sufficient
13	Industrial electrical engineering	0,133333333	54.4 %	Sufficient
14	Mining engineering undergraduate	0,134027778	54.6 %	Sufficient
15	Technology and Vocational Education-Master	0,147222222	58.4 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:24	64.8 %	Good
17	Electronics engineering in Pariaman	0,146527778	58.2 %	Sufficient
18	Automotive engineering in Lahat	03:12	62.4 %	Good
19	Mining engineering in Lahat	03:00	60%	Good
20	Electrical engineering in lahat	0,131944444	54%	Sufficient
21	Automotive engineering - Sawahlunto	0,190972222	79%	Good
22	Mining engineering - Sawahlunto	0,142361111	57%	Sufficient
23	Electrical engineering vocational education	0,125	52%	Sufficient
24	Civil engineering undergraduate	02:47	49.4 %	Sufficient
25	Mechanical engineering undergraduate	0,14375	57.4 %	Sufficient

#### Assurance aspects (Student treatment)

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,128472222	53%	Sufficient
2	Civil and building engineering	0,129861111	53.4 %	Sufficient
3	Electrical engineering vocational education	0,1375	55.6 %	Sufficient
4	Electrical engineering	0,147916667	58.6 %	Sufficient

5	Electronics engineering vocational education	0,145833333	58%	Sufficient
6	Electronis engineering	0,13125	53.8 %	Sufficient
7	Mechanical engineering vocational education	0,133333333	54.4 %	Sufficient
8	Mechanical engineering	0,145833333	58%	Sufficient
9	Automotive technology vocational education	0,14375	57.4 %	Sufficient
10	Automotive engineering	0,125694444	52.2 %	Sufficient
11	Informatics engineering	0,140277778	56.4 %	Sufficient
12	Mining engineering -D3	0,141666667	56.8 %	Sufficient
13	Industrial electrical engineering	0,134722222	54.8 %	Sufficient
14	Mining engineering undergraduate	0,134722222	54.8 %	Sufficient
15	Technology and Vocational Education-Master	0,147916667	58.6 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:18	63.6 %	Good
17	Electronics engineering in Pariaman	0,151388889	59.6 %	Sufficient
18	Automotive engineering in Lahat	0,152083333	59.8 %	Sufficient
19	Mining engineering in Lahat	03:00	60%	Good
20	Electrical engineering in lahat	0,134027778	54.6 %	Sufficient
21	Automotive engineering - Sawahlunto	0,190972222	79%	Good
22	Mining engineering - Sawahlunto	0,142361111	57%	Sufficient
23	Electrical engineering vocational education	0,134027778	54.6 %	Sufficient
24	Civil engineering undergraduate	02:37	47.4 %	Sufficient
25	Mechanical engineering undergraduate	0,1375	55.6 %	Sufficient

Empathy aspects (Understanding of student interests)

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,126388889	52.4 %	Sufficient
2	Civil and building engineering	0,129166667	53.2 %	Sufficient
3	Electrical engineering vocational education	0,138888889	56%	Sufficient
4	Electrical engineering	0,146527778	58.2 %	Sufficient
5	Electronics engineering vocational education	0,149305556	59%	Sufficient
6	Electronis engineering	0,127777778	52.8 %	Sufficient
7	Mechanical engineering vocational education	0,135416667	55%	Sufficient
8	Mechanical engineering	0,146527778	58.2 %	Sufficient
9	Automotive technology vocational education	0,141666667	56.8 %	Sufficient
10	Automotive engineering	0,127083333	52.6 %	Sufficient
11	Informatics engineering	0,138888889	56%	Sufficient
12	Mining engineering -D3	0,142361111	57%	Sufficient
13	Industrial electrical engineering	0,134722222	54.8 %	Sufficient
14	Mining engineering undergraduate	0,133333333	54.4 %	Sufficient
15	Technology and Vocational Education-Master	0,148611111	58.8 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:26	65.2 %	Good
17	Electronics engineering in Pariaman	03:00	60%	Good
18	Automotive engineering in Lahat	03:02	60.4 %	Good
19	Mining engineering in Lahat	03:05	61%	Good
20	Electrical engineering in lahat	0,135416667	55%	Sufficient
21	Automotive engineering - Sawahlunto	0,186111111	77.6 %	Good
22	Mining engineering - Sawahlunto	0,139583333	56.2 %	Sufficient

23	Electrical engineering vocational education	0,135416667	55%	Sufficient
24	Civil engineering undergraduate	02:48	49.6 %	Sufficient
25	Mechanical engineering undergraduate	0,142361111	57%	Sufficient

Information system aspect

No	Name of Study Program	Average	Percentage	Grade
1	Building Construction Vocational Education	0,125	52%	Sufficient
2	Civil and building engineering	0,129861111	53.4 %	Sufficient
3	Electrical engineering vocational education	0,136805556	55.4 %	Sufficient
4	Electrical engineering	0,147916667	58.6 %	Sufficient
5	Electronics engineering vocational education	0,150694444	59.4 %	Sufficient
6	Electronis engineering	0,130555556	53.6 %	Sufficient
7	Mechanical engineering vocational education	0,136805556	55.4 %	Sufficient
8	Mechanical engineering	0,144444444	57.6 %	Sufficient
9	Automotive technology vocational education	0,143055556	57.2 %	Sufficient
10	Automotive engineering	0,126388889	52.4 %	Sufficient
11	Informatics engineering	0,140972222	56.6 %	Sufficient
12	Mining engineering -D3	0,142361111	57%	Sufficient
13	Industrial electrical engineering	0,134027778	54.6 %	Sufficient
14	Mining engineering undergraduate	0,134722222	54.8 %	Sufficient
15	Technology and Vocational Education-Master	0,147222222	58.4 %	Sufficient
16	Technology and Vocational Education-Doctoral	03:21	64.2 %	Good
17	Electronics engineering in Pariaman	0,148611111	58.8 %	Sufficient
18	Automotive engineering in Lahat	03:02	60.4 %	Good
19	Mining engineering in Lahat	03:06	61.2 %	Good
20	Electrical engineering in lahat	0,133333333	54.4 %	Sufficient
21	Automotive engineering - Sawahlunto	0,186111111	77.6 %	Good
22	Mining engineering - Sawahlunto	0,138888889	56%	Sufficient
23	Electrical engineering vocational education	0,129861111	53.4 %	Sufficient
24	Civil engineering undergraduate	02:30	46%	Sufficient
25	Mechanical engineering undergraduate	0,138888889	56%	Sufficient