Ladder Competition
2019-2020

1 Participation

a) Participation of the Ladder competition is open for every archer who has finished the beginners' course or is qualified to shoot individually.

b) The Ladder competition is possible for compound, recurve and barebow/traditional. All disciplines compete within the same ladder.

c) If an archer did not hand in a score for a particular round, the archer will be placed to a lower rung. If this happens twice in a row, the archer will demote to the end of the ladder.

2 Competition

a) The competition will consist of eight rounds. Every round will consist of at least four regular trainings. At least one of those trainings is not in the exam week of the TU/e.

b) For each round, the archer has four possibilities to hand in a score. The highest score counts.

c) One can only score once per evening. If you want to keep track of your score more than once, the first score has to be hand in for the ladder. This results in a maximum of one score per training.

d) A regular timeslot will be arranged for archers to shoot in a competition setting (timer). This timeslot will be the only possibility to shoot for the Ladder at that evening. The other possibilities are free to shoot at any time.

e) If the archer has had an official external competition which is shot according to the official rules of an indoor competition. This score may be handed in as an extra possibility (additionally to the three possibilities). In a 60 arrow indoor round, the highest of the two 30 arrow sets counts.

f) The scores handed in have to be shot as an indoor competition: 30 arrows in the format of 10x3 at 18 m. The scores have to be checked by a 'referee' which is a fellow participant, board member, or trainer present at that moment.

g) Compounds have to shoot on a Dutch Target. Recurve may shoot on a Dutch Target as well as a 40 cm target. Barebow archers shoot on a 40 cm target.

3 Scoring

a) The scoring will be done by shooting 30 arrows. For compound it is as follows:

Ring	Notation	Score for Ladder
X	10	10
R10	9'	9
9	9	8
8	8	8
7	7	7
6	6	6

b) Barebow will get an additional multiplier which depends on the final score. The list of this can be found in the appendix.

c) The score cards have to be filled in completely to make sure everyone knows how to fill in a score card properly. It should contain the following:

- Name and surname
- Distance
- Target
- Class
- Date
- Bow type

4 Ranking

a) After the first round, the archers will be divided into rungs bases on their scores. Each rung will consist of three archers.

b) You can only promote if you are at the top of your rung at the end of a round. This means that you can only promote if you were the first of your rung in the previous round. If your score is higher than the lowest score on the rung above, you will promote up. The lowest score in the rung above will be demoted to the rung below if beaten by the successor.

c) The fourth round will not be shot as the other rounds. This round there will be final matches in the form of the set system. The round consists of three weeks in which the first week is used to determine the order in the rung. The archers of each rung will compete against each other in order to defend their position within the rung.

1. There will be 3 matches: A-B, A-C, B-C. Winning a match gives 2 points, losing a match none. A tie will be determined with closest to center. If an archer does not shoot those matches, he/she will get zero points.

2. The archer who obtains the most points will be first in that rung, second highest points second, lowest amounts of point will be third.

3. The scoring forms for the final rounds will be different and provided by the organizing party.

The other two weeks are used to compete against each other. An archer can challenge another archer that is on a higher position in the Ladder with a maximum of two places higher. If the archer on the lower position wins, the archers will change positions. One can only challenge someone once, however, you are allowed to challenge multiple archers.

d) Round five, six and seven will be shot with the rules of the standard system again. See 4.b.

e) The eighth round will again be final matches according to round 4, which determines the final ranking.

5 Appendix

Mulitplier Barebow:

Score	Multiplier	Adjusted Score	Score	Multiplier	Adjusted Score	Score	Multiplier	Adjusted Score	Score	Multiplier	Adjusted Score
=<181	1,2	= Score * 1.2	211	1,178	249	241	1,118	269	271	1,058	287
182	1,2	218	212	1,176	249	242	1,116	270	272	1,056	287
183	1,2	220	213	1,174	250	243	1,114	271	273	1,054	288
184	1,2	221	214	1,172	251	244	1,112	271	274	1,052	288
185	1,2	222	215	1,17	252	245	1,11	272	275	1,05	289
186	1,2	223	216	1,168	252	246	1,108	273	276	1,048	289
187	1,2	224	217	1,166	253	247	1,106	273	277	1,046	290
188	1,2	226	218	1,164	254	248	1,104	274	278	1,044	290
189	1,2	227	219	1,162	254	249	1,102	274	279	1,042	291
190	1,2	228	220	1,16	255	250	1,1	275	280	1,04	291
191	1,2	229	221	1,158	256	251	1,098	276	281	1,038	292
192	1,2	230	222	1,156	257	252	1,096	276	282	1,036	292
193	1,2	232	223	1,154	257	253	1,094	277	283	1,034	293
194	1,2	233	224	1,152	258	254	1,092	277	284	1,032	293
195	1,2	234	225	1,15	259	255	1,09	278	285	1,03	294
196	1,2	235	226	1,148	259	256	1,088	279	286	1,028	294
197	1,2	236	227	1,146	260	257	1,086	279	287	1,026	294
198	1,2	238	228	1,144	261	258	1,084	280	288	1,024	295
199	1,2	239	229	1,142	262	259	1,082	280	289	1,022	295
200	1,2	240	230	1,14	262	260	1,08	281	290	1,02	296
201	1,198	241	231	1,138	263	261	1,078	281	291	1,018	296
202	1,196	242	232	1,136	264	262	1,076	282	292	1,016	297
203	1,194	242	233	1,134	264	263	1,074	282	293	1,014	297
204	1,192	243	234	1,132	265	264	1,072	283	294	1,012	298
205	1,19	244	235	1,13	266	265	1,07	284	295	1,01	298
206	1,188	245	236	1,128	266	266	1,068	284	296	1,008	298
207	1,186	246	237	1,126	267	267	1,066	285	297	1,006	299
208	1,184	246	238	1,124	268	268	1,064	285	298	1,004	299
209	1,182	247	239	1,122	268	269	1,062	286	299	1,002	300
210	1,18	248	240	1,12	269	270	1,06	286	300	1	300