

# International Unicycling Federation



## 2006 Competition Rulebook

June 16, 2006 - Prepared by the IUF Skill Levels and Rules Committee

For further information, contact the International Unicycling Federation

[www.unicycling.org/iuf/](http://www.unicycling.org/iuf/)

Copyright © 2006 by the International Unicycling Federation, Inc. All rights reserved.

# Contents

<b>1</b>	<b>GENERAL RULES AND DEFINITIONS.....</b>	<b>3</b>
<b>2</b>	<b>RULES FOR UNICYCLE RACING.....</b>	<b>9</b>
<b>3</b>	<b>ARTISTIC EVENTS, OVERVIEW AND SHARED RULES.....</b>	<b>18</b>
<b>4</b>	<b>STANDARD SKILL.....</b>	<b>25</b>
<b>5</b>	<b>FREESTYLE JUDGING.....</b>	<b>29</b>
<b>6</b>	<b>OPEN-X JUDGING.....</b>	<b>36</b>
<b>7</b>	<b>STREET FREESTYLE JUDGING.....</b>	<b>36</b>
<b>8</b>	<b>CONVENTION OFFICIALS.....</b>	<b>37</b>
<b>9</b>	<b>STANDARD SKILLS LIST.....</b>	<b>38</b>
<b>10</b>	<b>UNICYCLE HOCKEY.....</b>	<b>56</b>
<b>11</b>	<b>UNICYCLE BASKETBALL.....</b>	<b>64</b>
<b>12</b>	<b>UNICYCLE TRIALS.....</b>	<b>65</b>
<b>13</b>	<b>IUF ACHIEVEMENT SKILL LEVELS.....</b>	<b>77</b>

# 1 General Rules and Definitions

This Rulebook is intended to govern all unicycling competition sanctioned by the International Unicycling Federation, and can be used as a guideline for other competitions. There are three main sections: **General Rules, Racing Rules, and Artistic Rules**. Any charts and forms that implement these rules may be published separately

## 1.1 THESE ARE OFFICIAL IUF RULES

---

All IUF UNICONS (International Unicycling Conventions) must abide exclusively by these rules. Further rules may be added to cover specific situations, but they may not override the IUF rules without prior approval by the IUF Board of Directors. All additional rules must be published well in advance of international competition, and preferably included on the registration form.

National or local unicycling bodies may have their own rules, and use IUF rules in full or in part. In national or local competitions, the rules of those organizations will apply.

### 1.1.1 UPDATING THIS RULEBOOK

The IUF Rulebook should be updated after every UNICON. The IUF Rulebook Chairperson will head the committee, but may optionally name a sub-committee. The outgoing Chief Judge could be, but does not have to be, the Chairperson. The host of the next UNICON will be included in this Committee. Our official judges will make excellent Committee members.

The Committee will officially start meeting at the close of the UNICON, though the Chairperson can open it before, to take advantage of having so many persons physically together. The Committee should finish their business and make their specific proposals within three (3) months of the close of the UNICON. If they need more time, they may ask the IUF President for a time extension. This is meant to be the only time that changes to the Rulebook are made, although exceptions are possible in extraordinary cases. The IUF President is responsible for making sure that the IUF Rulebook committee stays focused and on schedule.

## 1.2 HOST'S OPTION

---

Unicon should include at least one event from each of the following event groups. Hosts are free to add events, age groups or variations that do not appear here, as long as there is no conflict with the existing rules. When in doubt contact the IUF Rules Committee.

- Racing—track races, specialty races, Marathon, 10km. See section 2.
- Team Games—Unicycle Hockey, Unicycle Basketball. See sections 9 & 10.
- Field events—Slow Race, Long Jump, High Jump, IUF Obstacle Course. See sections 2.19 & 2.21.
- Non-competition events—workshops, fun games, sightseeing rides, MUni rides.
- Artistic events—Freestyle, Standard Skill, Open-X, Street Freestyle. See section 3.
- Muni—cross country, orienteering, Uphill, Downhill, Trials. See section 2.27.

### 1.2.1 COMBINING AGE GROUPS

The convention host has the option of combining age groups. This means that published age groups are not guaranteed. This can be done on a per-event basis. Racing is considered one event and all standard races should have the same division of ages. The host must publicize and detail the age group combining method they have chosen, if any, as far in advance of the convention as possible. When combined, riders aged 18 and under would move up to the next older group. Riders over 18 would move down to the next younger group. If several age groups consecutively are collapsed, it might lead to riders of vastly different ages competing against each other. This problem should be taken into consideration.

**Example of an age group collapsing strategy:** For age groups with less than five riders, the host will combine those riders into the next nearest age group.

### 1.2.2 AWARDS

The type, number, and quality of awards are the choice of the convention host. Because awards are paid for out of the convention budget, the host may determine the amount and level of those awards. Generally we have trophies for "top" events,

medals for "sub-top" events, and ribbons or certificates for lower events or places. The IUF has most frequently awarded 1-3 place in most events, but this too is up to the convention host.

### 1.2.3 SPONSORS

The convention host has the option to seek and obtain private sector sponsorship of competition events and prizes, e.g. The Unicycle.com Freestyle Awards, the Miyata Hockey Cup, etc. This will allow opportunities for external funding allowing reduced costs to host organizations and perhaps even greater rewards. Sponsors are limited to organizations that would not bring the IUF into disrepute and are consistent with the aims and objectives of the sport.

## 1.3 NOTIFICATION

---

Convention dates and other information must be announced or published at the earliest possible date. For UNICON and other large events, a registration form should be prepared and published no less than eight months before the convention start date. A list of all planned competition events, including all rules and details pertinent to quality training, should also be published at the same time as registration forms, or as early as possible if not available at that time. These details include lengths of long races, base altitudes and amount of climb, type of terrain along the course, etc.

### 1.3.1 CANCELLATION

Sometimes activities must be cancelled due to events beyond the host's control. For example, rain cancelled a downhill glide in the past. These situations cannot be predicted in advance. When cancellations are made, either in advance, or the day of, notification of the cancellation must be posted and distributed as early as possible.

## 1.4 PUBLISHING RULES

---

If competition events or games not found in the IUF Rulebook are planned, written rules must be provided. These rules, if not pre-existing, should be published at the time of announcement of those events. This generally means at or before the posting of registration forms. For competitors to properly train, and be on an equal footing with local riders, all must be aware of the rules to be used.

## 1.5 NAMES AND TERMINOLOGY

---

The proper names and terminology for our sport and competition events must be used in all announcements, advertising, publicizing, internal and external documents, and especially in any official documents, such as those within, and printed out by, convention software. The terminology and event names used to promote our conventions must be kept accurate, to facilitate better understanding of what events are offered, and what those events are called. The specific artistic event names are Individual Freestyle, Pairs Freestyle, Group Freestyle, Open-X and Standard Skill. Variations of these names must not be used.

"UNICON" is a generic word meaning "Unicycling Convention," and also specifically identifies our World Championship events. But it should not be used as the primary name for the general public, to whom it is not meaningful. A convention can have a long, multiple name that says it all. For example, UNICON III was called: "The 10th Annual All Japan Unicycle Meet, and Refreshing Third International Unicycling Championships, Tokyo Convention." "Refreshing" pertained to a sponsoring company.

## 1.6 RIGHTS TO CONVENTION DATA

---

Each Unicon or other large unicycling convention is a piece of history. There is much to be learned from the competition results, other convention data, and learning experiences. At the conclusion of a UNICON or other international event, or within one month thereafter, the convention host must supply the IUF, or an appointed representative, with a list of competition and other results. This list will include all data collected to determine placement and winners at all levels and in all events held at the convention. This data is considered public, and is not the sole property of the host. Copies of attendee registration data, judging sheets, protest forms, and any related paperwork are *not* public, but are the shared property of the host and the International Unicycling Federation, and must be made available upon request. If the host wishes to discard any of this paperwork or data, it must be turned over to the IUF (or appointed representative), not thrown away. If requested, the host and convention officials must also provide further information, not necessarily in writing, about decisions made, methods used, and other details covered in the process of planning and running the convention. This information can be invaluable to future hosts, and must not be hidden or lost.

## 1.7 REGISTRATION FORMS

---

Because of the various options available to riders in different events, riders may enter different events in different age groups. A properly structured registration form is essential for making these choices clear to the participants. For example, a rider may enter Pairs as an Expert with an older rider, but may wish to compete in individual artistic in his or her own age group. Before publishing, a UNICON registration form should be examined and approved by a member of the IUF Rules Committee or Board of Directors. No rider may enter any event until his or her registration form has been completed, including signing of the release. No minor may compete until his or her release has been signed by a parent or legal guardian.

## 1.8 PROGRAM BOOK

---

Should be provided to all registrants, containing full schedule of all events, maps and directions to all event locations, and as much rule and background information as possible. This type of Program Book makes excellent reading for spectators, and gets them more involved in our sport. Local merchants and sponsors can advertise in the Program Book for a fee as a source for convention revenue.

### RACING FACILITIES

---

## 1.9 TRACK

---

A track must be made available for conducting the track races. The track must be marked in meters, and should be prepared in advance with start and finish lines for the various racing events that are unique to unicycle racing (such as 50, 30, 10 and 5 meter lines). A person who is familiar with all the local track markings must be available. In addition to the track, a smooth area of sufficient size must be set aside to run the official Obstacle Course (and Slow Races, if held). A public address system must be provided to announce upcoming events and race winners. Bullhorns are usually not adequate for the track environment.

## 1.10 WEATHER

---

If the track is outdoors, plans must be made to deal with inclement weather. Using an indoor track can eliminate this problem. The track must be available for both days, in case of inclement weather.

### INDOOR EVENTS FACILITIES

---

## 1.11 IUF PUBLIC MEETING

---

The host will provide time in the convention schedule for the IUF Public Meeting. At this meeting, the IUF will elect officers or other volunteers, and otherwise do business and encourage the opinions and assistance of all interested convention attendees.

The meeting time should be as close to the end of the convention as possible, excepting on the final day, as people may have to leave before that time. At minimum, the meeting should be during the second half of the convention.

A minimum of two hours should be allocated, during which no other official convention events, other than open gym or other informal activities, should take place.

A meeting place must be provided that has adequate lighting, protection from the weather, and space for the number of people expected. A lecture hall or theater are optimal locations, and a sound and/or projection system would be very helpful.

Other IUF meetings may be held during the convention, both public and private, but the strict requirements apply only to the big public meeting.

## 1.12 ARTISTIC RIDING AREAS

---

Traditionally a gymnasium is used. Artistic competitions can also be held in an auditorium, if the stage is large enough. If this is done, a gym must also be available for practice, and possibly for group competition. Gymnasiums used for competi-

tion should have enough room to set up two Individual and Pairs performing areas side by side. There must also be enough room for judges and spectators. Seating must be provided for spectators, and a practice area must be provided for riders. Ideally, this practice area would be in a separate gym. The practice area cannot be outdoors. In the event of rain, riders would have no place to warm up and exchange skills. If necessary, the practice area can be behind a curtain in the competition gym, or behind the spectator seating. Neither of these solutions is as desirable, due to the distraction that is unavoidably caused by riders using these areas.

The gym or riding surface must be marked with the boundaries of all riding areas for individual and pairs events. In some facilities black tires, metal pedals, untapped wooden hockey sticks, etc. might not be allowed. Make sure the participants are informed of this in advance. All performing and practice areas must be in well-lit places that are protected from the weather.

It is very important that a good quality public address system be available for announcements, and to play competition music. Two CD players must be provided (one as a backup or test machine). These must be compatible with recordable CDs (CD-R). Duplicate players should also be provided for all other music formats specified by the host.

### **1.13 OPEN PRACTICE AREA**

---

An area with a smooth safe riding surface, sheltered from the weather, should be made available for all or part of the day on most or all days of the convention. This area to be used for non-competition events such as workshops, skills exchange and free practice.

### **1.14 MATERIALS & EQUIPMENT**

---

The Host must supply all necessary materials and equipment to run the competitions, including stopwatches, starting posts and cones for the Obstacle Course. Don't forget the more obvious things, such as paper and writing materials, judging tables, basketballs, hockey sticks, etc.

### **1.15 TRAINING OFFICIALS**

---

As the rules state, competitions cannot be started until all key track and artistic officials have been trained and understand their tasks. For Racing, the Referee is in charge of making sure this happens. For Artistic events, the Chief Judge is in charge. Make sure there are plenty of copies of the rulebook for officials to study on the spot. Testing can consist of a simple verbal quiz, or anything the Referee or Chief judge deem appropriate. For certain artistic events, a minimum level of judging experience is required. See section 5.6.

## **RESPONSIBILITIES OF INDIVIDUAL PARTICIPANTS**

---

### **1.16 NATIONS REPRESENTED**

---

For events where the number of participants is limited by country, there may be some question of what country a rider, pair or group may represent. Riders must represent the country in which they hold citizenship, or in which they are a legal resident. For example, if a rider is attending school in a different country, and is in that country legally, the rider can represent that country, \*or\* the rider's home country.

If necessary, citizenship or residence may be established with a passport, drivers license, or legal ID for the country the rider wishes to represent. Riders on extended vacation, exchange students, and other temporary residents of other countries are not eligible to represent those countries, except in multi-rider events (see below).

For Pairs Freestyle or other two-person events, the pair can represent any contry that either rider is eligible to represent.

For Group Freestyle, sports teams or other multi-rider events, the group must represent the country that the greatest number of the group's riders are eligible to represent. If there is a tie in this number, the group can represent either of the tied countries.

### **1.17 RACING**

---

Riders must use unicycles that conform to the definitions and dimensions for racing unicycles. Riders must have kneepads, gloves and shoes that meet the definitions below, and helmets for certain events.

## 1.18 ARTISTIC

---

Any performance music must be provided on CD, or only those other media types supported by the event host. See also section 3.18.

## 1.19 PERSONAL RESPONSIBILITY

---

All minors must be supervised by a parent, guardian or other designated person. All attendees should remember that they are *guests* of the convention hosts, and *ambassadors* of our sport to all new riders, visitors from far away, and to people in the hosting town. Remember that the Host is *renting* the convention facilities, and attendees are expected to treat them well. Each rider is responsible for the actions of his or her family and non-riding teammates. Riders may lose placement in races, risk disqualification from events, or be ejected from the convention if they do not work to minimize disruptions from these people.

## 1.20 KNOWING THE RULES

---

Lack of understanding of rules will be at the disadvantage of riders, not officials or the IUF. The IUF is also not responsible for any errors that may occur in the translation of rules and information into languages other than those in which they were originally written.

## 1.21 YOUR PRIVILEGE

---

Entry in the competition is your *privilege*, not your right. You are a guest at the Host's event. You may be in an unfamiliar country, with different customs that are considered the norm. The Host and convention officials determine whether certain events, age groups, or policies will be used. As an attendee, you are obligated to obey all rules and decisions of convention officials and hosts.

## 1.22 DEFINITIONS

---

**EXPERT:** A competition category open to all riders regardless of age. There are male and female Expert groups for individual and pairs artistic events.

**FIGURE:** (noun) 1. A unicycle feat or skill, such as walking the wheel or riding backward, used to describe skills in the Standard Skill event. 2. A riding pattern, such as a circle or figure 8.

**FINALIST, FINALS:** In racing, the fastest riders from all age groups are selected for the *Finals* in each of the major racing events, to determine the world champions in those events. Riders who have made it into these races are called *finalists*. Finalist should not to be confused with *Expert*, as Expert is an elective category and Finalist is not.

**FOOTWEAR FOR RACING:** Shoes with full uppers are required. This means the shoe must cover the entire top of the foot. Sandals or thongs are not acceptable. Shoelaces must not dangle where they can catch in crank arms.

**GLOVES:** (For racing) Any glove with thick material covering the palms (Leather is acceptable, thin nylon is not). Gloves may be fingerless, such as bicycling gloves, provided the palm of the hand is completely covered. Wrist guards, such as those used with in-line skates, are an acceptable alternative to gloves.

**HELMET:** Helmets are mandatory for unlimited races, Fast Backward, anything downhill, all MUni and Trials events, High Jump, Long Jump, and certain other non-traditional races. They are also recommended for all races. Helmets must be of bicycle quality (or stronger), and should meet the prevalent safety standards for bicycle (or unicycle) helmets, such as ASTM, SNELL, CPSC, or whatever prevails in the host country. Helmets for sports other than cycling or skating are not permitted, unless the Referee makes exceptions.

**IUF:** International Unicycling Federation. The IUF sponsors and oversees international competitions such as UNICON, creates rules for international competition, and promotes and provides information on unicycling in general.

**JUNIOR EXPERT:** an optional category for Individual and Pairs Freestyle, any rider age 0-14. Very talented 0-14 riders may enter Expert instead, and compete among the very best riders.

**KNEEPADS:** (For racing) Any commercially made, thick version is acceptable, such as those used for basketball and volleyball, or any with hard plastic caps. Kneepads must cover the entire knee and stay on during racing. Long pants, ace bandages, patches on knees and Band-Aids are not acceptable.

**MUni:** Mountain unicycling, or mountain unicycle. The previous term for this was *UMX*.

**PROP:** Almost anything other than the unicycle(s) being ridden by competitor(s) in a Freestyle performance. A unicycle being used for a non-unicycling skill (such as a handstand on it while it's lying down) is a prop at that moment. A hat that is dropped and picked up from the floor is a prop. A pogo stick or a tricycle (unless ridden on one wheel) is a prop.

**STANDARD UNICYCLE:** Has only one wheel. Is driven by crank arms directly attached to the wheel's axle/hub, with no gearing or additional drive system. Pedals and cranks rotate to power the wheel. Is balanced and controlled by the rider only, with no additional devices to support it. For purposes of this definition, brakes and extended handles/handlebars are permitted. For some events, standard unicycles have additional restrictions such as maximum wheel size or minimum crank arm length. For most other events there are no size limitations.

**ULTIMATE WHEEL:** A special unicycle consisting of only a wheel and pedals, with no frame or seat.

**UMX:** Unicycle Motocross. This term has for the most part been replaced by *Muni*.

**UNICYCLING SKILL:** (noun) Also known as 'figure.' Any skills (feats of balance) performed on a vehicle with one support point in contact with the riding surface, this being a wheel, the movement of which is controlled by the rider, thus maintaining balance. All mounts are also 'unicycling skills.' See also section 5.1.1.

**UNINTENTIONAL DISMOUNT:** In most cases, any part of a rider *unintentionally touching* the ground. For example, a fingertip on the floor while spinning is not unintentional. A pedal and foot touching the ground in a sharp turn is not a dismount as long as the foot stays on the pedal while the pedal is on the ground. Dismounts during most races disqualify the rider.

**UNICON:** Unicycling Convention. This word usually refers to the IUF World Unicycling Championships conventions.

**WHEEL WALKING:** Propelling the unicycle by pushing the top of the tire with the feet. Feet touch wheel only, not pedals or crank arms. A non-pushing foot may rest on the fork.

## 2 Rules for Unicycle Racing

### 2.1 RACING CATEGORIES

#### 2.1.1 MALE/FEMALE

Racing competition is held in two separate divisions: Male and Female. No heat of any race shall be composed of both male and female riders without the approval of the Racing Referee.

#### 2.1.2 AGE GROUPS

The following age groups are the minimum allowable by the IUF: 0-10 (20"), 0-13, 14-18, 19-29, 30-UP. Age group is determined by the rider's age on the first day of the convention. Riders enter all races with their age group. Top riders from age group heats may qualify for the finals, or final heats, to race with the other fastest riders for that event. These races, and the riders in them, are no longer called Expert. That name is reserved for elective events, which riders choose to enter rather than qualifying. No race heat shall be composed of riders from more than one age group without approval of the Referee.

#### 2.1.3 ADDITIONAL AGE GROUPS

Convention hosts are free to add more age groups, and often do. A Masters Class can be offered, for instance, open to all riders 40 and up, and a Seniors Class for 50 or 55 and up. A very full range of age groups might look like 0-6 (16"), 0-8 (20"), 9-10 (20"), 0-12, 13-14, 15-16, 17-18, 19-29, 30-39, 40-49, 50-59, 60-UP.

#### 2.1.4 WHEEL SIZES

Except where noted otherwise, all wheel sizes are maximum 24". Additional groups for young riders with 16" or 20" wheels can be added. These age groups should allow for riders of those ages to also ride 24" wheels with older riders, hence the 0-13 (24") group. All riders in age groups between 0 and 10 will race a 10m Wheel Walk, and 10m Ultimate Wheel, if used (instead of 30m). For these age groups there may also be different distances for certain other races, such as MUni and road races.

##### 2.1.4.1 700c RACING

A special introductory category for a new, larger wheel size. During the introductory period, riders may enter these races in addition to their regular track racing participation. The introductory races will be 100m and 1500m. Hosts may add additional events.

- For 700c racing, unicycles must have tires larger than 24.333" (61.8cm), but no larger than 29.5" (75cm).
- No restrictions on crank length.
- Aside from this, 700c unicycles must comply with all other requirements for racing unicycles.
- Age groups for 700c events will be determined by the convention host, based on the number and age of participants.

#### 2.1.5 SELECTING RACING AGE GROUP

All riders will compete in their age groups. After all age groups have completed each race, a *'Final'* heat will be held. The riders posting the fastest times in the age group heats will compete in the final, to determine the world champions for that race. They can be called *'Finalists.'* The number of finalists will depend on the number of usable lanes on the track. In the Obstacle Course, Slow Forward, Slow Backward, and certain other non-traditional races, final heats will not be held. Note: Age groups for artistic competition are to be considered separate from racing age groups.

#### 2.1.6 AGE GROUP HEATS

In the Obstacle Course, Slow Forward, Slow Backward, and some non-traditional races, finalist status will be awarded on the basis of finishing times in age group heats. The riders posting the best times in each of the above events are the World Champions for those events.

#### 2.1.7 FINAL HEATS

Finalists in the 100m, 400m, 800m, 50m One Foot and 30m Wheel Walk will be determined by the results of age group competition. There may be as many Finalists in an event as there are good lanes on the track for final heats. After all age group competition is complete for each event, the Finalists are determined by the best finishing times regardless of age

group. After this, the Finalist heat will be run. The best times in these heats determine the World Champions for those events.

### 2.1.8 FINAL HEAT RESULTS

If a rider disqualifies or gets a worse time in the final heat of a race, the rider's initial qualifying race time will still stand for his or her age category heat. The male and female winners of the final heats will be considered the World Champions for those events, even if a different rider posted a better time in his or her qualifying heat. Speed records can be set in any heat.

## 2.2 UNICYCLES FOR RACING

---

Only standard unicycles may be used. A standard unicycle has only one wheel, is driven by crank arms directly attached to the axle, and is propelled only by human force. Riders may use any number of unicycles, as long as all fit within the applicable restrictions for events in which they are entered.

### 2.2.1 WHEEL SIZE

This is the maximum allowable tire diameter. Smaller sizes may be used. Some manufactured tires are marked with sizes larger than they actually are, but may be within the allowable size limit and vice versa.

- For 24" wheels, the outside diameter of the tire may not be larger than 24.333" (61.8cm).
- For 20" wheels, the outside diameter of the tire may not be larger than 20.333" (51.6cm).
- For 16" wheels, the outside diameter of the tire may not be larger than 16.333" (41.5cm).

If a tire is in question, or has no size marked by its manufacturer, its outside diameter must be accurately measured.

### 2.2.2 CRANK ARM LENGTH

This is the minimum allowable length, measured from the center of the wheel axle to the center of the pedal axle. Longer sizes may be used.

- For 24" wheels, crank arms may be no shorter than 125mm (5").
- For 20" wheels, crank arms may be no shorter than 102mm (4").
- For 16" wheels, crank arms may be no shorter than 89mm (3.5").

## 2.3 DRESS

---

Riders must wear shoes, kneepads and gloves (definitions in sec. 1.19). In some events, a helmet is required. The Referee has final say on whether a rider's safety equipment is sufficient. Helmets and elbow pads are also good considerations for safe unicycle racing. The Starter will remove from the starting line-up any riders not properly equipped to race, including riders with dangerously loose shoelaces.

## 2.4 STARTING

---

Riders start mounted, holding onto a starting post or other support. Unicycle riders need to be leaning forward before the starting gun fires, so the Starter will give a four-count start. Example: "One, two, three, BANG!" This allows riders to predict the timing of the gun, for a fair start. There should be about 3/4 second between each number in the count, with the same amount of time between "One" and "Two" as there is between "Three" and BANG! Starters should practice this before the races begin. Timing of the count is very important for an accurate start. This count can be in the local language, or a language agreed upon before competition starts.

As an alternative a Startbeep apparatus can be used. In that case we have a six-count start. Example: "beep - beep -beep - beep - beep - buup!" The interbeep timing is one second. The first 5 beeps have all the same frequency. The final tone (buup) has a slightly higher frequency, so that the racer can easily distinguish this tone from the rest.

Riders start with the fronts of their tires (forwardmost part of wheel) behind the edge of the starting line that is farthest from the finish line. Rolling starts are not permitted in any race. However, riders may start from behind the starting line if they wish, provided all other starting rules are followed. Riders may lean before the gun fires, but their wheels may not move forward at any time. Rolling back is allowed, but nothing forward. Riders may place starting posts in the location most comfortable for them, as long as it doesn't interfere with other riders.

### 2.4.1 RIDERS MUST BE READY

Riders must be ready when called for their races. Riders not at the start line when their race begins may lose their chance to participate. The Starter will decide when to stop waiting, remembering to consider language barriers, and the fact that some riders may be slow because they are helping run the convention.

## 2.5 FALSE STARTS

---

These occur if a rider crosses the line before the gun is fired, or if one or more riders are forced to dismount due to interference from another rider or other source. If the same rider causes two false starts in one event, the rider is disqualified for that event. The Starter will fire the starting gun again to recall riders after a false start.

## 2.6 FINISHES

---

These are determined by the *front* of the tire crossing over the edge of the finish line that is nearest to the starting line. Riders are timed by their wheels, not by outstretched bodies. Riders must cross the line mounted and in control of the unicycle. "Control" is defined by the rearmost part of the wheel crossing completely over the finish line before any part of the rider touches the ground in a dismount. In races where dismounting is allowed (800m, Relay, MUni, road races, etc.), in the event of a dismount at the finish line the rider must back up, remount and ride across the finish line again. In races where dismounting is not allowed, the rider is disqualified.

### 2.6.1 TIMING AND FINISH LINE DISMOUNTS

In all races where dismounting is allowed, an official at the finish line must be in charge of judging dismounts. This finish line judge will be, or be appointed by, the racing referee. The finish line judge determines when riders must remount and cross the finish line again. After the rider has successfully finished the race and there is no correct time for that rider, the rider's finishing time will be calculated based on the time of the next rider to cross the finish line after the rider in question properly finished. The rider will receive a time penalty which will make his or her time .01 second faster than the rider who came after their successful finish.

## 2.7 LANE USE

---

In most races, a rider must stay in his or her own lane. A rider who goes outside his or her lane must immediately return to it. Riders are not usually disqualified for this unless it causes interference with other riders. No physical contact between riders is allowed during racing. 200m and 400m races are started with a stagger start. The 800m race may be started in one of two ways

**WATERFALL START:** This is a curved starting line that places all riders an equal distance from the first turn. If a waterfall start is used, non-lane rules apply (see below).

**STAGGER START:** Riders are started in separate lanes, at separate locations. They must stay in their lanes for a specified distance before they may 'cut in' to the inside lanes. Lane rules apply only up to this point.

### 2.7.1 NON-LANE RACES

This applies to 800m, MUni, road races, and other events without lanes. No physical contact between riders is allowed. Riders must maintain a minimum of one wheel diameter (24" as judged by eye) between each other when passing, and at all other times. This is measured from wheel to wheel, so that one rider passing another may come quite close, as long as their wheels remain at least 24" apart.

## 2.8 LANE ASSIGNMENTS

---

At some conventions, lanes are preassigned at time of registration. At other conventions, riders decide among themselves. If riders disagree, the Clerk makes lane assignments. In races where more than one heat is necessary per age group, every effort must be made to see that the fastest riders compete in the same heat. If the track has undesirable lanes due to potholes or other problems, this should be considered when lanes are assigned. A very bad or dangerous lane might not be used at all. The Referee can override the Clerk's choice of lane assignments. The general rule is that riders decide for themselves.

## 2.9 MIXING AGE GROUPS IN HEATS

---

There will be no mixing of age groups, or sexes, in heats except with permission from the Racing Referee.

## 2.10 PASSING

---

In track races, an overtaking rider must pass on the outside, unless there is enough room to safely pass on the inside. Riders passing on the inside are responsible for any fouls that may take place as a result. The passing rider's wheel must remain at least one wheel diameter (24") from the slower rider's wheel at all times. The slower rider must maintain a reasonably straight course, and not interfere with the faster rider.

## 2.11 DISMOUNTING

---

A dismount is any time a rider's foot or other body part touches the ground and the unicycle must be remounted. Except for the 800m, Relay, MUni, and some other non-traditional or off-track events, if a rider dismounts, he or she is disqualified. In races where riders are allowed to remount and continue, riders must immediately remount at the point where the unicycle comes to rest, without running. If a dismount puts the rider past the finish line, the rider must back up and ride across the line again. If a rider is forced to dismount due to the actions of another rider, or outside interference, the Referee decides if he or she can enter that race again in another heat. In non-lane races, if a rider is forced to dismount due to a fall by the rider immediately in front, it is considered part of the race and both riders must remount and continue. The Referee can override this rule if intentional interference is observed.

## 2.12 ASSISTING RACERS

---

In races where riders are allowed to remount, the riders must mount the unicycle completely unassisted. Spectators or helpers may help the rider to his or her feet and/or retrieve the dropped unicycle, but the rider (and the unicycle) may not have any physical contact with any outside object or person, including a starting block under the wheel, when mounting.

## 2.13 ILLEGAL RIDING

---

This includes intentionally interfering in any way with another rider, deliberately crossing in front of another rider to prevent him or her from moving on, deliberately blocking another rider from passing, or distracting another rider with the intention of causing a dismount. A rider who is forced to dismount due to interference by another rider may file a protest immediately at the end of the race. Riders who intentionally interfere with other riders may receive from the Referee a warning, a loss of placement (given the next lower finishing place), disqualification from that race/event, or suspension from all races.

## 2.14 PROTESTS

---

The official protest form must be available to riders at all times. All protests against racing results must be submitted in writing on the proper form after a race, until 15 minutes after the results are posted. The form must be filled in completely. This time may be extended for riders who have to be in other races during that time period. All protests will be handled within 30 minutes from the time they are received. Mistakes in paperwork, inaccuracies in placing, and interference from other riders or other sources are all grounds for protests. All Referee decisions are final, and cannot be protested.

## 2.15 MINIMUM RACING EVENTS

---

The following races: 100, 400, 800, One Foot, Wheel Walk, and Obstacle Course, are to be part of every UNICON. Convention hosts are free to add more racing events.

## 2.16 WORLD RACING CHAMPIONS

---

The best finishers combined from the 6 racing events listed above will win this title. Points are assigned for placement in each of the above races, based upon best times in the final heats or finishing age group times in the Obstacle Course. 1<sup>st</sup> place gets 8, 2<sup>nd</sup> place 5, 3<sup>rd</sup> place 3, 4<sup>th</sup> place 2, and 5<sup>th</sup> place 1. Highest total points score is the World Champion; one each for male and female. If there is a tie, the rider with the most first places wins. If this still results in a tie, the title goes to the better finisher in the 100m race. Points are not earned in age group heats.

## TRADITIONAL SPECIALTY RACES

These races should be part of every UNICON:

### 2.17 ONE FOOT

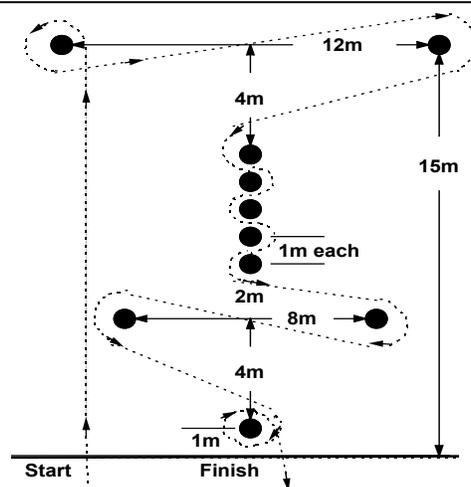
Riders pedal with both feet for the first 5 meters, but must be pedaling with only one foot after crossing the 5m line. The non-pedaling foot may be braced against the unicycle fork, or extended.

### 2.18 WHEEL WALK

Riders start mounted, with their feet on the tire, and propel the unicycle only by pushing the tire with their feet. No contact with pedals or crank arms is allowed. No crank arm restrictions.

### 2.19 OBSTACLE COURSE

At right is the official Obstacle Course, in which you must ride around 10 cones in the correct pattern. The direction of the turns should be marked by arrows on the ground for riders who do not know the course. The rider starts at a four count by the Starter. No flying starts. Cones may be hit, but not knocked over. The course must be followed correctly, including the direction of turns. The last cone must be completely circled before the rider's time is taken at the finish line. Riders who go the wrong way around a cone can go back and make the turn the correct way with the clock still running. The cones used are plastic traffic cones. For official competition, cones must be between 45 and 60cm tall, with bases no more than 30cm square. The course must be set up accurately. The proper positions of the cones should be marked on the ground for a cone to be replaced quickly after it has been knocked over. Riders get two attempts.



## OTHER SPECIALTY EVENTS

### 2.20 50M FAST BACKWARD

Riders must face and pedal backward. The Starter lines up the *rear* of the tire above the start line. Helmets are mandatory. Timing is stopped when the rear of the tire crosses the finish line.

### 2.21 10M SLOW RACE

The object is to ride in a continuously forward motion as slowly as possible without stopping, going backward, hopping, or twisting more than 45 degrees to either side. Two different board sizes are used: Age 0-10: 10m x 30cm. Age 11-UP: 10m x 15cm. The Slow Race is measured using the *bottom* of the unicycle wheel. Riders start with the bottom of the wheel on the starting line. On command by the Starter, the rider must immediately start forward motion and let go of starting posts. The timer stops the watch when the bottom of the tire touches either the finish line, or the ground after the line on boards which *end* at the finish line. Riders can be disqualified for very slight stops or backward motions, twisting more than 45° to the side, riding off the sides of the board, dismounting, *or not wearing safety equipment*. Riders get two attempts.

### 2.22 10M SLOW BACKWARD

This is the same as the slow forward race EXCEPT: 0-10 ride on 60cm board, 11-Up ride on 30cm board.

## 2.23 10M SLOW GIRAFFE RACE

---

This is the same as slow forward, but on giraffes. Helping hands can be used as starting posts. No limits on size or gear ratio, but unicycles must have their pedal axle *above* the wheel axle, with a chain, belt, or other form of drive system.

## 2.24 RELAY

---

Usually 100m x 4. The same rules as for track races apply. Mixed male/female teams may be used. Riders may remount if necessary, and must pick up the baton if it is dropped. Usually there are no age groups. If the baton is not handed over within the marked areas, the team will be disqualified.

## 2.25 700c RACING

---

Races of any length and type can also be conducted in a 700c wheel category.

- Maximum wheel diameter: 29.5", or 75cm.
- If these races are intended to exclude 24" wheels, also use a minimum wheel size of 24.333" (61.8cm).
- No restrictions on crank length.
- Beyond these, 700c unicycles must comply with all other requirements for racing unicycles.
- The host may choose age groups.

## 2.26 ULTIMATE WHEEL

---

An ultimate wheel is a unicycle with no frame or seat. The traditional distance is 10m for 0-10 riders, and 30m for 11-UP riders. Usually, the maximum wheel size is 24" for all ages, with 5" minimum crank arm length (distance from wheel center to pedal center). The Host sets these limitations.

## 2.27 JUGGLING UNICYCLE RACE

---

The traditional distance is 50m. Riders use the 5m line from the One Foot Race, and must be juggling when they cross this line. Three or more non-bouncing objects must be used. If an object is dropped (hits the ground) or the juggling pattern is otherwise stopped, the rider is disqualified. Two balls stopping in one hand during a 3 ball cascade is defined as stopping. Riders who start by juggling four or more objects may drop one, as long as their pattern continues, unbroken, into three. The juggling pattern must be 'in control' when the rider crosses the finish line. 'Control' is determined by the Referee.

## 2.28 MOUNTAIN UNICYCLING (MUND)

---

Formerly known as UMX (Unicycle Motocross), these are off-track races over any type of terrain. Traditionally it is a single heat race, with all riders starting together (finishers are divided by age group later). 0-10 riders may be given a shorter distance. A typical distance is 1-2 km, over anything from dirt to parking lots, hills, ditches, curbs, rocks, sand, mud, grass, etc. The course must be clearly marked. Non-lane passing rules apply. Generally there are no restrictions on wheel size or crank arm length.

### 2.28.1 UNICYCLE TRIALS

In Unicycle Trials (Trials), the object is to ride over a series of difficult obstacles with the least number of dismounts. The detailed rules are found in section 11.

## 2.29 HIGH JUMP

---

This event is similar to the track and field version, with the rider jumping over a bar, without knocking it down, and landing without a dismount. The bar must be held loosely in the jumping apparatus so it can fall or break away if the rider does not complete the desired height. There are three parts to a successful jump:

1. Riders must mount before the start line, to show they are on the unicycle and in control. The attempt starts when the rider crosses the start line. The rider may break off from a jumping attempt before leaving the ground, but must then start again from behind the start line.

2. Riders must jump over the bar, without knocking the bar off the apparatus. The bar can be hit as long as it does not fall. If the bar falls before the rider crosses the finish line, it counts as an unsuccessful attempt.
3. After landing, the rider must stay in control of the unicycle for a minimum of three meters without dismounting, touching a hand to the ground or any other object, or knocking down the bar or any of the high jump apparatus.

Riders get two attempts at each height. The rider starts at a low height and after each successful attempt; the height increases at set intervals until the rider fails to be successful on both attempts. When the rider fails both attempts, the maximum height that was completed is recorded.

### **2.29.1 UNICYCLES:**

Standard unicycles must be used (see definition). No restriction on wheel or crank size. For best results, metal pedals should be allowed for their strength and better grip. This may make it impossible to hold this event on a sensitive track surface. NOTE: In addition to the required safety gear for racing, helmets are required.

### **2.29.2 SETUP:**

The riding area consists of a start line, behind which riders must start their attempt, a jumping apparatus 3 meters away, and a finish line 3 meters beyond the jumping apparatus. The two lines and apparatus must all be parallel. Riders must ride or hop across the finish line for the attempt to count. Successfully crossing the finish line is judged the same as in racing (see Section 2.6).

## **2.30 LONG JUMP**

---

This event is similar to the track and field version, where the rider jumps as far as possible from a start line, to a landing without a dismount. The rider must then continue riding across a finish line to show control. Riders jump from a line marked on the ground, and one or more observers mark their point of landing. Riders must ride at least 3 meters before jumping, and may ride any additional distance to gather speed. Riders may jump with the wheel going forward or sideways. After landing, the rider must stay in control of the unicycle for the remainder of a five-meter distance from the start line without dismounting, or touching a hand to the ground or any other object. If the tire touches the jump line before takeoff, it counts as a foul. Riders may break off in a run up to the line, but if they jump, the attempt counts, including fouls. If riders break off, they must start again from before the Start line. Riders get two attempts. The farthest non-fouling, successful jump is recorded.

### **2.30.1 UNICYCLES:**

Same as for High Jump. NOTE: In addition to the required safety gear for racing, helmets are required.

### **2.30.2 SETUP:**

The riding area consists of a start line, behind which riders must start their attempt, a jump line, and a finish line approximately 3 meters beyond the riders' landing point. Riders must ride or hop across the finish line for the attempt to count. Successfully crossing the finish line is judged the same as in racing (see Section 2.6). A minimum of 10 meters must be allowed before the start line for riders to accelerate.

### **2.30.3 BASIC JUDGING:**

Long Jump judges must be trained, and practice before judging actual competitors. The basic method is to use two judges; one on each side of the rider's path. A single judge is acceptable for smaller competitions. A third judge is recommended for watching the takeoff line. Judges must watch for the exact landing point of the tire. Measurement is taken from the rearmost point of the tire's initial contact with the ground. If the two judges disagree on the landing point, measurement is made from the one closest to the start line.

### **2.30.4 STRICT JUDGING:**

For large competitions, close competitions or for setting new records, a more objective measuring system can be used. This involves takeoff and landing markers to confirm the rider has cleared the measured distance. The markers should be similar in shape to a meter stick, and be at least one meter in width (across the runway), no more than 1 centimeter in height (above the runway), and no less than 3 centimeters in depth (front to back). All other rules remain the same, but the rider must clear both markers without touching them for the event to count. Jump distance is measured between the outer edges of the two markers.

### **2.30.5 STRICT FINALS:**

If basic judging is used in a large competition, a final round can be held using the strict method to make a clear determination of the winners. The riders posting the top five distances in the preliminary round move on to the final, and do incremental jumps of the two markers until they make two unsuccessful attempts at the same distance. The distance of their longest previous jump is recorded and the furthest of those is the winner.

### **2.31 UPHILL**

---

This is a race up a hill. It can be a single rider against the clock, or groups riding simultaneously. One version of this race is a hill that is ultra-steep; the challenge being to get to the top at all. This would be on an unpaved hill. Another version can be on a steep uphill street, with racers going for the best time.

### **2.32 10KM ROAD RACE**

---

This is a race over 10km. It is usually held on roads or bike paths. All riders race together and are separated by age group later. Water stations should be provided at least every 5 km.

---

The above races are usually divided by age group. The events listed below are intended for participation by a smaller percentage of the competitors and are held in only a few, or a single age group, which would be called Expert, but would be open to all riders (still divided male/female).

### **2.33 COASTING EVENTS**

---

A test to see who can coast the farthest distance. Riders' coasting distances are measured from a 'starting line.' The farthest distance from the line wins. The distance is measured to the rearmost part of the rider that touches the ground when dismounting, or to the rear of the tire where the rider stops coasting. Remounting is not allowed. Riders must not touch any part of their tires, wheels or pedals while coasting. Riders get two attempts. If a rider crosses the coasting line (front of the tire) not in coasting position, he or she is disqualified in that attempt. The riding surface should be as smooth and clean as possible, and it may be straight or curved. Ample time must be allowed for all competitors to make some practice runs on the course before the official start. The type of event(s) to be used should be announced well in advance of the competition. Crank arm rules do not apply in any coasting or gliding events.

#### **2.33.1 ROAD COASTING**

This event is best held on a roadway with a very slight downward slope. Riders are allowed an unlimited distance to speed up and start coasting before the starting line.

#### **2.33.2 TRACK COASTING**

30 meter starting distance. This event is held only on a track, or a very level, smooth surface. Wind must be at a minimum for records to be set and broken. This event can be compared with other races at different tracks worldwide.

#### **2.33.3 DOWNHILL COASTING**

This is a speed coasting event, with the same rules as 2.34.2 "Downhill Glide," except riders must be coasting instead of gliding. Dismounts before the finish line disqualify the rider in that attempt. The slope must be very gradual for this event to be safe, and helmets are mandatory.

### **2.34 GLIDING EVENTS**

---

Gliding is like coasting, but with one or both feet dragging on top of the tire to provide balance from the braking action. These events are similar to the coasting events above, with riders gliding for time or distance from a given point. The rules are the same as for the coasting events (above) with the addition that the riding surface must be dry. Coasting is allowed.

#### **2.34.1 SLOPE GLIDE OR TRACK GLIDE**

A slope glide can be done on a small hill. Riders start on the hill, gliding down to level ground and continuing as far as they can before stopping. This event can have a limited starting distance, or no starting distance at all, with riders gliding from a dead stop. If it is a Track Glide, it is held on a track with the same rules as Track Coasting (see section 2.33.2).

### **2.34.2 DOWNHILL GLIDE**

A downhill race for speed. Riders start from a standstill, or speed up to the 'starting line.' Riders are timed over a measured distance to the finish line. Dismounts before the finish line disqualify the rider in that attempt. Helmets are mandatory.

### **2.35 MEDLEY**

---

This is a race involving riding several different ways of riding.

**Example:** Forward 25m, seat in front 25m, one foot 25m, hopping 10m, with 5m transition areas. Rules are set by convention host. Remounting is allowed.

### **2.36 UNLIMITED TRACK EVENTS (100M OPEN)**

---

An unlimited race is one in which there are no unicycle size restrictions. Any size wheels, any length crank arms, giraffes or any types of unicycles (see definition) are allowed. All other track racing rules apply. Helmets are mandatory.

### **2.37 UNLIMITED ROAD RACE**

---

The 100 mile speed records listed in the Guinness Book of World Records are the results of Unlimited Road Races. The race distance should be no less than 5 km. Helmets are mandatory. For longer distances, water stations should be provided every 5 km. This race can be held in conjunction with a 10km or other road race.

### **2.38 MARATHON**

---

The Marathon is a race over a distance of 42.195km. It is usually held on roads or bike paths. All riders race and are separated by age group later. Water stations should be provided at least every 5 km. Helmets are mandatory.

### **2.39 OTHER RACING EVENTS**

---

Can be invented or added by hosts. Unicycle conventions in the past have had events such as 'Fun' Obstacle Courses, Giraffe Races, Walk (the wheel)-a-thon, Rock-a-thon, Ride-a-thon, Bounce-a-thon, juggling Obstacle Course, Ramp Jump, Water Balloon Toss (on unicycles), Giraffe Mounting Contest, and many more.

## 3 Artistic Events: Overview and Shared Rules

### 3.1 TYPES OF ARTISTIC EVENTS

There are four types of artistic events: **Standard Skill**, **Freestyle**, **Open-X** and **Street Freestyle**. In Standard Skill, riders demonstrate pure skill and mastery on a standard unicycle, by performing up to 18 skills they have pre-selected. Standard Skill judging is based on the point value of the skills and quality of their execution, not the ‘show.’ In Freestyle, riders perform to music, with costumes, props and any kinds of unicycles. Riders are judged not only on skill, but also on how well they entertain and put on a show. There are Individual, Pair, and Group Freestyle events. In Open-X, riders perform with no judging of music and costume, with a higher emphasis on originality and creativity. Street Freestyle is sort of a cross between Freestyle and Open-X, with the addition of an array of Trials-type obstacles to ride on. Riders are judged on the skill and creativity of moves and combinations they do, using both the flat ground and the obstacles.

### 3.2 AGE GROUPS FOR ARTISTIC

**Note:** Age groups for racing and age groups for artistic events are chosen separately, based upon the rider’s skills and needs. The minimum allowable age groups are listed for each event. Convention hosts are free to add more age groups. Age group is determined by the rider’s age on the first day of the convention. Junior Expert, if used, is open to all riders 0-14. Expert is open to riders of any age, including 0-14. Riders must state the age group in which they are entering for each artistic event in which they participate.

**Example:** Riders who enter Individual Freestyle as Experts can enter Pairs in their age group if they wish. Riders are divided male/female in Standard Skill and Individual Freestyle, but not in Pairs or Group.

### 3.3 INDIVIDUAL STANDARD SKILL OVERVIEW

**MINIMUM AGE GROUPS:** 0-14, 15-UP. Best overall scores determine which competitors reach the Expert ranks.

**TIME LIMIT:** Three minutes (all ages).

**UNICYCLE:** One standard unicycle only (see definition). There are no limitations on wheel or crank arm size.

**MUSIC:** Music is not judged. Background music will be provided during all routines, or competitors may provide their own. Competitors may also, at their request, have no music played. See also section 3.18.

**COSTUME AND PROPS:** Clothing has no influence on the score. Riders are encouraged to dress in the uniform of their national teams or clubs, or in clothing that represents their teams, groups or countries. No props.

**JUDGING METHOD:** Riders are judged only on the quality of execution of the skills they have chosen to perform. Each figure has a predetermined point value. Judges deduct points for mistakes, such as dismounts, poor form, performing figures out of order, etc.

**SKILLS TO BE PERFORMED:** Only skills found in the IUF Standard Skills List may be used. The proper methods for performing these skills are found in the ‘Descriptions’ section of this list. If illustrations of figures disagree with their descriptions, the descriptions apply.

### 3.4 INDIVIDUAL FREESTYLE OVERVIEW

**MINIMUM AGE GROUPS:** 0-14, 15-UP, Expert. The decision to enter as Expert or Jr. Expert is optional, but must be stated in advance.

**TIME LIMITS:** 2 minutes for riders 0-14 (except Jr. Expert), 3 minutes for all other age groups (except Expert). Jr. Expert has a maximum of 3 minutes and Expert has a maximum of 4 minutes.

**UNICYCLES:** Any type and any number.

**MUSIC, COSTUME AND PROPS:** All are judged, and must be considered in the performance. Check the rules of the specific convention for prop restrictions. Fire and sharp objects (i.e. juggling knives) are prohibited.

**JUDGING METHOD:** Riders’ scores are divided into two parts called Technical and Presentation, each receiving 50% of the score. Read the Freestyle Judging section to learn more.

**MAXIMUM NUMBER OF COMPETITORS FOR JR. EXPERT AND EXPERT:** Each country can submit a maximum of three individuals in each category to compete at Unicon in the Individual Freestyle events (three in Jr Expert Male, three in Jr Expert Female, three in Expert Male, three in Expert Female). If a country has placed 1st, 2nd, or 3rd in Individual Freestyle at the previous Unicon, they can submit one additional competitor for each placing in that category. For example, if Country-A wins first place in Expert Male at the previous Unicon, they may submit up to four individuals for Expert Male at the current Unicon. If Country-B wins second and third place in Jr Expert Female at the previous Unicon, they may submit up to five individuals in Jr Expert Female at the current Unicon.

**METHOD FOR LIMITING:** A country that wishes to submit more than their allotted number of individuals should hold a competition using the IUF judging methods to determine their competitors. The date of the competition must be communicated to the Chief Judge and Artistic Director at least three months prior to the start of the Unicon. If a country is unable to hold a competition, a random draw will be held at least three months prior to the start of Unicon to select the individuals.

### 3.5 OPEN-X OVERVIEW

---

**AGE GROUP:** 15-UP only, male/female combined.

**TIME LIMIT:** Three minutes.

**UNICYCLES:** Any type and any number.

**MUSIC, COSTUME AND PROPS:** Riders are encouraged to bring their own music, but it is not judged. Costume is not judged. Use of props is judged similar to Individual Freestyle.

**JUDGING METHOD:** Originality and creativity are 50% of the score. Difficulty is 25%, which includes how well, or how successfully, all moves are performed. The last 25% style, props, and other skills. The emphasis is on unicycle skills, with less emphasis on "show."

### 3.6 STREET FREESTYLE OVERVIEW

---

**MINIMUM AGE GROUPS:** None.

**TIME LIMITS:** 3 minutes for finals, and 2 minutes if preliminary rounds are used.

**UNICYCLES:** Any type and any number. Trials unicycles with metal pedals and marking tires are allowed, so this competition is generally intended for outdoors.

**DRESS:** Riders must wear the same gear required for unicycle racing (see Section 2.3), plus helmets. Riders found not to be wearing the minimum required safety gear will be disqualified.

**MUSIC:** Music is not judged. Competitors may provide their own music, or background music will be played.

**COSTUME AND PROPS:** Clothing has no influence on the score. Riders are encouraged to dress in the uniform of their national teams or clubs, or in clothing that represents their teams, groups or countries. No props allowed, other than what is included in the performing area.

**JUDGING METHOD:** 50% of the score is based on level of Difficulty, which includes how well, or how successfully, all moves are performed. The other 50% of the score is for Style, which originality, creativity, personality and daring.

### 3.7 PAIRS FREESTYLE OVERVIEW

---

**MINIMUM AGE GROUPS:** Age group (all ages), Expert. Each rider may enter only once. The age group of the older rider is the age group for the pair. Expert is treated as the "oldest" age group, followed by Jr. Expert, and then all other age groups. The decision to enter as Expert or Jr. Expert (if used) is optional, but must be stated in advance.

**TIME LIMITS:** Same as Individual Freestyle.

**UNICYCLES:** Any type and any number.

**MUSIC, COSTUME AND PROPS:** Same as Individual Freestyle.

**JUDGING METHOD:** Same as Individual Freestyle, 50% for Technical, and 50% for Presentation. In Pairs, there is extra emphasis on teamwork, two person skills, etc. (see Judging Criteria).

**MAXIMUM NUMBER OF COMPETITORS FOR JR. EXPERT AND EXPERT:** Each country can submit a maximum of three pairs in each category to compete at Unicon in the Pairs Freestyle events (three in Jr Expert Pairs, three in Expert Pairs). If a country has placed 1st, 2nd, or 3rd in Pairs Freestyle at the previous Unicon, they can submit one additional competitor for each placing in that category. For example, if Country-A wins first place in Expert Pairs at the previ-

ous Unicon, they may submit up to four Pairs for Expert Pairs at the current Unicon. If Country-B wins second and third place in Jr Expert Pairs at the previous Unicon, they may submit up to five individuals in Jr Expert Pairs at the current Unicon. If a pairs team is submitted consisting of members from two countries, that team must choose one of their two countries to represent.

**METHOD FOR LIMITING:** A country that wishes to submit more than their allotted number of pairs should hold a competition using the IUF judging methods to determine their groups. The date of the competition must be communicated to the Chief Judge and Artistic Director at least three months prior to the start of the Unicon. If a country is unable to hold a competition, a random draw will be held at least three months prior to the start of Unicon to select the competitors.

### 3.8 GROUP FREESTYLE OVERVIEW

---

**MINIMUM AGE GROUPS:** None.

**MINIMUM NUMBER OF RIDERS:** Three. Each rider may enter Group Freestyle only once. A rider may appear in a second Group Freestyle performance with permission of the Chief Judge, to replace a rider due to illness, injury or other mishap.

**TIME LIMIT:** Six minutes.

**UNICYCLES:** Any type and any number.

**MUSIC, COSTUME AND PROPS:** Same as Individual Freestyle.

**JUDGING METHOD:** Same as Individual Freestyle. Extra emphasis on teamwork and multiple person skills, such as formation riding. Extra consideration will be given to account for widely different group sizes, relative skill levels, and relative ages of riders.

**MAXIMUM NUMBER OF GROUPS:** Each country can submit a maximum of two groups to compete at Unicon in the Group Freestyle event. If a country has placed 1st, 2nd, or 3rd in Group Freestyle at the previous Unicon, they can submit one additional group for each placing. For example, if Country-A wins first place at the previous Unicon, they may submit up to three groups at the current Unicon. If Country-B wins second and third place at the previous Unicon, they may submit up to four groups at the current Unicon.

**METHOD FOR GROUP LIMITING:** A country that wishes to submit more than their allotted number of groups should hold a competition using the IUF judging methods to determine their groups. The date of the competition must be communicated to the Chief Judge and Artistic Director at least three months prior to the start of the Unicon. If a country is unable to hold a competition, a random draw will be held at least three months prior to the start of Unicon to select the groups.

### 3.9 GROUP STANDARD SKILL OVERVIEW

---

This event is similar to Individual Standard Skill, but with four person teams of any sex, on standard unicycles only. Rules are published separately. This event is held at the discretion of the convention host.

#### GENERAL RULES

These rules apply to all artistic events, unless otherwise noted.

### 3.10 SIZE OF PERFORMING AREAS

---

For international competitions, the performing area must be 14m wide x 11m deep for all individual and pairs events. At smaller events, smaller sizes can be used, but no smaller than 12m wide x 9m deep. The boundaries of the areas must be clearly marked on the floor, with lines at least 3cm wide. The distance between the outer edges of the performing areas and walls, poles or other stationary objects must be no less than 50cm. For group events, the performing area must be no smaller than 26m wide x 14m deep, but this area need not be marked, and competitors may use the entire space available. Hosts must publicize the dimensions of the available performing area as far in advance of the competition as possible. Riders or groups who go outside the boundaries may get a reduced score (see Judging Criteria).

#### 3.10.1 STREET FREESTYLE PERFORMING AREA

The Street Freestyle performing area consists of a flat area, plus a number of obstacles to ride on. These are similar to Trials obstacles (see Section 11). Trials and Street Freestyle competitions can be held in the same location. Typical obstacles will be stair sets, skinnies, benches, spools, platforms, grinding rails, and anything that can be creatively used in this event. The

size of the area is flexible, to allow for the obstacles plus a flat area. The boundaries need not be marked, as long as riders understand what areas are off-limits.

### **3.11 ORDER OF PERFORMANCE**

---

The method of choosing performance order is up to the Artistic Director.

#### **3.11.1 RIDERS MUST BE READY**

Riders who are not ready at their scheduled performance time may or may not be allowed to perform after the last competitor in their age group. The Chief Judge will remember to consider language barriers, and that riders may be engaged in convention work to slow them down. Except for Standard Skill, a rider may not perform before a different set of judges than those that judged the rest of their age group.

### **3.12 PERFORMANCE SET-UP**

---

Competitors are allowed a maximum of two minutes to set up their unicycles and props in the performing area. Competitors who take too long risk being disqualified. An extension of the set-up time can be given only by the Chief Judge and must be requested *in advance*. Competitors must show a legitimate need when requesting more time, such as numerous props or complicated special effects.

### **3.13 START OF PERFORMANCE**

---

The judging, the stopwatch, and the ‘performance’ all start at the same time. The Timer starts the watch at the beginning of the music, or at a signal from competitors, whichever comes first. The signal can be a nod, wave, bow, verbal cue (“Start!”) or any clearly understandable means. An acoustic signal (such as a whistle) will indicate that the timing and judging have started. Any non-unicycling activities such as dancing, posing, acrobatics, etc., must be included within the time limit of the routine to be judged. In Standard Skill routines, the end of each minute will also be indicated by an acoustic signal. In all Freestyle routines, an acoustic signal will indicate when there are 30 seconds left. In all artistic events, two acoustic signals or a different signal will indicate the end of the riding time and end of the judging.

### **3.14 RIDER’S NO-SIGNAL OPTION**

---

(Freestyle and Open-X only) A rider may have a well-planned routine to music that he or she knows is under the time limit, and does not wish for the acoustic signals to detract from his or her performance. When riders sign up with the Rider Liaison they can request “No acoustic signals.” This will eliminate the ‘Start’ signal, and the 30 second warning. The Timer will still keep the time, and if the rider exceeds the time limit, the Timer will make the ‘double acoustic signal’ to indicate the rider has run overtime. This does not apply to Standard Skill.

### **3.15 INTERRUPTION OF JUDGING**

---

An interruption of judging can result from material damage, injury or sudden illness of a competitor, or interference with a competitor by a person or object. If this happens, the Chief Judge determines the amount of time left and whether any damage may be the fault of the competitor. Re-admittance into competition must happen within the regulatory competition time. If a routine is continued and the competitor was not at fault for the interruption, all devaluations coming forth from the interruption will be withdrawn.

### **3.16 END OF PERFORMANCE**

---

The performance ends at a signal from the rider, such as a bow or “Thank you,” or at the end of the time limit. An acoustic signal will indicate the end of the time limit. Any figures or performing that are done after the end of the time limit will not be judged. In Standard Skill, if the rider is in mid-figure, only the part of that figure that was executed before the time ended will be counted (see section 4.9.3). If the figure was less than 50% complete, a 100% devaluation will be given. If between 50% and 100% was completed, a 50% devaluation will be given. Any figures that have not been performed receive 100% devaluations. In Freestyle events, going over the time limit will reduce the rider’s score. All time limits are *maximums*. Riders are free to use less time and will not lose points for doing so. A routine that is very short may suffer in points over a routine with more content. However, a routine that is boring, repetitive or ‘padded’ may lose points for being too long. The rider must decide what’s best.

### **3.17 CLEAN-UP**

---

In unicycling, a clean, dry riding surface is essential. After a performance, the riding area must be left the way it was before the performance. Riders and their helpers must clear all props, unicycles, and debris from the performing area within two minutes. The next rider may also be setting up during this time.

### **3.18 MESSY PERFORMING AREA**

---

Riders who are thinking of using messy props in their performances must carefully consider the above rule. Popping balloons, dirt or powder, confetti, water, pies, etc. may take longer than two minutes to remove. Special permission must be received from the Chief Judge or Artistic Director before any such props are used. Competitors who make messes they are unable to remove may be disqualified from the event.

### **3.19 MUSIC**

---

In Freestyle events, music is included in the judging and competitors should use it. In Open-X, music is recommended but is not judged. In Standard Skill music is not judged. But background music will be provided during all Standard Skill routines, or competitors may provide their own. Competitors may also, at their request, have no music played. It is recommended to have one or more backup copies of all music in case of loss or damage. For recordable disks, competitors are also recommended to test their music on multiple players to make sure it will work at competition time.

#### **3.19.1 MEDIA TYPES**

The host is required to have the capability of playing recordable CDs. Other media types may also be supported, at the host's discretion. The Artistic Director is responsible for announcing what media types will be supported, and making sure the necessary equipment is provided.

#### **3.19.2 MUSIC PREPARATION**

Competitors must provide their music in a type that is supported, and has been announced by the Artistic Director. All music must be clearly labeled with the competitor name(s), age group, and event type (such as Pairs). Whenever possible, competition music should be the first track on the CD, mini-disk, or other optical media. The DJ (music operator) is not responsible for errors if competition music is on a different track. If other than 1, track number should be included in labeling. For cassettes or other tapes, if available, labeling must also indicate which side the music is on. Competition music should be at the beginning of the tape, and the tape should be wound to a point within 1-3 seconds of the start of the music. The DJ is not responsible for tapes that are not ready to be played.

#### **3.19.3 MUSIC VOLUME**

Volume level is controlled by the DJ, at instructions from the Chief Judge. The base volume for Freestyle and Open-X music should be loud enough to sound clear, and be heard by all. For Standard Skill, volume level should not be loud enough to interfere with judge communication, but otherwise similar to the level for Freestyle and Open-X. Some competitors' music may start with especially loud or quiet sections, and the DJ should be advised of these so volume levels do not get compensated in the wrong direction. Some competitors may request that their music be played at lower levels. These requests can be made directly to the DJ. Requests for higher volumes must be approved by the Chief Judge, who has the option of passing this responsibility to the DJ.

#### **3.19.4 SPECIAL MUSIC INSTRUCTIONS**

Some competitors may have special music instructions, such as stopping or starting the music at a visual cue, changing volume level during the performance, etc. The DJ is not responsible for errors carrying out these instructions. For best results, the competitor should supply a person to coach the DJ during the performance, so there are no mistakes. If the DJ receives instructions that sound unusual, the Chief Judge should be consulted for approval.

### **3.20 ANNOUNCING OF RESULTS**

---

Final results will be continuously announced and/or posted for public view. Results Sheets will be posted after each age category of an event. The protest period begins at this point.

## 3.21 PROTESTS

---

Must be filed in writing, within 15 minutes from the posting of event results. Protest against judges' scores is not permissible. Protest is only possible against calculation mistakes or other mistakes not connected to the scoring. The Chief Judge must resolve all protests within 30 minutes from receipt of the written form.

## 3.22 FREESTYLE AND OPEN-X JUDGING PANEL

---

There are five (or more) judges. All judges must have a good knowledge of the relative difficulty of unicycling skills, and a complete knowledge and understanding of the rules and judging criteria for the events they are judging. Creativity and Originality can only be judged by someone with a knowledge of what has been done in the past. People attending their first artistic unicycle competition should watch and learn, but not judge. Details about the Standard Skill judging panel are covered in section 4.7.

### 3.22.1 SELECTING JUDGES

A person should not judge an event if he or she is

Parent, child or sibling of a rider competing in the event.

Individual or team coach, manager, trainer, etc. of a rider competing in the event.

More than one judge from the same family judging the same event at the same time.

No more than one member of a national team, club or group may be at a judging table at one time.

If the judging pool is too limited by the above criteria, restrictions can be eliminated starting from the bottom of the list and working upward as necessary only until enough judges are available. The eliminations must be agreed upon by the Chief Judge and Artistic Director, or next-highest ranking artistic official if the Chief Judge and Artistic Director are the same person.

### 3.22.2 ASSIGNMENT OF AGE GROUP JUDGES

Judging seats will be allotted to individuals, groups, and national teams in proportion to their combined artistic participation at the convention. The registration count should be taken approximately one week prior to the convention. Actual judging assignments will be made by the Chief Judge from lists of registered and qualified people.

### 3.22.3 ASSIGNMENT OF EXPERT (AND JUNIOR EXPERT) JUDGES

Assignments for Expert and Jr. Expert (if used) judges will be made by the Chief Judge using the most qualified of all judges available. A list of qualified Expert (and Jr. Expert) judges should be registered with the Artistic Director and/or Host prior to each event. All judges for the Expert Freestyle groups must have previous UNICON judging experience.

### 3.22.4 STANDARD SKILL VS. FREESTYLE VS. OPEN-X JUDGING

With entirely different sets of rules, qualified judges for Standard Skill are not necessarily qualified to judge Freestyle, Open-X, and vice versa. Judge qualifications must list the types of events they are qualified to judge.

### 3.22.5 JUDGING PANEL MAY NOT CHANGE

The individual members of the judging panel must remain the same for entire age groups; i.e. one judge may not be replaced by another except between age groups. In the event of a medical or other emergency, this rule can be waived by the Chief Judge.

### 3.22.6 RATING JUDGE PERFORMANCE

Judges can be rated using one or more of the following methods

Rate the judge based on years of experience (riding, judging, etc.).

Rate judges on a test that is sent to them (at the minimum this kind of test should be able to tell if the prospective judge at least has read the judging packet that they received).

Rate on past performance, comparing their scores to those of other judges at previous competitions.

Characteristics of Poor Judging

**Excessive Ties:** A judge should be able to differentiate between competitors. Though tying is most definitely acceptable, excessive use of tying defeats the purpose of judging.

**Group Bias:** If a judge places members of a certain group or nation significantly different from the other judges. This includes a judge placing members significantly higher or significantly lower (a judge may be harsher on his or her own group members) than the other judges.

**Inconsistent Placing:** If a judge places a large number of riders significantly different from the average of the other judges.

### 3.23 SCORING

---

In all events except Standard Skill, the scores of each judge are transferred into *placing points*, which represent the ranking of each competitor by that judge. The highest scoring competitor gets 1 placing point, the next one gets 2, and so on.

**Note:** The ranking number, or highest placing point available for a competitor depends on the number of entries in that category. If two or more competitors have the same score, they are awarded equal portions of *the total number of placing points available for the places they occupy in the ranking*.

**Example:** Seven competitors. Four of them tie for 2<sup>nd</sup> place. 7<sup>th</sup> place gets 7 points, 6<sup>th</sup> place gets 6 points, and 1<sup>st</sup> place gets 1 point. For the other four competitors, add up the other placing points numbers: 2+3+4+5=14. Divide this by the number of competitors (4) to get 3.5 placing points each.

#### 3.23.1 REMOVING THE HIGH AND LOW

After determining placing points as above, discard the highest and lowest placing score for each rider. If Rider A has scores of 1,2,1,3,2, take out one of the ones, and the three. Then Rider A has 1,2,2, for a total of 5. If Rider B has scores of 2,2,2,2,2, he will end up with 2,2,2, a total of 6. The winner is the competitor with the lowest total placing points score after the high and low have been removed.

#### 3.23.2 TIES

If more than one competitor has the same placing score after the above process, those riders will be ranked based on their placing scores for Technical. The scoring process must be repeated using only the Technical scores for the tied riders to determine this rank. High and low placing scores are again removed in the process. If competitors' Technical ranking comes out equal, all competitors with the same score are awarded the same place.

### 3.24 WORLD CHAMPIONS

---

**STANDARD SKILL, INDIVIDUAL FREESTYLE, PAIRS FREESTYLE, GROUP FREESTYLE, OPEN-X:** Winners in the Expert category of each event are the *World Champions*. In the individual events, separate titles are awarded for male and female (excluding Open-X if only one competition group is offered). If used, winners in the Jr. Expert category are the *Junior World Champions*.

## 4

## Standard Skill

These are the guidelines by which Standard Skill competition is to be executed. At times, however, situations may occur in which the regulations cannot be followed exactly. This applies to minor details; not to principal rules. For instance, if the size of the available accommodation would cause the size of the riding area to be slightly smaller than required, that can be approved by a majority vote of the judging panel. Whatever differences from the rules are approved must be made known to all participants before competition. Any situation that may occur for which the rules do not provide a solution, shall be solved by the Chief Judge or by a majority vote in a meeting chaired by the Chief Judge, at which all judges active in the concerned event must be present.

## 4.1 FLOOR, MARKINGS AND FIGURE SHAPES

See diagram. The riding surface must allow flawless riding. The riding area must be sufficiently illuminated. An IUF representative will inspect the area to make sure it conforms to the requirements, and declare it rideable. The surface of the riding floor must be clean, level, smooth and shall not be slippery. Competition can be held on a floor that has not been declared rideable by the panel, but the results of such competition may not be officially recognized by the IUF, after investigation by the IUF rules committee.

**RIDING AREA BOUNDARIES:** For international competitions, the outer boundaries must be 11 x 14 meters. For other competitions, if space does not permit, the size may be smaller but will be no less than 9 x 12 meters. All lines must be at least 3cm wide and clearly marked, including the outer boundaries.

## Standard Skill Floor Markings

Center circle (50cm diameter)

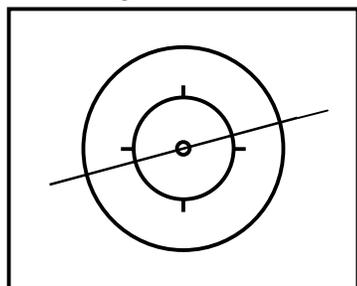
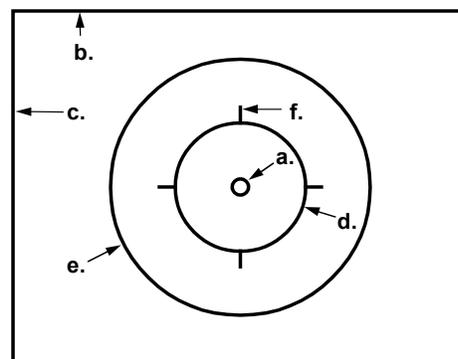
Long edge of riding area (faces judges)

Short edge of riding area

Inner circle (4m diameter) for circle figures

Outer circle (8m diameter) for line and fig. eight's

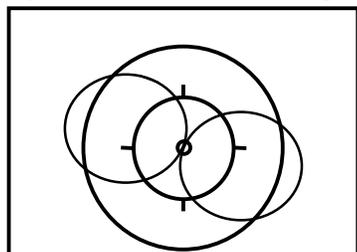
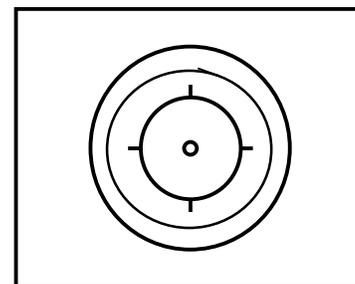
Quarter circle marks (length approx. 50cm) to help riders mark start and end of circle figures



**EXAMPLE: LINE FIGURE.** Lines, circles and figure 8's may be ridden in either direction. Line figures start outside the large (8m) circle, cross the center circle, and continue outside the large circle. The line should be straight, and can be ridden in any direction. Circles and figure 8's can be started at any point, as long as the rider completes the figure by crossing over the starting point.

**EXAMPLE: CIRCLE FIGURE.** Circle figures are ridden in the area between the 4m and 8m circle

lines. If the rider crosses the 4m line while performing the figure, the circle must be re-started from the point where the rider re-crosses to the outside of the 4m circle. Crossing the 8m line does not invalidate the figure, but may result in a wave devaluation. Circle figures should be as round as possible.



**EXAMPLE: FIGURE EIGHT.** The two circles making up the 8 should be the same size, and the orientation of the 8 can be in any direction. The rider must pass outside the 8m circle on each end of the 8, and cross the center circle at the middle. The two halves of the figure 8 must be circular, with diameters of at least 4m.

## 4.2 MOUNTS, TRANSITIONS, STATIONARY SKILLS

---

May be performed anywhere in the riding area.

## 4.3 BODY FORM

---

Unless otherwise noted, each figure must be performed with riders sitting up straight with their arms stretched and horizontal. Hands must be flat with palms down and fingers together. Arms do not have to be straight out to the sides. As long as arms are stretched and horizontal, they may point in any direction.

## 4.4 DISMOUNTS

---

All dismounts must be controlled, including the dismount at the end of the routine. A controlled (intentional) dismount is where the rider comes to a stop and steps off the unicycle. Dismounts executed otherwise will be considered unintentional. A dismount occurs any time a rider touches the floor, except in skills where the rider is required to touch the floor, or when a foot on a pedal touches the floor. The rules demand that the rider dismounts in a sportsmanlike manner at the end of the routine. Failure to do so will result in a wave for insecure exit.

## 4.5 ASSISTING RIDERS

---

At international events it is forbidden for a rider to get verbal assistance or helping gestures from a person outside the riding area, since this is interference with the rider by an outside person. Also, a rider may not look at the list of skills while performing the routine. This includes skills written on the competitor's hand, a piece of paper or elsewhere. Each occurrence of a competitor looking at a skills list will result in a wave. At smaller events, this rule may be overlooked for very young competitors.

## 4.6 STANDARD SKILL JUDGING SHEET

---

### 4.6.1 INTRODUCTION

Before competing in Standard Skill, each rider must fill out and turn in a judging sheet listing his or her routine. This list includes the number, name, and point value of each figure to be performed in the routine, in the order in which they will be ridden.

### 4.6.2 SKILLS TO BE USED

The maximum number of figures allowed is 18. Of those 18 figures, no more than six may be mounts and/or transitions.

**Note:** Each figure number may appear only once on the judging sheet. This means that, for example, if a rider uses figure 15 b, he or she may not use 15 a, c, d, e, f, g, or h.

### 4.6.3 SKILL ORDER

The 18 figures must be performed in the exact same order as they appear on the judging sheet. Figures left out according to their order on the judging sheet will be devaluated 100%. This devaluation remains, even if the figure is performed later in the routine.

### 4.6.4 FILLING OUT JUDGING SHEET

The completed judging sheet must be sent in before the deadline date set by competition organizers. When filling out the sheet, each figure name must be written out exactly as it appears on the Standard Skills List, with no further abbreviations. Figure numbers, letters, and point values must be included, and the *total Difficulty score* (total points for all figures in the routine) must be filled in. The judges have to check the judging sheets and, if possible in contact with the competitor, correct any mistakes. Any disadvantage resulting from filling out a judging sheet incorrectly will be at the competitor's expense, and will not be valid grounds for protest. Judging sheets, once checked and approved for competition, cannot be changed.

#### 4.6.5 BASE SCORE

A base score of 200 points is added to the competitor's Difficulty score. This makes the rider's 'starting score.'

### STANDARD SKILL JUDGING

## 4.7 JUDGING PANEL

There will be 1 Chief Judge, 2 Difficulty Judges, 2 Execution Judges, 2 Writing Judges, and 1 Timer. The judging panel will be divided into two judging units, each consisting of one Difficulty, one Execution, and one Writing Judge. The judges will be appointed to the functions Writer, Execution, and Difficulty, respectively in order of their experience. All judges for the Expert groups must have previous UNICON judging experience.

## 4.8 OPERATION OF THE JUDGES

While the Difficulty and Execution Judges watch the routine, the Writing Judge reads the names of the figures from the list. The Difficulty Judge indicates if a skill was fully completed, or the reduction percentage if it was not. The Execution Judge indicates the execution mistakes using symbols, as described below. The Writer writes down the verbal remarks of both judges on the judging sheet. For this reason, the Writer is seated between the other two judges. The position of the judging table must be so that all judges have a clear view of the entire riding area. There must be enough space between the two judging units to ensure their working independently of each other.

## 4.9 DIFFICULTY DEVALUATIONS

### 4.9.1 SKILL VERIFICATION

Every figure on the judging sheet must be executed according to its description in the Standard Skills List. If a performed figure does not correspond with the entry on the judging sheet, 100% is devaluated.

### 4.9.2 TECHNICAL MISTAKES

If a technical mistake occurs during the execution of a skill, 50% is devaluated. Technical mistakes include but are not limited to the following

Part of body other than one hand touching seat in seat out skills

Hand holding seat touching body in seat out skills

Free foot touching rotating part of unicycle in one foot skills

### 4.9.3 SKILL COMPLETION

Every figure on the judging sheet must be performed as entered, from start to finish, without the rider touching the floor, except where required to by the figure description. This applies not only to figures in lines, circles and 8's, but also to all others such as transitions, stationary skills, and mounts.

If a figure is broken off in the first half of its required execution, or performed for less than half of the required execution, 100% is devaluated.

If a figure is broken off in the first half of its required execution, or performed for less than half of the required execution, 100% is devaluated. For transitions, mounts and non-repetitive stationary skills (idling is an example of a repetitive skill and hoptwist 90° is an example of a non-repetitive skill) must finish in the end position or 100% is devaluated.

If a figure is broken off in the second half of the required execution, or performed for less than the required execution, 50% is devaluated. For transitions, mounts and stationary skills that finish in the end position but were not performed correctly, 50% may be devaluated.

### 4.9.4 START OF FIGURES

All figures start when the rider gets into the position required for that figure.

### 4.9.5 FIGURE ORDER

Figures left out according to their order on the judging sheet are devaluated 100%. This devaluation remains, even if the figure is performed afterward.

## 4.10 EXECUTION DEVALUATIONS

---

### WAVE (~) = -0.5 POINT

A wave is scored once per skill for each of the following execution mistakes:

- insecure entrance or exit
- cramped, insecure execution
- jerky body movements
- not sitting up straight
- fingers not together
- free leg not stretched, toes not pointed
- waving arms
- jerky pedal movement
- line not straight
- circle not round
- crossing the 4 m circle when performing a skill in a circle
- failure to cross center circle in line or figure 8
- circles of figure 8 not the same size
- pedal, or foot on pedal touching floor
- wandering spin or pirouette
- circle size exceeds 1 meter diameter in a spin
- going outside riding area boundary
- looking at the standard skills order

### LINE (/) = - 1 POINT

A line is scored every time loss of control occurs. Loss of control includes

- loss of proper body form
- breaking off and restarting a skill

### CROSS (+) = - 2 POINTS

A cross is scored each time an unintentional dismount occurs with the competitor landing on his or her feet *without* the unicycle being dropped.

### CIRCLE (0) = - 3 POINTS

A circle is scored each time an unintentional dismount occurs with a part of the rider other than his or her feet touching the floor (hand, knee, rear, etc.) or with the unicycle being dropped.

**Note:** Lines, circles and crosses are scored every time they occur during and between all skills and transitions, whether entered on the score sheet or not. Only the highest applicable devaluation symbol shall be imposed per execution mistake. Most waves are not scored if they occur between skills and transitions. Waves can only be scored between skills and transitions if they are unrelated to body form.

**Example:** A competitor will not get a wave if the competitor's arms are not in proper form between skills or transitions, but a competitor will get a wave for exceeding the riding area boundary.

## 4.11 TOTALING SCORES

---

After the routine is finished, the percentages and symbols from the judges are converted into numbers. These numbers are subtracted from the rider's starting score. Then, the scores of the two judging units are added together and divided by two to get the finishing score of a competitor. The winner in the Standard Skill event is the competitor with the highest score. If more than one competitor have the same score, placing is decided by the highest Execution score. If those scores are also the same, the competitors receive tie scores.

## 5 Freestyle Judging

This applies to Individual, Pair, and Group Freestyle, but not to Open-X or Street Freestyle. Each judge only looks at one component of the whole performance (Technical or Presentation). Each Technical Judge gives three scores from 0 to 10; each Presentation Judge gives three scores from 0 to 10.

### 5.1 FREESTYLE – TECHNICAL SCORE

The Technical part of the judging is broken into three parts. Three scores will be given by each judge, values ranging from 0 to 10. The scores given should match the description of the Example Scoring. For example, if there are only two competitors in a category where the first rider has 2 major dismounts and the second rider has over 20 major dismounts, a score of 10 should not be given for “Dismounts + Boundary” for the first rider even though the dismounts were significantly fewer.

#### 5.1.1 Mistakes: Dismounts (minor and major) and Boundary

Low scores given for routine with more than 5 major dismounts that interrupt the routine. Medium scores for a routine that has approximately 1 major dismount, a few minor dismounts, and only minor boundary crossing. High scores for a routine with no major dismounts, few or no minor dismounts, and stays within the boundary. Judges need to be able to differentiate between a planned dismount and an unplanned dismount. A planned dismount may be stepping off the pedals after seat dragging for five revolutions.

**Major dismounts** are when the unicycle falls, the body falls and the skill is completely lost. Major dismounts are also counted when a rider is visibly upset or angry from a dismount, or whose choreography falters or is destroyed.

**Minor dismounts** are when the rider slightly touches down, only slightly loses control after executing a skill. The routine is barely affected by this type of dismount. A minor dismount may also be counted when a skilled performer might ‘roll with the punch’ of an unintentional dismount so well that the audience believes it was planned.

**Boundary:** Riders should attempt to stay within the marked boundary. If a competitor has a small, obviously unintentional boundary crossing, they should not be penalized heavily. If a competitor completely ignores the boundary and obviously goes outside the lines, they cannot get a high score in this section, even if the routine has no dismounts.

**Example Scoring:**

Score	Samples of observed riding
10:	1 minor dismount or flawless; stays within boundaries
8:	2–4 minor dismounts + small boundary issues
6:	1 major dismount + 1–2 minor dismounts and/or major boundary issues OR no major dismounts + 2–5 minor dismounts and/or minor boundary issues
4:	3 major dismounts + 1–2 minor dismounts and/or disregard of boundary OR 2 major dismounts + 2–5 minor dismounts and/or minor boundary issues
2:	5 major dismounts + 1–2 minor dismounts and/or minor boundary issues OR 3–4 major dismounts + 2–5 minor dismounts and/or disregard of boundary
0:	6 or more major dismounts OR 5 major dismounts + 2–5 minor dismounts and/or minor boundary issues OR 5 major dismounts + 1–4 minor dismounts and/or complete disregard of the boundary

#### 5.1.2 Transitions and Originality of Skills

There are two parts in this section. High scores are given for transitions when the rider performs a skill straight into another skill. Low scores are given if rider performs a skill, returns to stable riding position (sitting on seat with feet on pedals), then begins the next skill. To earn a high score with Originality of Skills, the skills should be unique with variations that are completely new or with new approaches.

**Example Scoring**

Score	Samples of observed riding
10:	Routine is filled with many new skills, variations on skills, and inventive transitions AND Rider links difficult skills together without ever returning to stable riding position.
8:	Routine is filled with many new skills, variations on skills, and inventive transitions OR Rider links difficult skills together without ever returning to stable riding position. This score is given when rider shows excellence in only one of the two areas (transitions OR originality of skills).
6:	Originality is still impressive and/or transitions between skills is shown for the majority of skills.
4:	Some originality in the variations of the skills; Rider links a few skills together without returning to stable riding position.
2:	Little originality; rider continually goes back to stable riding position between difficult skills
0:	Nothing new—could be a standard skill routine

**5.1.3 Mastery and Variety and Level of Difficulty**

**Mastery** is the amount of control shown by the rider(s) during their execution of the skills. The body form should demonstrate good control and ‘mastery’ of the unicycle. Holding a skill for a longer amount of time also indicates a higher level of mastery for that skill. Performing a skill multiple times can increase the Mastery portion of the score, but will decrease the score as related to Variety and Level of Difficulty.

**Variety** is the number and types of skills presented. A routine packed with skills will get more points than one with fewer skills, even if their overall difficulty levels are the same. A routine with mainly wheel walking skills, for example, will get fewer points than one with wheel walking and other skills of the same difficulty level. Another example: The same hard skill performed ten times will lower this score automatically because there is less time to perform other skills that are unique.

**Level of Difficulty** is for successfully executed skills. High scores awarded for a routine packed with a number of skills that have a high variety. Only ‘unicycling skills’ will be judged; non-unicycling skills only affect Presentation scores. Dancing, juggling, and other non-unicycling skills can increase only the Presentation score, and have no influence on this score.

**Unicycling Skills:** All skills (feats of balance) performed with only one support point in contact with the riding surface, this being a wheel, the movement of which is controlled by the rider, thus maintaining balance.

Although this list is easily outdated, for Unicon 13 in 2006 the types of skills could be:

- Mounts
- Wheel walk (including forward, one-foot, backward, koosh-koosh, hand, sideways, etc )
- Seat out (seat out in front/back/side/drag with one or two feet going forward or backward)
- Stationary non-hopping (mounts, idling, crank idling, stillstand, balancing skills, wheel grabs, etc)
- Stationary hopping (uni spins, hoptwists, hopping on wheel)
- Spin
- Other unicycles (ultimate, big wheels, 2wheels, giraffes or 3-wheels, etc)
- Glide/Coast (including forward, backward; stand-up forward and backward)
- Stand-up wheel walk (forward, backward, with seat in front/back/side) - does NOT include stand-up glide

**Non-Unicycling Skills:** The riding of any vehicle with two or more wheels on the ground, and any skills not performed on a unicycle. Any skill with more than one support point on the riding surface, such as standing on the unicycle with it lying on the floor, or hopping while standing on the frame (seat on floor); two contact points with the riding surface (wheel and seat), both carrying part of the rider’s weight. The term also refers to skills such as dance, mime, comedy, juggling, playing music or riding vehicles that do not meet the definitions of unicycles. See Definitions.

**Example Scoring**

Score	Samples of observed riding
10:	All very difficult skills with a lot of variety in the type of skills
8:	Many skills at high with great variety but small mistakes
6:	Generally lower on average or high with many mistakes and/or mastery problems
4:	Only one or two skills at high level; little variety;
2:	O.K. and skills done reasonably long without compromising flow of routine
0:	Looks like will fall constantly; much repetition of skills or small variation on skills; low difficulty when averaged for whole routine

**5.2 FREESTYLE – PRESENTATION SCORE**

The Presentation part of the judging will be broken into three parts. Three scores will be given by each judge, values ranging from 0 to 10.

**5.2.1 Choreography and Style**

**Choreography:** The routine is assembled to use the whole space effectively; line and circle skills are varied in their direction and length; the timing of the routine is considered to maximize the allotted time; the skills are ordered to provide variety; rider does not simply ride from one point to another just to start the next skill. High points given for routines that have a structure: a distinctive beginning, middle, and end.

**Style:** The body form is used to express the whole mood or theme of the piece by positioning and movements of the body during the routine. Judges look for deliberate movements over uncoordinated movements made to retain balance; if a graceful balletic routine, style should be graceful and flowing; if a technical/ street theme, then the style should match that theme. Other non-unicycling skills such as dance, mime, comedy, juggling, acrobatics, playing music, etc. are considered with this score. These skills should add to the theme of the routine. A rider who spends half of the performance time dancing next to the unicycle does not add to his or her act, no matter how high the dancing skill.

**Example Scoring**

Score	Samples of observed riding
10:	Routine is assembled to use the whole space effectively; the skills are ordered to provide variety; obvious structure to whole routine; the body form is used to express the whole mood or theme of the piece, rather than for balance
5:	Some variation for choreography; style is only shown occasionally
0:	All lines or all circles with stationary skills done in same spot; body form does not add to performance; other non-unicycling skills

**5.2.2 Originality of Performance and Showmanship**

**Originality:** The judges are looking for inventiveness in all aspects of the performance. They are looking for originality in the act as a whole. High scores for a unique routine, or one that contains unique elements.

**Showmanship:** Judges are looking for a performer to capture the audience by emotions and/or entertainment. The rider should display his or her confidence in front of the audience with eye contact, facial expressions, and making the audience a part of the routine. Poor showmanship can be displayed with the rider's eyes down, face filled with concentration rather than a smile, curses muttered under the breath at mistakes, and lack of awareness of or connection with the audience.

**Example Scoring**

Score	Samples of observed riding
10:	Completely original and fantastic showmanship. Audience is enthusiastic.
4:	Some originality.
0:	Same old routine; audience obviously bored and uninterested. The only audience reaction is

from teammates.
-----------------

### 5.2.3 Interpretation

How costume, music, props (if used), style all work together to present a theme to the whole routine. If one part is removed, the whole performance would suffer. The elements should be consistent and this section rates how well the whole routine is put together.

**Costume:** A costume is chosen to enhance the routine and does not interfere with skills. If costume(s) are chosen that have the potential to impede riding but the competitor(s) successfully adapt the costume to add to the whole performance, they should not be penalized.

**Music:** Judges are looking for music that is selected to put whole routine together. Skills are chosen carefully to match the feeling and tempo of the music. Music that is simply background or not integral to the routine is considered a poor choice. A high scoring routine is where the rider uses the sound, beat, theme, or changes in the music as integral parts of the routine. If music is chosen that is too long for the allowed time, the competitor should be penalized here.

**Props:** A unicycle, when used for anything but a unicycling skill (handstand on the unicycle while it is lying down, hopping standing on the frame with wheel and seat on the floor) is considered a prop. Other props can be removable parts of the costume (hats, clothing, etc), items placed to set a scene, a person. Note that it says "Use of." This score is not awarded for the props, but for the effect of such props on the performance. The judges are looking not for the props themselves, but how they are used. It is not mandatory to include props in the performance. If none are used, the score will not be lower.

#### Example Scoring

Score	Samples of observed riding
10:	Routine is complete - cutting out one part will ruin the whole performance
8:	Looks good, but room for improvement
2:	Part of routine looks integrated, but several elements are not working (music not matching, costume choice interferes, props clumsy, or skills don't match the music)
0:	Routine looks thrown together, with no thought of whole performance

## 5.3 PAIRS FREESTYLE

Pairs judges must consider the performance of two unicyclists together. All judging criteria from above are used, but the additional factors below must also be considered. Technical Scoring: Sections 5.1.1 and 5.1.2 are scored the same as Individual Freestyle; section 5.1.3 has the additional considerations as outlined in 5.3.1 (below). Presentation Scoring: Sections 5.2.2 and 5.2.3 are scored the same as Individual Freestyle; section 5.2.1 is replaced with 5.3.2 (below)

### 5.3.1 Mastery and Variety and Level of Difficulty

The Difficulty level of a multiple person act is determined by the overall level of difficulty displayed by the pair, not by the difficulty of feats presented by a single rider. If one rider's skill level is a great deal higher than the other, judges must keep the Difficulty score somewhere between the levels of the two riders. A skill in which the two riders obviously support each other will score lower than the same skill performed separately. Judges must be able to distinguish between 'support' and 'artistic contact.' Riders who are merely holding hands may not be supporting each other, but if their arms are locked, they probably are.

Note: Some skills are more difficult with riders holding hands, such as one foot riding.

**Pairs vs. Doubles:** 'Doubles' refers to two riders on one unicycle. Some Pairs performers use lots of doubles moves, with lifting, strength, and the associated difficulty. Other Pairs acts use no doubles moves at all. How to compare them? Remember that the skill level of both riders is being judged. If the 'top' rider does not display much unicycling skill when he or she rides, judges must keep that in mind, and rate their average difficulty accordingly. If the top rider never rides, one can argue that this is not a Pairs act, and give a major points reduction. Doubles moves are difficult for both persons, but must be weighed carefully against non-doubles performances.

**Example Scoring**

Score	Samples of observed riding
10:	All very difficult skills with a lot of variety in the type of skills. Both riders have the same level of difficulty and variety. The mastery of the pairs moves is the same for both riders and is very high.
8:	Many skills at high with great variety but small mistakes.
6:	Generally lower on average or high with many mistakes and/or mastery problems; OR one rider has a very high skill level while the second rider is very low
4:	Only one or two skills at high level; little variety;
2:	O.K. and skills done reasonably long without compromising flow of routine
0:	Looks like will fall constantly; much repetition of skills or small variation on skills; low difficulty when averaged for whole routine

**5.3.2 Choreography and Style**

**Choreography:** The routine is assembled to use the whole space effectively; line and circle skills are varied in their direction and length; the timing of the routine is considered to maximize the allotted time; the skills are ordered to provide variety; riders do not simply ride from one point to another just to start the next skill. High points given for routines that have a structure: a distinctive beginning, middle, and end. Two riders together do not have to cover the floor space equally. If it is a dance style act, with a male and female rider together, circling to opposite sides of the performing area will not improve the score. Depending on the act's theme, the performers may stay together for the entire time. The judges must determine if this adds to the act or not. Generally, riders riding away from each other and coming back is little more than empty filler, and does not add to the performance.

**Style:** The body form is used to express the whole mood or theme of the piece by positioning and movements of the body during the routine. Judges look for deliberate movements over uncoordinated movements made to retain balance; if a graceful balletic routine, style should be graceful and flowing; if a technical/ street theme, then the style should match that theme. Other non-unicycling skills such as dance, mime, comedy, juggling, acrobatics, playing music, etc. are considered with this score. These skills should add to the theme of the routine. Riders who spend half of the performance time dancing next to the unicycle does not add to their act, no matter how high the dancing skill. The judges are looking for riders working together, Do they look like they are a team, or are they riding separately, in their own worlds, to the same music?

**Example Scoring**

Score	Samples of observed riding
10:	Routine is assembled to use the whole space effectively; the skills are ordered to provide variety; obvious structure to whole routine; the body form is used to express the whole mood or theme of the piece, rather than for balance
5:	Some variation for choreography; style is only shown occasionally
0:	All lines or all circles with stationary skills done in same spot; body form does not add to performance; other non-unicycling skills

**5.4 GROUP FREESTYLE**

Everything for Individual and Pairs applies, plus these additional points. A group of several riders has many more options of what to do and how it can be presented. Riders may all be of similar skill levels, or of widely different levels. Some groups will be much larger than others. These things all need to be considered when judging groups. Presentation Scoring: Sections 5.2.2 and 5.2.3 will be used.

**5.4.1 Group Freestyle : Mistakes: Dismounts (minor and major) and Boundary**

The number of dismounts should be weighted by the number of riders in the group. High scores for a routine with no major dismounts, few or no minor dismounts, and stays within the boundary. A group with three people cannot get a medium score if they have 5 major dismounts, while a group of 15 people can have 5 major dismounts and still earn a medium

score. Judges need to be able to differentiate between a planned dismount and an unplanned dismount. A planned dismount may be stepping off the pedals after seat dragging for five revolutions.

**Major dismounts** are when the unicycle falls, the body falls and the skill is completely lost. Major dismounts are also counted when riders are visibly upset or angry from a dismount, or whose choreography falters or is destroyed. Major dismounts are also when a fall by one rider makes other riders fall, even if the dismounts are all individually minor.

**Minor dismounts** are when the rider slightly touches down, only slightly loses control after executing a skill. The routine is barely affected by this type of dismount. A minor dismount may also be counted when a skilled performer might 'roll with the punch' of an unintentional dismount so well that the audience believes it was planned.

**Boundary:** Riders should attempt to stay within the marked boundary. If competitors have a small, obviously unintentional boundary crossing, they should not be penalized heavily. If the group completely ignores the boundary and obviously goes outside the lines, they cannot get a high score in this section, even if the routine has no dismounts.

#### Example Scoring for groups of 10-15 people

Score	Samples of observed riding
10:	1 minor dismount or flawless; stays within boundaries
8:	2-4 minor dismounts + small boundary issues
6:	2 major dismounts + 1-2 minor dismounts and/or major boundary issues OR no major dismounts + 2-5 minor dismounts and/or minor boundary issues
4:	5 major dismounts + 1-2 minor dismounts and/or disregard of boundary OR 7 major dismounts + 2-5 minor dismounts and/or minor boundary issues
2:	8 major dismounts + 1-2 minor dismounts and/or minor boundary issues OR 5-7 major dismounts + 2-5 minor dismounts and/or disregard of boundary
0:	10 or more major dismounts OR 8 major dismounts + 2-5 minor dismounts and/or minor boundary issues OR 8 major dismounts + 1-4 minor dismounts and/or complete disregard of the boundary

#### 5.4.2 Group Freestyle: Transitions and Originality of Skills

There are two parts in this section. High scores are given for transitions when riders perform a skill straight into another skill. Low scores are given if riders perform a skill, return to stable riding position (sitting on seat with feet on pedals), then begin the next skill. To earn a high score with Originality of Skills, the skills should be unique with variations that are completely new or with new approaches. Group routines that have new patterns and ideas should score high points in this area. Routines that have simple patterns without any skills should score low.

##### Example Scoring

Score	Samples of observed riding
10:	Routine is filled with many new skills, variations on skills, and inventive transitions AND Riders link difficult skills together without ever returning to stable riding position.
8:	Routine is filled with many new skills, variations on skills, and inventive transitions OR Riders link difficult skills together without ever returning to stable riding position. This score is given when the group shows excellence in only one of the two areas (transitions OR originality of skills).
6:	Originality is still impressive and/or transitions between skills is shown for the majority of skills.
4:	Some originality in the variations of the skills; Riders link a few skills together without returning to stable riding position.
2:	Little originality; riders continually go back to stable riding position between difficult skills
0:	Nothing new - could be a standard skill routine

#### 5.4.3 Group Freestyle: Mastery and Variety and Level of Difficulty

As in Pairs, judges must seek to find the average Level of Difficulty of what may be a widely varied group of riders. Top level skills done by only one rider cannot bring the Difficulty score up to top level. All riders in the routine must be used

effectively. This means that if one or more riders are at a beginner level, they can still ride around in circles, carry banners, be carried by other riders, etc. Riders should not be left standing on the side.

**Small Group vs. Large Group:** Some groups will be much smaller or larger than others, and judges must include this information in their decisions. Large groups may have a tendency toward formation riding and patterns, while smaller groups may focus more on difficult skills. With so many possibilities, judges must compare many different factors to get an adequate judgment. Large numbers alone should not earn a high difficulty score, and neither should a few difficult skills performed by a small number. The judges must consider the group's size as a part of the overall performance, including the advantages or limitations that size has on the types of skills being performed.

**Mastery** is the amount of control shown by the riders during their execution of the skills. The body form should demonstrate good control and 'mastery' of the unicycle. Holding a skill for a longer amount of time also indicates a higher level of mastery for that skill. Performing a skill multiple times can increase the Mastery portion of the score, but will decrease the score as related to Variety and Level of Difficulty.

**Variety** is the number and types of skills presented. A routine packed with skills will get more points than one with fewer skills, even if their overall difficulty levels are the same. A routine with mainly wheel walking skills, for example, will get fewer points than one with wheel walking and other skills of the same difficulty level. Another example: The same hard skill performed ten times will lower this score automatically because there is less time to perform other skills that are unique.

**Level of difficulty** is for successfully executed skills. High scores awarded for a routine packed with a number of skills that have a high variety. Only 'unicycling skills' will be judged; non-unicycling skills only affect Presentation scores. Dancing, juggling, and other non-unicycling skills can increase only the Presentation score, and have no influence on this score.

**Unicycling Skills:** All skills (feats of balance) performed with only one support point in contact with the riding surface, this being a wheel, the movement of which is controlled by the rider, thus maintaining balance.

**Non-Unicycling Skills:** The riding of any vehicle with two or more wheels on the ground, and any skills not performed on a unicycle. Any skill with more than one support point on the riding surface, such as standing on the unicycle with it lying on the floor, or hopping while standing on the frame (seat on floor); two contact points with the riding surface (wheel and seat), both carrying part of the rider's weight. The term also refers to skills such as dance, mime, comedy, juggling, playing music or riding vehicles that do not meet the definitions of unicycles. See Definitions.

#### Example Scoring

Score	Samples of observed riding
10:	All very difficult skills, with a lot of variety in the type of skills shown by all riders
8:	Many skills at high level with great variety, but small mistakes; Not all riders show the same high level
6:	Generally lower on average or high with many mistakes and/or mastery problems
4:	Only one or two skills at high level; little variety;
2:	O.K. and skills done reasonably long without compromising flow of routine
0:	Looks like will fall constantly; much repetition of skills or small variation on skills; low difficulty when averaged for whole routine

#### 5.4.4 Group Freestyle: Choreography and Style

In addition to the description for Individual Freestyle (section 5.2.1), judges are looking for teamwork and cooperation. Do all the riders know where they are supposed to be? Do they look as if they're pulling each other around, rather than riding together? If one rider falls, do the others help him or her up? Etc.

The judges look for movements that cover the performing area uniformly, and use all riders effectively.

## 6 Open-X Judging

### 6.1 PERFORMING AREA

---

Open-X requires the same minimum amount of floor space as Individual Freestyle, but there are no boundaries. Riders are free to use the entire area in front of the judges, but judges must be able to see them to judge the performance. If riders plan to do anything unusual outside the boundaries they should first check with the Chief Judge.

### 6.2 ORIGINALITY AND CREATIVITY (50%)

---

Judges give a score from 1-10. The judges are looking for inventiveness in all aspects of the performance. They are looking for new unicycling skills, and/or originality in the performance as a whole. Open-X is the place to break ground, to try new things, and to showcase new ideas.

### 6.3 DIFFICULTY (25%)

---

Judges give a score from 1-5. The definition of difficulty is the same as Individual Freestyle (section 5.1). This portion is a combination of the difficulty level of skills attempted, tempered by the success level (mastery) of the rider. Though unintentional dismounts count against this score, Open-X places a high emphasis on originality and creativity and some amount of dismounts are not unusual. The highest scores will be achieved by the riders who display a significant number of difficult skills, a wide variety of skills, and do not have an excessive number of dismounts.

### 6.4 STYLE, PROPS, AND OTHER SKILLS (25%)

---

Judges give a score from 1-5. This category is essentially the same as for Individual Freestyle (See 5.2.1 and 5.2.4). Though Open-X is not a "theatrical" event, riders can still increase their scores by showing controlled body positions or an obviously intentional "style" of riding. Riders can also consider their persona, transitions, entry and exit, and other aspects of their performance aside from just the unicycling skills. Props can be anything from juggling equipment to half-pipes. Other skills can be acrobatics or dance. If props or other skills have added to the performance, this score increases. If props or other skills detract from the presentation, the score will be reduced. Note: As in Freestyle, props or other skills are not required.

## 7 Street Freestyle Judging

### 7.1 GENERAL

---

Riders are judged on their performance both on and off the obstacles. Some flatland and some obstacle riding must be displayed for an optimum score. Judges are looking for clever use of the space to set up moves and combinations of various types, done with some style and personality.

### 7.2 DIFFICULTY (50%)

---

Judges give a score from 0-10. The definition of difficulty is the same as Individual Freestyle (section 5.1). This portion is a combination of the difficulty level of skills attempted, tempered by the success level (mastery) of the rider. Though unintentional dismounts count against this score, the emphasis on creativity makes some mistakes preferable to routines that are too conservative. Riders who display a significant number of difficult skills, a wide variety of skills, and do not have an excessive number of dismounts will achieve the highest scores.

### 7.3 STYLE (50%)

---

Judges give a score from 0-10. Originality, creativity and daring are counted here. Though Street is not a "theatrical" event, riders can still increase their scores by showing controlled body positions and a clearly intentional "style" of riding. Riders

can also consider their persona, transitions, entry and exit, and other aspects of their performance aside from just the unicycling skills.

## 8 Convention Officials

These people make the competition events work. All of the tasks detailed below must be covered for the events to work. Names must be assigned for all the jobs listed below, to create a hierarchy of authority for the convention. All officials are expected to work objectively and impartially.

**CONVENTION HOST:** This is a single person, or a collective group, that has made the commitment to host a unicycle convention using IUF rules and guidelines. By agreeing to host an IUF convention, they also agree to follow those rules and guidelines wherever possible. If known problems arise in the arrangement of facilities, schedules and events, the Host and the IUF will work together to resolve the problems. For the most part, the Convention Host is the ultimate authority for what happens, and does not happen, at the convention. The exception is any IUF requirements for convention facilities or contents, and rules for IUF competition events.

**IUF BOARD OF DIRECTORS:** The IUF Board represents the interests of the IUF on convention requirements, both in the area of competition rules and the necessary spaces and facilities for them, and for any other requirements that go along with putting on an IUF convention. If problems arise in meeting the IUF requirements, the IUF Board and Convention Host work together to find solutions or compromises. The bulk of this should happen during the early planning stages for a convention, when facilities and schedules are being assembled.

**IUF CONVENTION LIAISON:** The Liaison is an optional person who can represent the IUF Board when communicating with Convention Hosts. The Liaison essentially has the same powers as the IUF Board, but must report to the IUF Board and take direction from it.

**TOP COMPETITION OFFICIALS:** The Race Director, Referee, Artistic Director and Chief Judge are the positions of authority for racing and artistic events, respectively. They are not autonomous, and must answer to the Convention Host. It is highly recommended that none of these jobs be combined, and that there be at least one separate person for each.

### RACING OFFICIALS

**RACE DIRECTOR:** The Race Director is in charge of seeing that all equipment, forms, people, sound systems, and other requirements are taken care of before the convention starts. Ideally, the Race Director is a member of the host organization, or have convenient access to the convention's locations. The Race Director is responsible for the logistics, equipment, and scheduling for all racing events unless otherwise noted.

**REFEREE:** The Head racing official. Makes all final decisions regarding race competitions. Handles protests. Makes sure racing areas and officials are trained and ready. Works within the system set up by the Race Director for running the events. The Referee should be someone very experienced in all aspects of unicycle racing, and must above all be objective and favor neither local, nor outside riders. There can be separate Referees for different venues, or different categories of racing.

**CLERK:** Sets up riders in lanes before races. Checks riders for correct unicycles and safety equipment.

**STARTER:** Starts races; explains race rules; calls riders back in the event of false starts. Also checks riders for correct unicycles and safety equipment.

**PICKER:** Assists Timers by observing riders' finishing order. Watches for finish line dismounts.

**TIMER:** Takes the time of riders at the finish line. Also watches for finish line dismounts. Two timers may be used for 1<sup>st</sup> place, the average time being official.

**RECORDER:** Writes down place and time of each rider after each event. Riders must not leave the finish area until the Recorder has gotten their numbers and information.

**RUNNER:** A general helper who brings racing forms from start to finish line, to tabulators, and to announcer.

**TABULATOR:** Processes all race results; totals points; prepares awards for presentation.

**RESULTS POSTER:** Puts up Race Recording and Results Sheets for all to see, and marks the time.

**ANNOUNCER:** Operates public address system, announces race results, and calls riders for upcoming races.

**OBSTACLE COURSE and SLOW RACE OPERATORS:** Run and administrate these two events in an area separate from the track, doing most of the above jobs for each.

## ARTISTIC OFFICIALS

**ARTISTIC DIRECTOR:** The head organizer and administrator of artistic events. The Artistic Director's job starts well before the convention, arranging equipment for the gyms (or performing areas) and recruiting the other artistic officials. With the Convention Host, the Artistic Director determines the operating systems, paperwork and methods to be used to run the events. With the Chief Judge, the Artistic Director is in charge of keeping events running on schedule, and answers all questions not pertaining to rules and judging. The Artistic Director is the highest authority on everything to do with the artistic events, except for decisions on rules and results.

**CHIEF JUDGE:** Like the Referee, the Chief Judge should be a thoroughly experienced person who must above all be objective and favor neither local, nor outside riders.. The Chief Judge must be thoroughly familiar with all of the artistic officials' jobs and all aspects of artistic rules. The Chief Judge oversees everything, deals with protests, and answers all rules and judging questions. The Chief Judge is responsible for seeing that all artistic officials are trained and ready, and that the artistic riding areas are correctly measured and marked on the floor. The Chief Judge is also responsible for the accuracy of all judging point tabulations and calculations.

**TIMER:** Keeps the time for all performances, and makes acoustic signals at key points in performances.

**JUDGE:** Rates the performances. The various artistic categories require different judging qualities, and may use different judges. All judges must be completely impartial, and must understand the rules and judging criteria.

**TABULATOR:** Processes all judging sheets and fills out final results sheets and other forms.

**RUNNER:** A general helper who transfers forms and other information from one place to another.

**ANNOUNCER:** Operates sound system with DJ, and announces all upcoming riders and results of competitions. May also provide color commentary between performances.

**DJ:** Operates sound system, plays all performance music, and keeps track of riders' music media and any special instructions.

**RIDER LIAISON:** Checks in riders before they compete. Determines performing order. Makes sure riders' music is properly marked and is otherwise prepared.

**STAGE CREW:** Helps riders set up, tear down, and clean up after themselves.

**RESULTS POSTER:** Puts up artistic results sheets for all to see, and marks the time.

## 9 Standard Skills List

International Unicycling Federation Standard Skill competition

### GENERAL REMARKS ABOUT STANDARD SKILL RIDING

Only figures listed in the following skills list can be used for the assembly of Standard Skill routines.

**RIDING POSITION:** Unless stated differently in a figure description, it is to be executed with the rider seated and with both feet on the pedals.

**BODY FORM:** The rider must show proper body form and shall not change this form during the execution of the entire figure.

**RIDING DIRECTION:** Unless stated differently, all riding figures are to be performed riding forward, this being the direction in which the rider faces.

**PATTERN:** Unless stated differently in a figure description, it is to be executed in a line. Exceptions are mounts, stationary skills and transitions, which can be executed at any spot in the riding area.

**TRANSITIONS:** Unless stated differently in the description of a transition, it starts and ends with the rider seated with both feet on the pedals. An exception is made for uni spins, where the rider may start with the seat held out in front. Before and after transitions entered on the score sheet as figures, at least one revolution of the wheel must be ridden in the start and end positions. If the start or end position of a transition is a stationary skill, that stationary skill must be executed at least 50% as described, whether or not it is listed on the judging sheet. Example 1: For the transition Riding to Seat in Front, the rider must ride at least one full revolution of the wheel with the seat in front. Example 2: For the transition, 180° uni spin to idling 1ft, the rider must idle one foot 2 ½ cycles.

**MOUNTS:** Unless stated differently in the description of a mount, it is to end with the rider seated with both feet on the pedals. After all mounts listed on the judging sheet as figures, at least one full revolution of the wheel must be ridden in the end position. For mounts ending in stationary skills, the stationary skill must be executed at least 50% as described, whether or not it is listed on the judging sheet.

**Example:** For the Side Mount, the rider must ride at least one full revolution of the wheel in the riding position after mounting.

**IDLING FIGURES:** In idling figures, a minimum of 5 consecutive cycles (back and forth motions) must be executed.

**TWISTING FIGURES:** In twisting figures, a minimum of 5 consecutive cycles (side to side motions) must be executed.

**ONE FOOT FIGURES:** Unless stated differently in one foot figures, the free foot is to be placed on the frame so that there is no contact between the free foot and any rotating part of the unicycle.

**SEAT OUT FIGURES:** Unless stated differently in seat out figures, the rider shall have no contact with the seat other than one hand holding the seat. The hand holding the seat as well as the corresponding arm shall be extended away from the rider's body and shall not touch any part of the rider's body.

**WHEEL WALK FIGURES:** Unless stated differently in wheel walk figures, the feet are to push only the tire, and shall have no contact with the pedals or crank arms.

**STILLSTANDS:** The minimum time for stillstands is 3 seconds.

**HOPPING FIGURES:** In hopping figures, a minimum of 5 consecutive hops must be executed.

**SPINS AND PIROUETTES:** The rider must make a minimum of three full rotations for spins and pirouettes. Spins must be ridden around a fixed point and must not exceed a 1 meter diameter. Pirouettes must be executed on 1 spot and the pedals may not move backward or forward during the pirouette.

**COASTING:** Unless stated differently in coasting figures, the feet are to have no contact with any rotating part of the unicycle (pedals, crank arms, or tire).

## 9.1 STANDARD SKILL SCORES

### ABBREVIATIONS USED IN THIS LIST:

fwd	=	forward	ext	=	extended
bwd	=	backward	frh	=	freehanded
c	=	circle	1ft	=	one foot
8	=	figure eight	ww	=	wheel walk

### RIDING SKILLS

1.	a)	riding	1.0	4.	a)	seat in front bwd, against body	3.5
	b)	riding - c	1.2		b)	seat in front bwd	3.7
	c)	riding - 8	1.5		c)	seat in front bwd - c	3.9
2.	a)	riding bwd	3.0		d)	seat in front bwd - 8	4.1
	b)	riding bwd - c	3.4		e)	seat in front bwd frh	3.9
	c)	riding bwd - 8	3.8		f)	seat in front bwd frh - c	4.1
3.	a)	seat in front, seat against body	2.0	5.	a)	seat in back, seat against body	2.3
	2b)	seat in front	2.3		b)	seat in back	2.5
	c)	seat in front - c	2.5		c)	seat in back - c	2.7
	d)	seat in front - 8	2.7		d)	seat in back - 8	3.0
	e)	seat in front frh	3.1	6.	a)	seat in back bwd, against body	3.5
	f)	seat in front frh - c	3.3		b)	seat in back bwd	3.9
	g)	seat in front frh - 8	3.6		c)	seat in back bwd - c	4.2

	d) seat in back bwd - 8	4.5		e) 1ft ext bwd - c	4.5
				f) 1ft ext bwd - 8	4.8
7.	a) seat on side, against body	3.0			
	b) seat on side, against body - c	2.8			
	c) seat on side	3.7	15.	a) 1ft seat in front, against body	3.8
	d) seat on side - c	3.5		b) 1ft seat in front	4.5
8.	a) seat on side bwd, against body	3.8		c) 1ft seat in front - c	4.7
	b) seat on side bwd	4.1		d) 1ft seat in front - 8	5.0
	c) seat on side bwd - c	4.3		e) 1ft ext, seat in fr against body	4.0
				f) 1ft ext, seat in fr against body - c	4.2
9.	a) stomach on seat, 1 hand on seat	2.0	16.	a) 1ft seat in front against body bwd	4.7
	b) stomach on seat	2.1		b) 1ft seat in front bwd	5.1
	c) stomach on seat - c	2.3		c) 1ft seat in front bwd - c	5.3
	d) stomach on seat - 8	2.6			
10.	a) stomach on seat bwd	3.8	17.	a) seat on side, 1ft, against body	3.8
	b) stomach on seat bwd - c	4.0		b) seat on side, 1ft	4.6
	c) stomach on seat bwd - 8	4.3		c) seat on side, 1ft - c	4.2
				d) seat on side, 1ft - 8	4.9
11.	a) chin on seat, 1 hand on seat	3.8	18.	a) seat on side, 1ft bwd, against body	4.4
	b) chin on seat	4.0		b) seat on side, 1ft bwd	4.8
	c) chin on seat - c	4.1		c) seat on side, 1ft bwd - c	5.0
	d) chin on seat - 8	4.4			
12.	a) chin on seat bwd, 1 hand on seat	4.7	19.	a) side saddle, hand touching seat	3.5
	b) chin on seat bwd	4.9		b) side saddle, hand touching seat - c	3.3
	c) chin on seat bwd - c	5.1		c) side saddle frh	3.9
	d) chin on seat bwd - 8	5.4		d) side saddle frh - c	3.7
				e) side saddle frh - 8	4.2
13.	a) 1 foot	3.0	20.	a) wheel walk	3.5
	b) 1ft - c	3.2		m) ww - c	3.7
	c) 1ft - 8	3.6		c) ww - 8	4.0
	d) 1ft ext	3.2			
	e) 1ft ext - c	3.4	21.	a) ww bwd	4.2
	f) 1ft ext - 8	3.7		b) ww bwd - c	4.4
	g) 1ft crossed	3.4			
	h) 1ft crossed - c	3.6	22.	a) ww frame between feet	4.0
	i) 1ft crossed - 8	3.9		b) ww frame between feet - c	4.2
14.	a) 1ft bwd	4.1	23.	a) ww frame between feet bwd	4.3
	b) 1ft bwd - c	4.3		b) ww frame between feet bwd - c	4.5
	c) 1ft bwd - 8	4.6			
	d) 1ft ext bwd	4.3	24.	a) ww bwd, feet behind frame	4.8

	b) ww bwd, feet behind frame - c	5.0		b) hand ww, stomach on seat - c	4.5
25.	a) spoke walk bwd	4.8	34.	a) one hand ww, stomach on seat	4.7
	b) spoke walk bwd - c	5.0		b) one hand ww, stomach on seat - c	4.9
26.	a) ww 1ft	3.7	35.	a) drag seat in front	3.9
	b) ww 1ft - c	3.9		b) drag seat in front - c	4.1
	c) ww 1ft - 8	4.2		c) drag seat in front - 8	4.4
	d) ww 1ft ext	4.1			
	e) ww 1ft ext - c	4.3	36.	a) drag seat in back	4.0
	f) ww 1ft ext - 8	4.6		b) drag seat in back - c	4.2
				c) drag seat in back - 8	4.5
27.	a) ww bwd 1ft	5.4	37.	a) drag seat in front bwd	6.4
	b) ww bwd 1ft - c	5.6		b) drag seat in front bwd - c	6.6
	c) ww bwd 1ft ext	5.8		c) drag seat in front bwd - 8	6.9
	d) ww bwd 1ft ext - c	6.0	38.	a) side ride	5.2
28.	a) koosh koosh	3.9		b) side ride - c	5.0
	b) koosh koosh - c	4.1		c) side ride - 8	5.6
	c) ww bwd 1ft behind frame	5.0		d) side ride, one hand	5.6
	d) ww bwd 1ft behind frame - c	5.2		e) side ride, one hand - c	5.4
29.	a) gliding	4.0		f) side ride, one hand - 8	5.9
	b) gliding - c	4.2	39.	a) coasting, leg ext	5.5
	c) gliding, leg ext	4.2		b) coasting, leg ext - c	5.9
	d) gliding, leg ext - c	4.4		c) coasting, leg ext - 8	6.4
30.	a) gliding bwd foot behind frame	5.5	40.	a) coasting, foot in	5.5
	b) gliding bwd foot behind frame - c	5.9		m) coasting, foot in - c	5.9
31.	a) hand wheel walk	4.3		c) coasting, foot in - 8	6.4
	b) hand wheel walk - c	4.5	41.	a) coasting backward, leg ext	6.6
	c) hand wheel walk feet out	5.0		b) coasting backward, leg ext - c	6.7
	d) hand wheel walk feet out - c	5.2		c) coasting backward, leg ext - 8	7.0
32.	a) one hand wheel walk	4.7	42.	a) coasting backward, foot in	6.5
	b) one hand wheel walk - c	4.9		m) coasting backward, foot in - c	6.8
	c) one hand wheel walk feet out	5.4		c) coasting backward, foot in - 8	7.1
	d) one hand wheel walk feet out - c	5.6	43.	a) sideways ww	5.4
33.	a) hand ww, stomach on seat	4.3		m) sideways ww - c	5.6

44. a) sideways ww, 1ft	5.6	b) touch the floor with both hands	3.5
m) sideways ww, 1ft - c	5.8	107. a) touch the floor, seat in front	3.2
c) sideways ww, 1ft on seat	5.8	108. a) bounce seat	3.4
45. a) cross over	4.7	109. a) touch seat on floor	3.8
m) cross over - c	4.5	110. a) hopping	2.4
c) cross over - 8	5.0	b) hopping frh	2.6
46. a) stand up ww 1ft	5.0	111. a) hopping seat in front, against bdy	2.8
m) stand up ww 1ft - c	5.2	b) hopping seat in front	3.0
47. a) stand up glide	5.7	c) hopping seat in back, against bdy	3.2
m) stand up glide - c	5.9	d) hopping seat in back	3.4
48. a) stand up coast	6.7	112. a) hoptwisting	3.3
m) stand up coast - c	6.9	113. a) hoptwist 90°	2.7
c) stand up coast - 8	7.2	b) hoptwist 180°	3.2
<b>STATIONARY SKILLS</b>		c) hoptwist 360°	4.5
100. a) idling	2.2	d) hoptwist freehand 90°	3.0
b) idling 1ft	2.4	e) hoptwist frh 180°	3.5
c) idling 1ft ext	2.5	f) hoptwist frh 360°	5.0
d) idling 1ft crossed	2.5	114. a) riding hoptwist 180	3.4
101. a) idling seat in front, against body	2.7	b) riding hoptwist 360	4.5
b) idling seat in front	2.9	c) riding hoptwist freehand 180	4.0
c) idling 1ft seat in fr, against bdy	3.2	d) riding hoptwist freehand 360	5.0
d) idling 1ft seat in front	3.5	115. a) hop over	2.9
e) idling 1ft seat in fr ext, agnst bdy	3.5	b) sideways hop over	2.8
f) idling seat in back, against body	3.0	c) hop over, seat in front	3.7
g) idling seat in back	3.2	d) sideways hop over, seat in front	3.8
102. a) idling seat on side, touching body	2.8	116. a) side hopping	4.0
b) idling seat on side	3.1	b) side hopping, foot touching tire	3.5
103. a) crank idle, seat against body	3.5	117. a) hopping on wheel	3.0
b) crank idle freehand, against body	3.6	118. a) hoptwist on wheel 90°	3.3
c) crank idle	4.0	b) hoptwist on wheel 180°	3.6
104. a) stillstand	3.8	119. a) hopping on wheel frh	4.2
105. a) twisting	2.8		
106. a) touch the floor	2.5		

120. a) hoptwist on wheel frh 90°	4.5	154. a) ww to pedals	3.2
b) hoptwist on wheel frh 180°	4.8	b) ww to riding 1ft	3.4
121. a) riding spin	3.3	c) gliding to pedals	3.5
122. a) bwd riding spin	3.7	d) gliding to riding 1ft	3.7
123. a) spin	3.5	155. a) leg around	3.4
b) spin 1ft	3.7	b) leg around twice	4.2
c) spin 1ft ext	3.9	156. a) leg around reverse	3.5
124. a) backward spin	4.0	b) leg around twice reverse	4.4
b) backward spin 1 ft	4.3	157. a) backspin	2.7
c) backward spin 1 ft ext	4.7	158. a) front spin	3.3
125. a) spin seat in front, against body	3.7	159. a) pick up seat in front	4.0
b) spin seat in front	3.9	b) pick up seat in front with toe	4.7
126. a) spin seat in back, against body	3.8	c) pick up seat in front free foot	4.4
b) spin seat in back	4.1	160. a) pick up seat in back	4.2
127. a) spin seat on side, against body	3.6	b) pick up seat in back with heel	4.2
b) spin seat on side	4.0	c) pick up seat in back free foot	5.0
128. a) pirouette	4.0	161. a) pedals to hopping on wheel	3.1
129. a) backward pirouette	4.5	b) pedals 270° to hopping on wheel	4.2
130. a) pirouette seat in front, against bdy	4.1	c) pedals 450° to hopping on wheel	5.8
b) pirouette seat in front	4.4	d) pedals to sideways ww	3.4
131. a) pirouette seat in back, against bdy	4.2	e) pedals 270° to sideways ww	4.7
b) pirouette seat in back	4.5	f) pedals 450° to sideways ww	6.0
<b>TRANSITIONS</b>			
150. a) riding to seat in front	1.5	162. a) hopping on wheel to pedals	3.7
151. a) seat in front to riding	1.7	b) hopping on wheel 270° to pedals	4.4
152. a) riding to seat in back	1.6	c) hopping on wheel 450° to pedals	6.0
153. a) seat in back to riding	1.9	d) sideways ww to pedals	3.3
		e) sideways ww 270° to pedals	6.0
		163. a) pedals to hopping on wheel frh	3.7
		164. a) hopping on wheel frh to pedals	4.2
		165. a) seat in front to side ride	5.1
		166. a) side ride to seat in front	5.3

167. a) side ride to hopping on wheel	5.5	b) back mount to idle	2.1
b) side ride to sideways ww	5.8	c) back mount to 1ft idle	2.6
168. a) step around	5.0	d) back mount to 1ft idle ext	3.1
m) inverse	5.2	203. a) side mount	1.8
169. a) 180° uni spin	4.6	b) side mount leg around	3.4
b) 360° uni spin	5.3	c) side mount leg around twice	4.9
c) 540° uni spin	6.0	d) floor mount	2.5
d) 720° uni spin	7.0	e) floor mount leg around	4.1
e) 180° uni spin to seat in front	4.6	204. a) side mount reverse	1.8
f) 360° uni spin to seat in front	5.6	b) side mount reverse leg around	3.4
g) 540° uni spin to seat in front	6.6	c) side mount rev. leg around twice	4.9
h) 180° uni spin to idling 1ft	4.8	d) floor mount reverse	2.5
i) 360° uni spin to idling 1ft	5.5	e) floor mount reverse leg around	4.1
j) 540° uni spin to idling 1ft	6.2	205. a) jump mount	2.2
k) 180° uni spin to idling 1ft seat in fr	4.9	b) free jump mount	2.7
l) 360° uni spin to idling 1ft seat in fr	5.7	c) jump mount to seat in front	2.5
170. a) 180° uni spin to ww	4.9	d) jump mount to seat in back	2.7
b) 360° uni spin to ww	5.6	e) jump mount to ww	2.9
c) 180° uni spin to ww 1ft	5.1	f) jump mount from on wheel	2.9
d) 360° uni spin to ww 1ft	5.8	g) 180° uni spin jump mount	2.6
171. a) 180° uni spin to hopping on whl frh	5.5	h) 360° uni spin jump mount	2.7
b) 360° uni spin to hopping on whl frh	6.2	i) turn around jump mount	3.0
172. a) 180° uni spin on wheel	4.4	206. a) side jump mount	2.5
b) 360° uni spin on wheel	5.1	b) free side jump mount	3.0
<b>MOUNTS</b>		c) side jump mount to ww	3.2
200. a) mount	1.3	d) side jump mount to ww 1 ft	3.4
b) mount to idle	1.5	e) side jump mount to ww 1 ft ext	3.6
c) mount to 1ft idle	2.0	f) 180 uni spin side jump mount	3.8
d) mount to 1 ft ext idle	2.5	g) 360 uni spin side jump mount	5.2
201. a) rolling mount	1.8	207. a) spin mount 360°	2.4
b) rolling mount to 1ft	2.5	b) spin mount 720°	3.4
c) rolling mount to 1ft ext	2.7	208. a) kick up mount, 1 hand on seat	2.8
d) rolling mount to gliding	3.4	b) kick up mount	3.0
e) rolling mount to coasting	4.0		
202. a) back mount	1.9		

- |      |                                |     |
|------|--------------------------------|-----|
|      | c) kick up mount to ww         | 3.2 |
|      | d) kick up mount to ww 1ft     | 3.4 |
|      | e) kick up mount to ww 1ft ext | 3.6 |
| 209. | a) pick up mount               | 3.2 |
| 210. | a) swing up mount              | 3.4 |
| 211. | a) push up mount               | 3.8 |

## 9.2 STANDARD SKILL DESCRIPTIONS

The following descriptions are meant to explain the correct way to execute the skills. The numbering corresponds with the figure numbers in the UNICYCLING SKILLS SCORES list. Any illustrations are intended to clarify the descriptions. If illustrations and descriptions disagree, the descriptions always apply.

### RIDING SKILLS

NO.	NAME	DESCRIPTION
1.	riding	Riding (sitting on seat, facing forward).
2.	riding bwd	Riding backward.
3.	seat in front	Riding with seat held in front of the rider. In a) the seat or hand holding the seat may rest against the rider. In e), f), and g) neither hand touches the seat and the seat post is held between the rider's legs.
4.	seat in front bwd	Riding backward with seat held out in front of the rider. In a) the seat or hand holding the seat may rest against the rider. In e) and f) neither hand touches the seat and the seat post is held between the rider's legs.
5.	seat in back	Riding with the seat held out behind the rider. In a) the seat or the hand holding the seat may rest against the rider.
6.	seat in back bwd	Riding backward with the seat held out behind the rider. In a) the seat or the hand holding the seat may rest against the rider.
7.	seat on side	Riding with the seat held out to the side of the rider. In a) and b) the seat or the hand holding the seat may rest against the rider.
8.	seat on side bwd	Riding backward with the seat held out to the side of the rider. In a) the seat or the hand holding the seat may rest against the rider.
9.	stomach on seat	Riding with the abdomen on the seat, frh. In a) one hand holds onto the seat.
10.	stomach on seat bwd	Riding backward with the abdomen on the seat, hands free.
11.	chin on seat	Riding with no part of the body other than the chin touching the back of the seat, freehanded. In a) one hand may touch the seat.
12.	chin on seat bwd	Riding backward with no part of the body other than the chin touching the back of the seat, freehanded. In a) one hand may touch the seat.
13.	1ft	Riding with one foot on pedal. In d), e) and f) the free leg is extended. In g), h) and i) the free leg is crossed over the pedaling leg.
14.	1ft bwd	Riding backward with one foot on pedal. In d), e) and f) the free leg is extended.
15.	1ft seat in front	Riding with the seat held out in front of the rider, one foot on pedal. In a), e), f) and g) the seat or hand holding the seat may rest against the rider. In e) and f) the free leg is extended.
16.	1ft seat in front bwd	Riding backward with the seat held out in front of the rider, one foot on pedal. In a) the seat or hand holding the seat may rest against the rider.
17.	seat on side, 1ft	Riding with the seat held out to the side of the rider, one foot on pedal. In a) the seat or the hand holding the seat may rest against the rider.
18.	seat on side, 1ft bwd	Riding backward with the seat held out to the side of the rider, one foot on pedal. In a) the seat or the hand holding the seat may rest against the rider.
19.	side saddle	Riding 1ft while sitting partially on seat with the free leg resting on the seat or on the same side as the pedaling foot. In a) and b) one hand may touch the seat.
20.	wheel walk	Propelling the wheel with the feet placed on the wheel in front of the frame.

**RIDING SKILLS**

NO.	NAME	DESCRIPTION
21.	ww bwd	Riding backward by propelling the wheel with the feet placed on the wheel in front of the frame.
22.	ww frame between feet	Riding forward by propelling the wheel with one foot placed on the wheel in front of the frame and the other foot placed on the wheel behind the frame.
23.	ww frame between feet bwd	Riding backward by propelling the wheel with one foot placed on the wheel in front of the frame and the other foot placed on the wheel behind the frame.
24.	ww bwd, feet behind frame	Riding backward by propelling the wheel with the feet placed on the wheel behind the frame.
25.	spoke walk bwd	Riding backward by propelling the wheel with the feet placed on both sides of the wheel, behind the frame. Feet may contact spokes, rim, or tire.
26.	ww 1ft	Walking the wheel using only one foot on the wheel, in front of the frame. In d), e) and f) the free leg is extended.
27.	ww bwd 1ft	Walking the wheel backwards with one foot on the wheel, in front of the frame. In c) and d) the free leg is extended.
28.	ww bwd 1ft behind frame koosh koosh	Walking the wheel backward with one foot on the wheel behind the frame. In a) and b) the other foot rests on the frame with the toe being used as a brake to maintain balance.
29.	gliding	Riding with one foot on the wheel and the other foot resting on the frame, maintaining balance only by the braking action of the foot on the wheel. In c), d) the free leg is extended.
30.	gliding bwd foot behind frame	Riding with one foot on the wheel behind the frame and the other foot resting on the frame, maintaining balance only by the braking action of the foot on the wheel.
31.	hand wheel walk	Riding by propelling the unicycle with the hands on the wheel and with the feet resting on the frame. In c) and d) the legs are extended.
32.	one hand wheel walk	Hand wheel walk with one hand on the wheel. In c) and d) the legs are extended.
33.	hand ww, stomach on seat	Hand wheel walk with the abdomen on the seat and the legs extended.
34.	one hand ww stomach on seat	One hand wheel walk with the abdomen on the seat and the legs extended.
35.	drag seat in front	Riding with the seat dragging on the floor, in front of the wheel.
36.	drag seat in back	Riding with the seat dragging on the floor, behind the wheel.
37.	drag seat in front bwd	Riding backwards with the seat dragging on the floor, in front of the wheel.
38.	side ride	Riding 1ft, next to the unicycle, with foot on the non-corresponding pedal, holding on to the seat with both hands. The seat or the hands holding the seat may rest against the rider. In d), e) and f) only one hand holds the seat.
39.	coasting, leg ext	Riding with one foot resting on the frame and the free foot extended.
40.	coasting, foot in	Riding with both feet resting on the frame.
41.	coasting bwd, leg ext	Riding backward with one foot resting on the frame and the free foot extended.
42.	coasting bwd, foot in	Riding backward with both feet resting on the frame.
43.	sideways wheel walk	Riding sideways, standing on the wheel with one foot in front of the frame and the other behind the frame, holding on to the seat with both hands.
44.	sideways wheel walk 1ft	Riding sideways, standing on the wheel with one foot in front of the frame

**RIDING SKILLS**

NO.	NAME	DESCRIPTION
		and the free leg extended, holding on to the seat with both hands. In c) the free leg is placed on the seat.
45.	cross over	Riding one footed, with the pedaling foot on the non-corresponding pedal. Non pedaling foot can be extended, or on the fork.
46.	stand up ww 1ft	Standing on the frame walking the wheel using only one foot on the wheel, in front of the frame.
47.	stand up glide	Standing on the frame with one foot on the wheel, in front of the frame, maintaining balance only by the braking action of the foot on the wheel.
48.	stand up coast	Coasting while standing upright with both feet on the frame.

**STATIONARY SKILLS**

NO.	NAME	DESCRIPTION
100.	idling	Staying in place by moving the wheel forward and backward centered at a vertical crank position. In b) idling with one foot on pedal. In c) idling with one foot on pedal and free foot extended. In d) idling with one foot on pedal and free leg crossed over the pedaling leg.
101.	idling seat out	Staying in place by moving the wheel forward and backward centered at a vertical crank position with the seat held in front of the rider. In a), c) and e) the seat or hand holding the seat may rest against the rider. In c) and d) idling with one foot on pedal. In e) idling with one foot on pedal and free foot extended. In f) and g) the seat is held in back of the rider. In f) the seat or hand holding the seat may rest against the rider.
102.	idling seat on side	Idling with the seat held out to the side of the rider. In a) the seat may touch the rider's body. In b) the rider shall have no contact with the seat other than one hand holding the seat.

**STATIONARY SKILLS**

NO.	NAME	DESCRIPTION
103.	crank idle	Staying in place, on one side of the unicycle, by moving the wheel forward and backward centered at a vertical crank position. One foot is on the pedal while the other foot is resting on top of the crank arm on the same side.
	a) crank idle, seat against body	In a) the seat or one hand holding the seat may rest against the rider.
	b) crank idle frh, seat against body	In b) the seat may rest against the rider but neither hand may touch the seat.
	c) crank idle	In c) the rider shall have no contact with the seat other than one hand holding the seat.
104.	stillstand	Staying in place with no wheel movement.
105.	twisting	Staying in place twisting the unicycle left and right around a vertical axis.
106.	touch the floor	Bending down and touching the floor with one hand while seated or standing on the pedals in the seated position. In b) both hands simultaneously touch the floor.
107.	touch the floor, seat in front	Bending down and touching the floor with one hand, while holding the seat out in front with the other hand.
108.	bounce seat	From riding with the seat in front, bouncing the seat on the floor once and catching it back.

**STATIONARY SKILLS**

NO.	NAME	DESCRIPTION
109.	touch seat on floor	Bending down and touching the floor with the seat while holding it out in front of the rider with one hand.
110.	hopping	Bouncing with the unicycle with one hand holding on to the seat. In b) both hands are free.
111.	hopping seat out	Hopping with the unicycle with the seat held in front of the rider. In a) and c) the seat or the hand holding the seat may rest against the rider. In c) and d) the seat is held in back of the rider.
112.	hoptwisting	Staying in place bouncing the unicycle left then right around a vertical axis. A minimum of 3 consecutive cycles (left and right bounces) must be executed. Neither hand may touch the seat.
113.	hoptwist	Bouncing with the unicycle and turning around a vertical axis over a) 90, b) 180 and c) 360 degrees in one jump. In d), e) and f) with hands free.
114.	riding hoptwist	Riding forward and jumping around a vertical axis over a) 180 and b) 360 degrees in one jump and continue riding. In c), and d) with hands free.
115.	hop over	Hop with the unicycle over the center 50 cm circle. One or both hands may touch the seat. In a) and c) with the unicycle facing the direction of travel. In b) and d) with the unicycle perpendicular to the direction of travel. In c) and d) the seat is held in front of the rider.
116.	side hopping	Hopping 1ft, next to the unicycle, with foot on the non-corresponding pedal holding on to the seat with either one or both hands. In a) the free foot is extended. In b) the free foot is touching the tire for balance.
117.	hopping on wheel	Hopping, standing on wheel with one foot in front of and the other behind frame, holding on to the seat with both hands.
118.	hoptwist on wheel	Hopping on wheel and turning around a vertical axis over a) 90 and b) 180 degrees in one jump.
119.	hopping on wheel frh	Hopping, standing on wheel with one foot in front of and the other behind the frame, not holding on to the seat.
120.	hoptwist on wheel frh	Hopping on wheel freehanded, and turning around a vertical axis over a) 90 and b) 180 degrees in one jump.
121.	riding spin	Riding, rotating 360 degrees around a vertical axis and continuing riding in the same direction.
122.	bwd riding spin	Riding backward, rotating 360 degrees around a vertical axis and continuing riding backward in the same direction.
123.	spin	Riding in a small circle with the upper body rotating around a vertical axis. In b) and c) riding with one foot on pedal.
124.	backward spin	Riding backward in a small circle so that the upper body is rotating around a vertical axis. In b) and c) riding with one foot on pedal.
125.	a) and b) spin seat in front	Riding in a small circle with the seat held out in front of the rider so that the upper body is rotating around a vertical axis. In a) the seat or the hand holding the seat may rest against the rider.
126.	a) and b) spin seat in back	Riding in a small circle with the seat held out behind the rider so that the upper body is rotating around a vertical axis. In a) the seat or the hand holding the seat may rest against the rider.
127.	spin seat on side	Riding in a small circle so that the upper body is spinning around a vertical axis with the seat held out to the side of the rider. In a) the seat or hand holding the seat may rest against the rider.
128.	pirouette	Spinning around a vertical axis, on momentum gained from forward movement.

**STATIONARY SKILLS**

NO.	NAME	DESCRIPTION
129.	backward pirouette	Spinning around a vertical axis on momentum gained from backward movement.
130.	pirouette seat in front	Spinning around a vertical axis with the seat held out in front of the rider. In a) the seat or the hand holding the seat may rest against the rider.
131.	pirouette seat in back	Spinning around a vertical axis with the seat held out behind the rider. In c) the seat or the hand holding the seat may rest against the rider.

**TRANSITIONS**

NO.	NAME	DESCRIPTION
150.	riding to seat in front	From riding, pulling out the seat to seat in front.
151.	seat in front to riding	From seat in front, getting back on the seat into riding.
152.	riding to seat in back	From riding, pulling out the seat to seat in back.
153.	seat in back to riding	From seat in back, getting back on the seat into riding.
154.	a) wheel walk to pedals	From walking the wheel to riding.
	b) wheel walk to riding 1ft	In b) from walking the wheel to riding with one foot on the pedal.
	c) gliding to pedals	In c) gliding to riding.
	d) gliding to riding 1ft	In d) gliding to riding with one foot on the pedal.
155.	a) leg around	From seat in front, swinging one leg around the seat to seat in back or riding.
	b) leg around twice	In b), the leg goes once around the seat before the foot is placed back on the pedal.
156.	a) leg around reverse	From seat in back, swinging one leg around the seat to seat in front or riding.
	b) leg around twice reverse	In b), the leg goes once around the seat before the foot is placed back on the pedal.
157.	backspin	Riding, rotating 180 degrees around a vertical axis and continuing riding backward in the same direction.
158.	front spin	Riding backward, rotating 180 degrees around a vertical axis and continuing riding forward in the same direction.
159.	pick up seat in front	From seat drag in front, picking up the frame and bringing it upright into seat in front. In a) the frame is picked up with a hand. In b) the frame is picked up with the toe by back pedaling slightly. In c) the frame is picked up by lifting a foot off the pedals and placing it under the frame.
160.	pick up seat in back	From seat drag in back, picking up the frame and bringing it upright into seat in back or seat on side. In a) the frame is picked up with a hand. In b) the frame is picked up with the heel. In c) the frame is picked up by lifting a foot off the pedal and placing it under the frame.
161.	a) pedals to hopping on wheel	From seat in front, jumping on the wheel into hopping on wheel. In b), the
	b) pedals 270° to hop on wheel	unicycle is rotated 270 or in c), 450 degrees around a vertical axis before
	c) pedals 450° to hop on wheel	the feet are placed on the tire.
	d) pedals to sideways ww	In d), from seat in front, jumping on the wheel into sideways wheel walk.

**TRANSITIONS**

NO.	NAME	DESCRIPTION
	e) pedals 270° to sideways ww	In e) and f), the unicycle is rotated e) 270 or f) 450 degrees around a vertical axis before the feet are placed on the tire.
	f) pedals 450° to sideways ww	
162.	hopping on wheel to pedals	From hopping on wheel, jumping down to seat in front or riding. In b) and c), the unicycle is rotated b) 270 degrees or c) 450 degrees around a vertical axis before the feet are placed on the pedals.
	sideways ww to pedals	In d), from sideways wheel walk, jumping or stepping down to seat in front or riding without hopping. In e), the unicycle is rotated 270 degrees around a vertical axis before the feet are placed back on the pedals.
163.	pedals to hopping on wheel frh	From riding, placing one foot on the wheel in front of the frame and the other foot on the wheel behind the frame, and standing up into hopping on wheel freehanded.
164.	hopping on wheel frh to pedals	From hopping on wheel freehanded, jumping down to riding.
165.	seat in front to side ride	From seat in front jumping into side ride.
166.	side ride to seat in front	From side ride, jumping into seat in front.
167.	a) side ride to hopping on wheel	From side ride, jumping into a) hopping on wheel.
	b) side ride to sideways ww	From side ride, jumping into b) sideways wheel walk.
168.	step around	From seat in front the rider steps around the uni, without the uni bouncing or turning, such that the feet switch pedals. The rider ends facing the opposite way, sitting on the seat.
	inverse	From seat on side the rider swings one leg in back and then steps around the uni, without the uni bouncing or turning, such that the feet switch pedals. The rider ends facing the opposite way, sitting on the seat.
169.	uni spin	Jumping up off the uni, rotating the uni or the body a), e), h) & k) 180° or b), f), i) & l) 360° or c), g) & j) 540° or d) 720° around a vertical axis and landing back on it.
	uni spin to seat in front	In e), f) & g) the rider lands with the seat held in front. The seat may touch the rider and one or both hands may touch the seat.
	uni spin to idling 1ft	In h), i) & j) the rider lands into idling one foot.
	uni spin to idling 1ft, seat in front	In k) & l) the rider lands into idling one foot with the seat held in front. The seat may touch the rider and one or both hands may touch the seat.
170.	uni spin to ww	Jumping up off the uni, rotating it a) & c) 180, or b & d) 360 degrees around a vertical axis and landing back on it in the wheel walk position. In c) and d) the rider lands into wheel walk one foot.
	uni spin to ww 1ft	
171.	uni spin to hopping on wheel frh	Jumping up off the uni, rotating it a) 180 or b) 360 degrees around a vertical axis, and landing back on it into hopping on wheel freehanded. When landing on the wheel, the hands must not touch the seat after the first hop.
172.	uni spin on wheel	From hopping on wheel, jumping up off the unicycle, rotating it a) 180 or b) 360 degrees around a vertical axis, and landing back on it into hopping on wheel.

**MOUNTS**

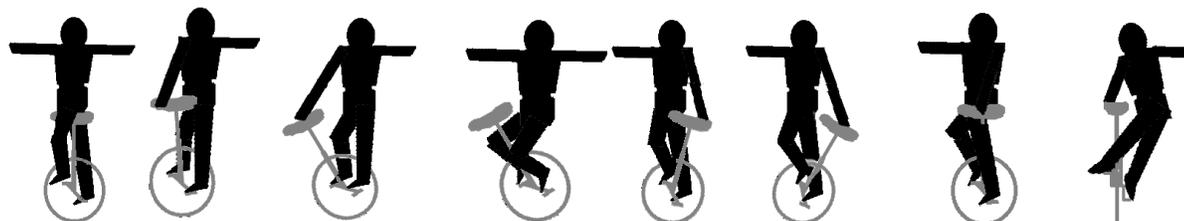
NO.	NAME	DESCRIPTION
200.	mount	Mounting the uni from standing behind it, by placing one foot on the rear pedal and going up and over the wheel or rotating the wheel backward to obtain balance. In b), c) and d) mounting to idling without riding. In c) and d), mounting into idling with only one foot on pedal. In d) the free leg is extended.
201.	rolling mount	Mounting the uni while pushing the uni forward, by placing one foot on the rear pedal and going up and over the wheel, without the wheel pausing, stopping or going backwards and continue riding forward. In b) mounting directly into one foot riding. In c) mounting directly into one foot extended riding. In d) and e) mounting directly into d) gliding or e) coasting without touching either of the pedals.
202.	back mount	Mounting the uni from standing in front of it, by placing one foot on the front pedal and going up and over the wheel or rotating the wheel forward to obtain balance. In b), c) and d) mounting to idling without riding. In c) and d), mounting into idling with only one foot on pedal. In d) the free leg is extended.
203.	side mount	Mounting the uni from standing next to it, by placing corresponding foot on pedal closest to rider, swinging the other leg around in front of the seat, getting seated and placing second foot on pedal. In b), c) and d), the leg goes b) and d) once or c) twice around the seat before the second foot is placed on the pedal.
	floor mount	In d) and e) the rider mounts the unicycle by laying the unicycle down on its side with one pedal touching the floor, one hand holding the seat and placing corresponding foot on pedal closest to rider and the other foot on the edge of the tire, neither foot may touch the floor, and mounts into the side mount.
204.	side mount reverse	Mounting the uni from standing next to it, by placing corresponding foot on pedal closest to rider, swinging the other leg around behind the seat, getting seated and placing second foot on pedal. In b), c) and d), the leg goes b) and d) once or c) twice around the seat before the second foot is placed on the pedal.
	floor mount reverse	In d) and e) the rider mounts the unicycle by laying the unicycle down on its side with one pedal touching the floor, one hand holding the seat and placing corresponding foot on pedal closest to rider and the other foot on the edge of the tire, neither foot may touch the floor, and mounts into the side mount.
205.	jump mount	Mounting the uni from standing behind it, by jumping on it, landing on both pedals simultaneously.
	free jump mount	In b) the rider lets go of the uni before his or her feet leave the floor.
	jump mount to seat out	In c) the rider lands with the seat in front, not touching body. In d) the rider lands with seat in back not touching body.
	jump mount to wheel walk	In e) the rider lands in wheel walk position.
	jump mount from on wheel	In f) the unicycle is lying on its side. Rider stands on the side of the tire with neither foot touching the floor, then jumps up, pulls saddle into position, and lands on saddle and pedals.
	uni spin jump mount	In g) and h) the uni or rider gets spun 180 and 360 degrees respectively around a vertical axis after the rider leaves the floor but before the rider lands on it.
205. cont.	turn around jump mount	In i) the rider turns around 180 degrees before landing on the unicycle.

**MOUNTS**

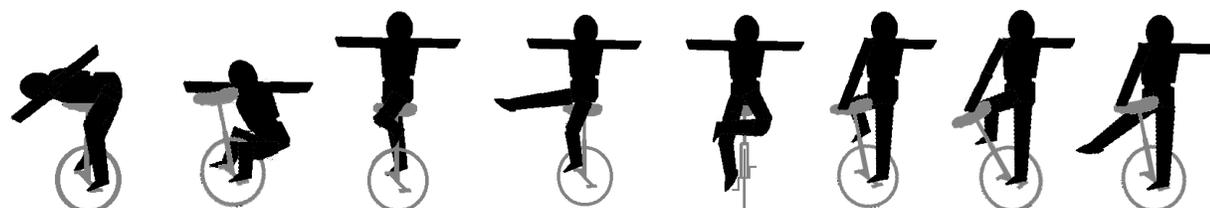
NO.	NAME	DESCRIPTION
206.	side jump mount	Mounting the uni from standing next to it, by jumping on it with one leg going around the front of the seat and landing on both pedals simultaneously.
	free side jump mount	In b) the rider lets go of the uni before his or her feet leave the floor.
	side jump mount to ww	In c), d) or e) the feet are placed on the wheel, without touching the pedals, and the rider goes immediately into c) wheel walk, d) wheel walk one foot or e) wheel walk one foot with the free leg extended.
	uni spin side jump mount	In f) and g) the uni gets spun 180 and 360 degrees respectively around a vertical axis after the rider leaves the floor but before the rider lands on it.
207.	spin mount 360° / 720°	Mounting the unicycle and without pausing or idling, spinning a) 360 and b) 720 degrees around a vertical axis.
208.	kick up	Mounting the uni from standing over it (the unicycle lying on the floor) by placing corresponding foot on pedal, kicking the seat up into place with the other foot without either hand touching the seat and placing the second foot on the pedal. In a) one hand may touch the seat.
	kick up to wheel walk	In c), d) or e) the second foot is placed on the wheel instead of on the pedal and the rider goes immediately into c) wheel walk, d) wheel walk one foot or e) wheel walk one foot with the free leg extended.
209.	pick up	Mounting the unicycle from standing behind it (wheel upright with seat on the floor) by jumping onto the pedals, picking up the seat and getting seated.
210.	swing up mount	Mounting the unicycle from standing beside it (wheel upright; seat on floor) by placing corresponding foot on the pedal, swinging the frame upright with the second foot, swinging the second leg around the back of the seat, getting seated, and placing the second foot on the pedal.
211.	push up mount	Mounting the unicycle starting with rider laying face down on the floor. The uni is in the riding position but with only the seat and wheel touching the floor. The rider pushes up using only the hands, the feet can only touch the pedals, into the riding position.

### 9.3 STANDARD SKILL ILLUSTRATIONS

The following images are intended to clarify the descriptions in section 8.2. If illustrations and descriptions disagree, the descriptions always apply.



1 3a) 3b)c)d) 3e)f)g) 5a) 5b)c)d) 7a)b) 7c)d)  
 2 4a) 4b)c)d) 4e)f) 6a) 6b)c)d) 8a) 8b)c)



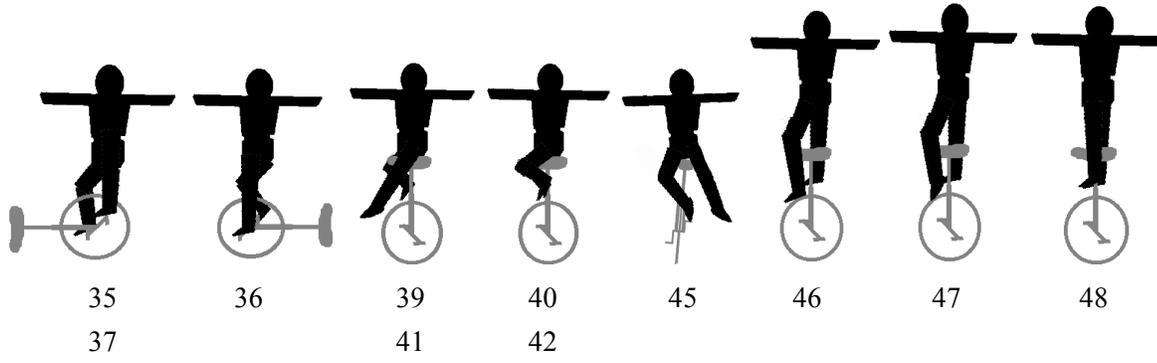
9 b)c)d) 11b)c)d) 13a)b)c) 13d)e)f) 13g)h)i) 15a) 15b)c)d) 15e)f)  
 10 12b)c)d) 14a)b)c) 14d)e)f) 16a) 16b)c)



20a)b)c) 21a)b) 22 23 24 25 26a)b)c) 27a)b) 26d)e)f) 27c)d) 28a)b)



28c)d) 29a)b) 29c)d) 30 31a)b) 31c)d) 32a)b) 32c)d)



# 10 Unicycle Hockey

## INTERNATIONAL UNICYCLING FEDERATION OFFICIAL RULES

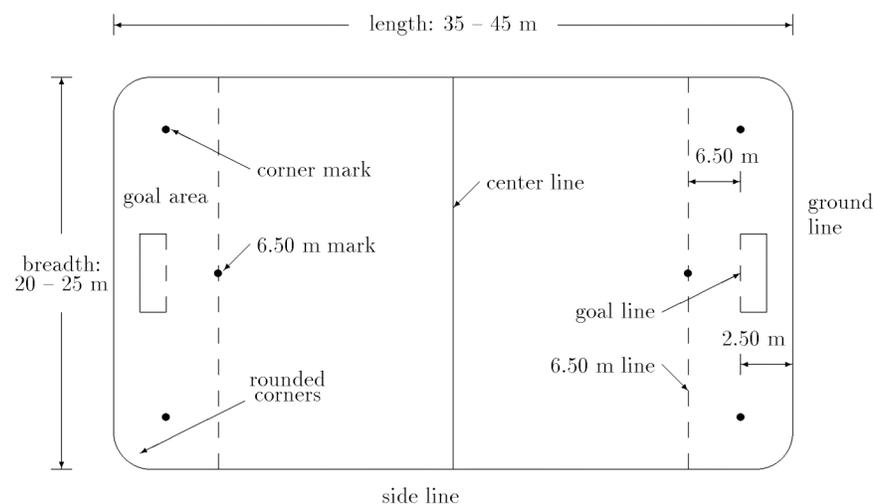
For more information, contact the Hockey Chairman of the IUF Skill Levels and Rules Committee:

Rolf Sander, E.-Klausener Strasse 6, 40789 Monheim, Germany - [sander@mpch-mainz.mpg.de](mailto:sander@mpch-mainz.mpg.de)

[www.mpch-mainz.mpg.de/~sander](http://www.mpch-mainz.mpg.de/~sander)

### PREFACE

Attention must be drawn to the safety of the players and spectators. Thus, the safety rules have to be obeyed strictly and all equipment must be in good condition. These rules cannot cover every situation. Teams have to agree on a specific amount of elbow-room before playing. The different backgrounds of the players and the conditions of the location have to be considered. Fairness of everyone involved is vital.



## 10.1 PLAYING FIELD

### 10.1.1 DIMENSIONS

The field has a length of 35 to 45 meters and a breadth of 20 to 25 meters. It is surrounded by barriers. The corners are rounded or beveled.

### 10.1.2 GOALS

The posts are 2.50 m in from the ends of the playing field (ground lines), ensuring that the players can go behind them. The inside dimensions of goal openings are 1.20 m high and 1.80 m wide. The goals must be made in such a way that the ball cannot enter through the rear or sides. The goals must not have sharp, pointed or protruding parts.

### 10.1.3 MARKINGS

The center line divides the field into two equal halves. There is a mark in front of each goal at a distance of 6.5 m. The goal lines connect the posts on the ground. The corner marks are on the extension of the goal lines, 1.0 m in from each side line. The 6.5 m lines are parallel to the goal lines and run through the 6.5 m marks. The goal areas are between the 6.5 m lines and the ends of the field.

## 10.2 TEAMS

---

### 10.2.1 NUMBER OF PLAYERS

A team consists of five players (plus substitutes). Substituting one player for another is possible at every interruption of the game if indicated to the referee. Each player can be the goal keeper at any time. The goal keeper has no special rights. To take part in a game, a team must have at least three players.

### 10.2.2 CLOTHING

Shoes must be worn. All players of a team must wear tricots of the same color. The color must be clearly different from the opponent's color. At tournaments and other large events each team should have two different colored sets of tricots. Clothing suggestions for comfort and safety:

Cycling shorts and kneepads, or long pants

Gloves

Short shoe laces, or laces tucked in

Helmet and dental protection

Definitely no jewelry (watches, necklaces, earrings)

## 10.3 EQUIPMENT

---

### 10.3.1 UNICYCLES

For international competitions, the maximum wheel size is 24". The unicycles must not have sharp or protruding parts anywhere which might cause injuries. This refers especially to quick-release levers and bolts. The pedals must be plastic or rubber.

### 10.3.2 STICKS

All sticks legal for playing ice-hockey (apart from those for the goalkeeper) can be used. Cracked or splintered sticks must be taped or repaired before play. An upper end made of rubber is recommended.

### 10.3.3 BALL

The type of ball used depends on the region. In some areas a "dead" tennis ball that reaches 30 percent to 50 percent of its original height after bouncing onto concrete is used. In other areas street hockey balls are used. For international competitions, the choice is made by the hosting organization if the opposing teams do not agree on which ball to use. The chosen type of ball must be announced well in advance of the competition, and must be obtainable in all participating countries.

## 10.4 PENALTIES

---

In every instance of a violation of the rules the referee must penalize the offending team, unless the referee decides not to interrupt the game (advantage). The referee must start the game after any interruption.

### 10.4.1 FREE SHOT

The free shot is executed from the point where the violation was done. Exception: If a team gets a free shot within the opponents' goal area, the free shot is done from the closest corner mark (corner shot). The free shot is indirect. The player executing the free shot may only touch the ball once. Then another player has to touch the ball. Opposing players must keep a distance with their unicycles and their sticks of at least 2.0 m from the ball.

### 10.4.2 6.5 M

If legal playing would have led to a direct chance to score a goal, a "6.5 m" is given. This includes fouls outside the goal area. The ball is placed at the 6.5 m mark. A player of the defending team goes to the goal. The other team chooses a player to shoot the 6.5 m. All other players must leave the goal area. After the referee's whistle the goal keeper must ride the unicycle freely and not rest on the goal. The attacking player has three seconds to make one shot. If no goal is scored, play continues as soon as the ball touches the post, the keeper touches the ball or the ball crosses the extended goal line.

### **10.4.3 PENALTY BOX**

The referee can send a player off the field for two minutes, five minutes or for the remainder of the game. This is done in the case of unsporting behavior or intentional, dangerous disregard of the rules. While a player is in the penalty box, the team may not substitute a replacement for that player.

### **10.4.4 PENALTY GOAL**

If the defending team prevents a goal from being scored through an illegal play of the ball and if, in the opinion of the referee, the ball was traveling directly toward the goal and would definitely have entered the goal without being touched by another player, a penalty goal may be awarded. In this case the attacking team is awarded a goal. If there is any doubt as to the certainty of a goal, a 6.5 m must be awarded as described in section 10.4.2.

## **10.5 COURSE OF THE GAME**

---

### **10.5.1 GAME DURATION**

All times mentioned refer to actual playing time. The time is stopped at interruptions. There are two 15-minute halves, separated by a five-minute break. The teams change sides during the break. If the game ends in a draw and a decision is necessary, play is continued for ten more minutes: five-minute break and change sides, five minutes of play, change sides without a break and five more minutes of play. If it's still a draw, each of the five current players from each team shoots a 6.5 m. If it's again still a draw, each team shoots one more 6.5 m until there is a decision.

### **10.5.2 RIDING THE UNICYCLE**

The player has to be riding the unicycle freely. He or she may use the stick as support but must not rest on the goal or the wall or something similar. The referee should tolerate a short support on the wall to avoid a dismount. A player who is falling off the unicycle may take part in the game until touching the ground. A player who is off the unicycle must not be an obstacle for opponents. The player is considered an obstacle if the player, the unicycle or stick is hit by the ball and also if an opponent cannot move around freely. The player should remount at the same spot, but if necessary move out of the way of play first.

### **10.5.3 CONTACT WITH THE BALL**

The stick, the unicycle and the whole body can be used to play the ball. It all counts as a contact. Players are not allowed to play the ball with the body twice in a row. The ball may only be guided with the stick but not with the body. For arms and hands see also section 10.7.1.

### **10.5.4 ALLOTMENT OF THE BALL**

Each game period starts with a bully (face off) in which the referee drops the ball between two opposing players onto the center mark. Playing starts when the ball touches the ground.

### **10.5.5 RESTART AFTER A GOAL**

After a goal, the non-scoring team gets the ball. All players must go to their own half. The game resumes when the ball or a player of the team in possession crosses the center line.

### **10.5.6 BALL OUT OF BOUNDS**

If the ball leaves the field, the team opposite to that of the player who last touched it gets a free shot or a corner shot, depending where the ball went out. A free shot is done 1.0 m in from the side line.

### **10.5.7 MOVING THE GOAL**

If a player moves the goal, the game is interrupted and the opposing team gets a free shot.

### **10.5.8 BALL IN SPOKES**

If the ball gets stuck between the spokes of someone's unicycle, the opposing team gets a free shot.

## 10.6 FOULS

---

### 10.6.1 GENERAL CONSIDERATIONS

All players must take care not to endanger others. The game is contactless, i.e., the opponents and their unicycles may not be touched. You may touch an opponent's stick with your stick to block him. However, this contact may not be hard.

### 10.6.2 RIGHT OF WAY

To keep the game going, rule violations that do not influence the course of the game should not be penalized. The following rules apply when riders come into contact with each other:

No player may endanger another player by forcing him to give way (e.g., to push him toward the wall).

A player who is idling must be evaded.

The leading of two players riding next to each other may choose the direction of turns. If both are evenly side by side, the one having the ball may choose the direction.

If two players are approaching each other directly or at an obtuse angle, the one with the ball has the right of way.

In all cases not mentioned above, it is up to the referee to make a decision.

### 10.6.3 SUB (STICK UNDER BIKE)

A player who holds his or her stick in a way that someone else rides over or against it is committing a foul, regardless of intention. According to the situation the player who was "subbed" is given either a free shot or a 6.5 m.

### 10.6.4 SIB (STICK IN BIKE)

If a stick gets into the spokes of an opponent, the holder of the stick is committing a foul regardless of intention. According to the situation the player who was "sibbed" is given a free shot or a 6.5 m.

### 10.6.5 INTENTIONAL FOULS

Intentional fouls are considered to be unsporting behavior. The respective player is sent off the field for at least 2 minutes.

## 10.7 GOAL SHOTS

---

Restrictions 10.7.1 and 10.7.2 are not valid if the ball is shot into one's own goal. After a disallowed goal the defending team gets the ball.

### 10.7.1 GOAL SHOT WITH ARMS OR HANDS

A goal is disallowed if scored with arms or hands.

### 10.7.2 LONG SHOT

A goal is disallowed if the ball was shot from one's own half and was not touched by anyone afterwards.

### 10.7.3 GOAL SHOT THROUGH THE NET

If the ball entered the goal through the net from the side or the back, e.g., through a hole in the net, the goal is disallowed and the opposing team gets a free shot.

## 10.8 SAFETY RULES

---

### 10.8.1 THROWING STICKS

A player who intentionally drops or throws his or her stick is sent off the field for at least 2 minutes, at the discretion of the referee. Also, the opposing team gets a 6.5 m.

### 10.8.2 TOP OF THE STICK

The upper end of the stick must always be covered with one hand to avoid injury to other players.

### 10.8.3 THE LOWER END OF THE STICK

The lower end of the stick must always be below the players' hips. Each player must take care not to hit an opponent with his or her stick, especially after a shot.

### 10.8.4 INJURIES

The referee must suspend the game if an injury occurs. Afterwards, a free shot is given to the team that was in possession of the ball at the time of the interruption.

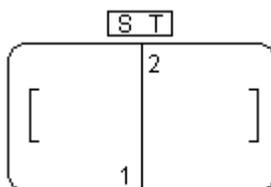
## 10.9 REFEREE RULES

---

### 10.9.1 MEMBERS OF THE BOARD OF REFEREES

The board of referees consists of:

- First referee (1)
- Second referee (2)
- Secretary (S)
- Timer (T)



### 10.9.2 THE REFEREES

Both referees are responsible for checking all violations of the rules. The first referee has three additional tasks:

He overrules the second referee, if they disagree.

He restarts the game after every interruption by a long blow of the whistle.

He throws the ball in for the bully.

### 10.9.3 THE SECRETARY

The secretary sits at the desk. He takes care that the scoreboard always shows the current score. After a goal he seeks eye contact with the first referee to check if he declares the goal valid or not. After the end of the game he writes the final score into the report.

### 10.9.4 THE TIMER

The timer checks the time of play with a stopwatch. The watch is started whenever the referee starts the game by blowing the whistle and it is stopped at every interruption. At the end of each half, the timer stops the game by blowing the whistle.

### 10.9.5 GENERAL

The game is interrupted by a short and loud blow of the whistle. In case the whistle wasn't heard by all players, it is necessary to blow the whistle again. It is not possible to let the game continue after blowing the whistle.

The referees should set the tone through their positive and calm appearance. Decisions are explained upon request but they are not discussed with the players. In an unclear situation, the referees can ask the players before making a final decision.

The two referees are positioned one on each side. They try to stay close to the ball. They should not ride a unicycle.

Neither the referees nor the timer or secretary may be distracted from the game. Most of all, they must not talk with the spectators during the game.

The clothes of the referees must be of different color than those of the players.

### 10.9.6 BEFORE THE GAME

Before the game, the referees assemble all players on the field (including substitutes). They check the following:

Are the colors of the tricots of the players clearly different?

Did all players take off their watches and jewellery which might injure others?

Are the unicycles and sticks orderly, i.e. without sharp, pointed or protruding parts which might injure others?

They explain to the players how strictly they will interpret the rules.

If necessary, they tell the players how long the game will be and also if there is extended time in case of a draw.

### 10.9.7 Interpretation of the rules

After a goal, the referee waits until both teams are back in their own halves and ready to continue. Only then, he starts the game by blowing the whistle.

If the teams start to play even though the game had not been started by the referee, it is stopped immediately by two or more quick consecutive blows of the whistle.

For the bully, the ball is dropped but not thrown.

When the referee applies the advantage rule, he shows the hand sign "Advantage". In addition he may shout "Advantage" or "Go ahead!" He does not blow the whistle.

If a player who is not riding a unicycle shoots into his own goal, the advantage rule applies for the attacking team; i.e. the goal is valid.

Raising the opponent's stick is allowed in principle, if not done using exaggerated roughness. If the opponent's stick is raised above the height of his hips, it is always considered exaggerated roughness.

A free shot must be passed to another player. However, this is not necessary when the game is restarted after a goal. It is legal to directly shoot a goal after passing the center line.

A player who takes part in the game must be riding the unicycle freely. For a remounting player this means he must sit on the seat and have both feet on the pedals.

After each interruption of the game the referee briefly explains his decision. In addition he shows the corresponding hand sign.

Since it is not allowed to hold onto the goal at all, it is not sufficient to release the goal only quickly for the time while the goal keeper takes part in the game.

When two or more players fall and it is unclear whether a foul occurred, the referees can interrupt the game and then continue it with a bully. This prevents that even more players are drawn into the situation.

### 10.9.8 REFEREE HAND SIGNS

---



#### 10.9.8.1 "Free shot"

Point with the extended arm in the direction of play.



#### 10.9.8.2 "Bully"

Hold both thumbs up.

---

**10.9.8.3 "6.50 m"**

Point with the index finger to the 6.50 m point.

---

**10.9.8.4 "Advantage"**

Extend both arms horizontally.

This is the only hand sign that is not used in conjunction with a blow of the whistle. It is also used to indicate that there was *no* foul in a critical situation.

---

**10.9.8.5 "Time out"**

Form the letter "T" with both hands.

The game is interrupted for example if a player is injured or if the audience disturbs the game.

---

**10.9.8.6 "Goal"**

Point upwards vertically with one arm.

The referees should check here that the goal is noted by the secretary. To control this it may be useful for the referee to write down the score himself.

---

**10.9.8.7 "No goal"**

Move the flat hand horizontally (palm pointing down).

With this hand sign a goal shot is declared invalid. This is for example the case if the ball was last touched by hand or arm, in case of a long shot, if the ball entered the goal through the net from the outside, or if the game had already been stopped before the ball entered goal. The referees should check here that the invalid goal is not inadvertently counted by the secretary.

---

**10.9.8.8 "High stick"**

Hold clenched fists next to each other above the head.

---

**10.9.8.9 "Penalty box for 2 minutes" and also "Two consecutive plays with the hand"**

Spread and raise two fingers.

---

**10.9.8.10 "Penalty box for 5 minutes"**

Spread and raise five fingers.

---

# 11 Unicycle Basketball

## INTERNATIONAL UNICYCLING FEDERATION GUIDELINES

In IUF competition, unicycle basketball is played using the international rules for regular basketball with a few changes. The items below, in combination with standard international basketball rules, are what are used for UNICON competition.

### 11.1 UNICYCLES

---

For international competitions, the maximum wheel size is 24". The unicycles must not have sharp or protruding parts anywhere which might cause injuries. This refers especially to quick-release levers and bolts. The pedals must be plastic or rubber.

### 11.2 STEPS AND TRAVELING

---

The player is allowed two steps. A step is a half revolution of the wheel, meaning that each wheel revolution is the equivalent of two steps because pedaling with one leg only moves the wheel half a revolution. However, if as a continuation of the play the ball is thrown or passed, an extra (third) half revolution is allowed. This extra step is the equivalent to the jump in regular basketball.

### 11.3 IDLING

---

Idling is equivalent to the pivot foot and therefore is allowed. Twisting, where the pedals stay at the same height, while you move the unicycle left and right is also considered your pivot foot, and therefore allowed. The player must also stay within a one meter radius from the point where the idling or twisting started.

### 11.4 PLAYER ON UNICYCLE

---

The player can only play the ball while mounted on the unicycle and not touching anything else for support. This applies to offense, defense, and during jump balls. As an exception to this rule, players may jump off the unicycle for slam dunks and to block shots, as long as the player is aware of where the unicycle will end up and that it will not cause a safety hazard. If another player is fouled by the player that jumped or gets hit by the abandoned unicycle, a flagrant foul will be called.

The player throwing the ball inbound must be mounted.

### 11.5 PLAYER OFF UNICYCLE

---

If a player falls and loses the unicycle, the player must try to get it out of the way as soon as possible if it can be done without disrupting the flow of play. If that is not possible, then the player must leave it where it lands until it can be retrieved without being disruptive. A violation will result in an obstruction foul.

### 11.6 FOUR SECOND ZONE

---

The three second zone becomes the four second zone.

### 11.7 INTENTIONAL PUSHING

---

Intentional blind side pushes are considered flagrant fouls. Two flagrant fouls by the same player disqualifies him for the rest of that game. The referee must understand that often there is lots of shuffling and pushing because more than one player is going for the ball or because it gets crowded and the rider must look for balance. The referee must appreciate if there is no foul, a regular foul, or a flagrant foul, just like he would in a conventional game.

A player off his or her unicycle is considered off-side.

### 11.8 CONTACT OF THE BALL WITH THE UNICYCLE

---

As long as the player is in contact with the unicycle, riding or not, it is considered part of a player when a ball bounces out of bounds off the unicycle. If this happens the other team gets possession of the ball.

# 12 Unicycle Trials

## 12.1 DEFINITION OF FREETRIALS COMPETITIONS

---

The object of Freetrials is to ride over obstacles. A Freetrials competition takes place on a "course" containing different obstacles called "sections". Each section is worth one point, and courses typically contain 15 – 40 or more sections.

Riders earn points by successfully riding ("cleaning") each section from start to finish. The objective is to earn as many points as possible by cleaning as many sections as possible.

At the end of a specified time period, the rider with the highest overall number of points (who has cleaned the most number of sections) is the winner.

## 12.2 THE COURSE

---

The competition takes place within a specified time period (2+ hours depending on the number of obstacles), on a collection of 15 to >40 independent, numbered sections of any length (typically 3 m to 20 m long). Sections may include narrow beams or logs, steep climbs, rocks, etc.

The average difficulty level of sections will vary between competitions depending on the ability level of the riders participating. In all competitions, section difficulty should be evenly represented at all levels from the most beginner to the most expert riders. See Appendix 1 for more information on setting sections.

At each section are posted instructions that identify the section number, its difficulty level, and a description of the section. Section boundaries are defined by flagging tape and/or instructions that designate a start line, section boundaries, and a finish line.

## 12.3 COMPETITION TIME DURATION

---

The minimum competition time duration is 2 hours. If there are more than 30 sections and there are a large number of competitors, 3+ hours is recommended. The time duration should be sufficient to allow each rider time to attempt each obstacle multiple times, if necessary.

All riders must stop riding at the end of the time limit. If a rider is mid-way through an attempt when the time limit is reached, they are allowed to finish that attempt.

The maximum amount of time allowed for each attempt on a section is two minutes. However, for extremely long sections the Event Director may increase this time limit as necessary.

## 12.4 COMPETITION CATEGORIES

---

Competitors are divided up into different categories for the purpose of awarding prizes. Rider categories should include beginner, sport, expert and pro classes. Smaller events or expert/pro events may not contain all categories. Categories based on gender should be included if there are both male and female participants, with a minimum of 3 riders in a category.

## 12.5 SECTION RESTRICTIONS FOR COMPETITION CATEGORIES

---

Normally, all riders of all categories are free to attempt any sections they wish, in the entire course.

In cases where there is a wide range of rider ability, or there are space or time restrictions, the Event Director may allow the Expert and Pro classes to skip the sections that were set for beginner riders. If this is the case, the Event Director should clearly mark the sections that may be skipped.

There should not be any restriction on riders attempting more difficult sections. The only exception would be in cases where the Event Director decides that a section is too dangerous to be attempted by beginner or sport level riders.

## 12.6 SCORING POINTS

---

Each section is worth one point, and the objective is to score points by successfully riding ("cleaning") as many sections as possible within the specified time period.

### 12.6.1 Definition of “Cleaning”

Cleaning a section is defined as follows:

1. Riding into a section. This is defined as the moment a rider's front axle crosses over the start line.
2. Riding through the section without "dabbing". Dabbing is defined as follows:
  - Allowing any part of the rider's body to touch the ground or obstacle. If loose clothing brushes against the ground or obstacle but does not influence the rider's balance, then this is acceptable (does not constitute a dab).
  - Allowing any part of the cycle except the tire, rim, spokes, crank arms, pedals, bottom bracket, bashguard or bearing housings to touch the ground.
  - Riding or hopping outside the boundaries of the defined section. The axle(s) of the cycle must be within the boundaries of the section at all times, even if the rider is in the air (e.g., a rider cannot hop over a section boundary that turns a corner, even if they land back inside the section).
  - Breaking the flagging tape or other markers that are delineating a section boundary. Touching or stretching the tape does not constitute a dab, as long as the axle(s) remain inside the section boundary.
  - Riding a section in any way that is not consistent with the instructions outlined for that problem.
3. Exiting the section. A rider exits a section when their axle(s) fully cross over the finish line, or are within a defined finish area (such as a taped circle on top of a boulder). There is no requirement to exit in control. If a rider falls across the defined finish line but manages to exit without dabbing, they have cleaned the section.

### 12.6.2 Exceptions and special notes

When hooking a pedal on an obstacle, it is acceptable for a rider's heel and/or toe to initially contact the ground, as long as most of the rider's foot is still on the pedal. However, after a rider is established in position, weighting the heel or toe on the ground constitutes a dab.

It is acceptable for a rider's body to be entirely on one side of the centerline of the cycle.

Riders may attempt any problem multiple times until they succeed or decide to abandon the section. However, it is not possible to earn additional points by cleaning a section more than once, and no points are awarded if the rider does not clean the entire section.

If there is a lineup for a section, the rider must go to the end of the line after each attempt. Near the end of the competition time period, priority must be given to riders attempting a section for the first time.

## 12.7 OBSERVERS

---

Observers are responsible for judging whether a rider has successfully cleaned a section. There are several possible ways for an Event Director to organize Observers at an event:

- One Observer can be assigned to judge at each section. This is the best option but is normally not possible because there are normally more sections than Observers.
- Each Observer can be assigned to judge several sections in the nearby vicinity. In this case, it is the responsibility of the rider to ensure that an Observer is watching when they attempt a section.
- Riders can be split into groups, and one Observer is assigned to each group. This Observer would then follow the group around as they go from section to section.
- At small events, there may not be a need for Observers. Riders waiting to attempt a section may serve as Observers for the rider who is currently attempting the section. This is termed "self-judging", and it is up to the riders to ensure that scores are honestly recorded. This is the most common method for smaller competitions.

## 12.8 KEEPING SCORE

---

### 12.8.1 Method 1

At small, self-judged events, one or two observers keep track of scores for numbered sections on a computer or paper spreadsheet such as this:

		Section															
Rider:	Category	1	2	3	4	5	7	8	9	10	11	12	13	14	15	16	17
Jane Smith:	Expert																
John Anderson	Sport																
etc	Pro																

After cleaning a section, riders must return to the Observer and tell them which section they cleaned.

This method of score keeping makes maximum use of resources, but depends on honesty on the part of the riders and is not efficient if the sections are very spread out. It is not recommended for major competitions.

### 12.8.2 Method 2

Each rider is issued a scorecard (see example) at the beginning of the competition, and must give their card to an Observer prior to attempting a section. If the competition is self-judged, the rider attempting the section gives their card to another rider who must observe them attempt the section. If they clean the section, the observer indicates that they have completed the section by initialing or punching the box corresponding to that section. At the end of the competition, riders hand in their cards to the Event Director or to a designated person for tallying of scores.

#### Example scorecard:

Rider Name:		Category:	
Section Number	Difficulty	Completed	
1			
2			
3			
4			
5			

## 12.9 PARTICIPATION BY THE COURSE SETTER(S)

Due to the grassroots nature of many events, the course setter(s) are allowed to compete. Although the course setter may initially be more familiar with course sections than the other riders, this should not result in an advantage because everyone is allowed multiple attempts to complete sections. However, if the Course Setter(s) chooses to also compete, they must conform to Rider Responsibility No. 6, and refrain from riding on the course prior to the competition, including while they are designing and building the sections.

## 12.10 SAFETY

---

All riders must wear appropriate safety gear, such as helmets, shin and knee protection and gloves or wristguards. Dangerous sections must not be constructed, and in particular, there should be no dangerous objects to land on if a rider falls off a high object. Artificial sections should be constructed so that they do not collapse or fall over under normal riding conditions.

If an Observer or the Event Director feels that safety is compromised by a rider attempting a section that is beyond his/her ability, they may prohibit the rider from attempting that obstacle. In cases where a fall from an obstacle could be particularly dangerous, the Event Director may also permit attempts only by Expert and/or Pro class riders.

## 12.11 RIDER RESPONSIBILITIES

---

- A. The rider must know the rules.
- B. The rider must gauge their time. No allowance will be made for riders who spend too much time at one obstacle and cannot complete the course before the end of the competition time period.
- C. The rider is responsible for knowing where a section starts and ends, and which route he or she is supposed to take.
- D. If two or more sections overlap, it is recommended that only one rider at a time attempt any of the overlapping sections. If two or more riders are on overlapping sections at one time, the rider who started first has the right-of-way.
- E. The rider is responsible for his or her scorecard. If it becomes damaged, the rider can ask the Event Director for a new one. If it becomes lost, the rider will be issued a new card but their score will return to zero.
- F. No rider may attempt any obstacle prior to the start of the competition. Ideally there should always be a separate practice area set up outside the competition area, for warming up prior to competing.
- G. Intentional modification of a section by riders or spectators is prohibited. Note that kicking objects to test stability does not constitute intentional modification if an object moves. If a section is unintentionally modified or broken by a rider, they should inform the Event Director or Course Setter who will return the obstacle to its original form if possible.

## 12.12 PROTESTS AND DISPUTE SETTLEMENT

---

A protest can be lodged by anyone against an Observer's ruling. Protests typically arise when a bystander (another rider, or a spectator) observes a rider make an infraction that is not recorded by the Observer, or when an Observer gives the wrong penalty.

Protests must be lodged with the event director within fifteen minutes of the official results being posted. Protests must be in writing, and must note the rider, and section number and a description of the protest.

For small-scale events, the Event Director can act as the sole jury member. For larger events there should be a Jury consisting of at least three members, and they should be appointed in advance of the event. The Jury should be composed of the Event Director, the head Observer or Event Commissar if applicable, and a riders' representative. If there is no head Observer, the Event Director can appoint any person with experience in trials. Care should be taken to avoid conflict of interest and, in the event that a protest involves someone close to a Jury member, that person should be replaced for evaluation of the protest in question.

The jury will base its ruling on the input from the relevant parties, including the rider, the Observer, and the person who lodged the protest. In the evaluation of protests, the benefit of the doubt must go to the Observer. The Jury is not obliged to overrule the Observer based on testimony from witnesses. Only if all parties present at the incident agree on the facts, and the Observer accepts that he or she made an error in assigning penalties, can an Observer's decision be overturned.

## 12.13 TIE BREAKING

---

A tie occurs when the competition finishes and one or more riders have completed the same number of sections. Ties are resolved using one of the two methods described below.

### **12.13.1 FASTEST TIME METHOD**

At the end of the competition time period, if two or more riders complete the same number of sections, the first rider to complete the sections is the winner. This requires that observers keep track of the time that riders finish sections. It is not necessary to keep track of time for the entire event. Within the last hour of competition, observers should start recording finish times for each competitor. At smaller events where it is easy to determine who are the best riders, only the times for the top riders need be recorded (e.g., the times for the riders who are most likely to tie for the top placements).

It is the responsibility of the rider to make sure that their section finish times are recorded. For example, if a rider quickly finishes all sections except one, and then spends the last hour trying to finish the last section, it is the rider's responsibility to plan ahead and make sure that their completion times were recorded for their last few sections.

### **12.13.2 NEW SECTION METHOD**

If section times were not recorded, the Course Setter should collaborate with the tied riders to create a new, "tiebreaker section" at an appropriate level of difficulty. This section should be relatively long and may consist of several existing sections joined together, or an entirely new section. The section should contain obstacles of increasing difficulty towards the exit location.

Each tied rider attempts this section and the winner is the person who rides the furthest without dabbing. Only one attempt is allowed. The furthest location of a rider is defined by the part of the cycle that is touching the ground (the crank, pedal, or tire), prior to dabbing. There is no requirement for the rider to be in control. For example, if a rider lands a drop onto their tire, but immediately dabs, their furthest point would be the location where their tire last touched prior to dabbing.

If more than one rider cleans the tiebreaker section, another tiebreaker should be conducted with a more difficult section.

## **12.14 CYCLE DESIGN RESTRICTIONS**

---

Any unicycle or bike may be used. There is no restriction on changing cycles during the competition.

## APPENDIX 1. GUIDELINES FOR COURSE SETTERS

### A1.1 Numbering and Describing Sections

Course setters should ensure that they have the following material for flagging and describing sections: flagging tape, duct tape, spray-paint, a staple gun, paper or cardboard, a felt marker, and large size Ziploc bags. Laminated cards with large letters A, B, C, etc. or 1, 2, 3, etc. are also very useful for labeling obstacles for description purposes.

Each section must be clearly numbered and designated with written instructions and/or flagging tape, and have clearly marked start and finish locations. Be especially careful to clearly define the finish so it is clear when a rider has cleaned a section.

Section instructions should include the section number and a description of the section. Assigning difficulty ratings to sections is not required. However, it is recommended that difficulty ratings be assigned to sections and listed on the rider scorecards, because it allows riders to quickly determine which obstacles they wish to attempt. See Appendix 2 for guidelines on assigning difficulty ratings.

Section instructions should include the following information:

- Start: Description of the start location
- Section: Description of the section and section boundaries
- Finish: Description of the finish location

Example Instructions:

#### **Section 23. Difficulty: U3**

**Start:** between the yellow tape, onto Box #1

**Section:** Ride from Box #1, across Beam A, onto Box #2, then to Beam B.

**Finish:** Ride off the end of Beam B to the exit, staying between the 2 lines of flagging tape

To make it easier to describe sections, label major obstacles with numbers and/or letters. These should be clearly visible at a distance. Plastic laminated cards with letters or numbers are good because they can be re-used at other competitions.

One good strategy is to label all boxes with numbers, and all beams with letters. This makes it much easier to include section descriptions such as “ride from Beam A to Box 6, without touching the ground.

Section instructions should not require or prohibit a rider from using certain techniques to complete a section. For example, the instructions must not prohibit the use of pedal grabs or bash guards in order to increase the challenge.

### A1.2 Section Difficulty

The range in difficulty of sections should correspond to the range in ability levels of the participants. The easiest sections should be cleanable by all participants after one or two attempts, and the harder sections should require multiple attempts by the best riders.

It is highly recommended to include one or two sections that are so difficult that they may only be cleaned by one rider, or not at all. This will help prevent ties for first place, and may also help to increase the technical standards of the sport if a rider succeeds in doing something that has never been done before.

### A1.3 Course Planning: Location and Materials

It is most important to make maximum use of available resources. Prior planning and proper site selection are essential. Expect to take at least one day to set a course for a major competition, plus time to assemble the raw building materials.

If possible, select a course location with an abundance of natural obstacles, or features that can be incorporated into human-constructed obstacles. It cannot be overstated that it is much easier to make use of what is already there, rather than constructing new obstacles.

Sections may be set on natural features such as bedrock, boulders, logs, and hill slopes, and/or constructed from stacked pallets, railings, truck tires, junkyard cars, obstacles constructed from lumber, or any other material at hand. Often it is good to combine natural features with human-constructed obstacles.

It is highly recommended to also build a basic practice area to be set up outside of the competition area. This can consist of a small number of random obstacles, and is important for warm-up and to reduce the temptation to ride on the course prior to the event.

Make sure that there is plenty of extra building material (tools, screws, and raw materials) on hand to repair sections damaged during the event.

#### **A1.4 Course Design**

Sections should differ substantially from each other and test a variety of hopping and rolling techniques. Often, it is a good idea to mentally make a list of the different techniques in trials, and design sections that test each of them separately or in combination.

The course layout is controlled mainly by the available resources. If there are abundant natural obstacles, design sections around the most obvious natural features.

For either natural or artificial sections, a good way to maximize resources is to first construct several major structures that can be used as centerpieces, or hubs, and then design sections that center around these hubs. For example, a car, spool, or large boulder could serve as a hub, surrounded by smaller structures that lead onto and over the hub in different ways.

Building centralized hubs rather than independent sections allows for high concentrations of sections on less building material. Unlike conventional bike trials, it is not a problem to design overlapping sections, although sometimes it may cause delays as riders wait for their turn. Usually a combination of hubs and independent sections is best.

It is extremely important to design sections that are durable enough that they do not break or change during the competition time period.

Overall, a course should not favor left or right handed riders, or riders with right- or left-foot-forward hopping stances. For example, the Course Setter should include sections requiring hops to both the right and to the left.

It is best to design sections that provide challenge without undue risk. Typically the best-designed sections include moves that test balance and precision, rather than moves that are difficult only because they are big. For example, rather than constructing a big, basic drop or gap between easy terrain, increase the difficulty of the takeoff or landing areas by making them smaller or off-angle. It is strongly recommended to avoid building any drops to hard, flat ground that are greater than 1.5m height.

There is no requirement that riders exit a section while in full control of their cycle. Consequently, a well-designed section should force riders to be in control in order to finish--it should not be common for riders to fall across the finish line. The easiest way to do this is to include at least 2 metres of easy ground between the last hard obstacle and the finish line.

A photo album of previously constructed sections is located at [www.krishholm.com/sections](http://www.krishholm.com/sections).

#### **A1.5 Time and Space-Saving Strategies**

If building material is extremely limited and there are very few participants, an alternative competitive strategy is to create an elimination round, instead of setting an entire course.

A small number of sections is set (as little as 1 section at a time), and riders attempt all sections. Any rider who cannot clean an obstacle after multiple attempts is eliminated. Then a second set of section(s) is set, and the process repeated until only one rider can clean the section(s). This option works with minimal resources but should be regarded as a last resort.

## APPENDIX 2. GUIDELINES FOR ASSIGNING DIFFICULTY RATINGS TO FREETRIALS SECTIONS

Assigning difficulty ratings to sections is optional. However, it is helpful in that it helps riders quickly evaluate which sections they want to attempt, and it provides a way for riders to measure their skill level.

Two methods for rating section difficulty are described below. The first method is simple and will suffice for most bike and/or unicycle freetrials events. The second method (the U-system) is specific to unicycle trials and is recommended for major unicycle trials events.

The most important responsibility when assigning difficulty ratings is to be consistent. For this reason it is best to assign difficulty ratings after all sections have been built. Course setters should also try not to let their own strengths and limitations at different techniques bias their judgment of score values. This is especially important for rating sections that have similar difficulty levels but which require different skills (e.g., hopping, riding narrow beams, pedal grabs, etc.)

These difficulty ratings do not rate the level of danger. For example, Course Setters should not give a narrow beam a more difficult rating if it is high off the ground.

### A2.1 Simplified Method to Assign Difficulty Ratings

The following table is a semi-relative rating system describing 4 difficulty levels from beginner to expert/pro. It uses the same difficulty symbols as ski areas. When rating difficulty levels of sections, the section setter(s) should finish all the sections and rate them afterwards, so as to get the best sense for relative difficulty levels between sections. All symbols do not necessarily have to be used for every course (i.e. the easiest or hardest sections do not necessarily need to be green circle or double black diamond). For unicyclists, the reference U-rating is given.

#### Simplified Difficulty Ratings

Level	Difficulty	U-levels (unicycle only)
 <b>Green Circle</b>	Beginner	U0-U1
 <b>Blue Square</b>	Intermediate	U2-U3
 <b>Black Diamond</b>	Expert	U4-U6
 <b>Double Black Diamond</b>	Pro	U7-U8

## A2.2 The U-system for rating the difficulty of unicycle trials obstacles and sections

The U-system is an open-ended rating system that describes the difficulty of riding trials obstacles, and is based on the difficulty rating systems used for rock climbing. It can be applied to trials competitions, recreational trials riding, or very short technical sections of trail when mountain unicycling.

The U-system is different than the "Skill Levels" defined for artistic unicycling (see the Skill levels at [www.unicycling.org/iuf/levels/](http://www.unicycling.org/iuf/levels/)) because it does not consider riding techniques. Instead, it rates the difficulty of an obstacle itself, irrespective of the technique used to ride it.

Two tables are provided below. Table 1 gives basic dimensions for obstacles and techniques at each U-level, and the section gives examples of familiar everyday obstacles at each level. By necessity, each obstacle is the simplest possible to describe. Also, even though the U-system rates obstacle difficulty, not the difficulty of moves, example techniques are provided to help give the rider a sense for the difficulty of these moves at different levels. Table 2 is a simple description of example types of challenges at each U-level.

Obstacles in Table 1 are described where:

- All hops and drops are between uniform, flat surfaces. The table measurement is the height.
- All gaps are between elevated, uniform, horizontal surfaces with vertical sides. The table measurement is the width between takeoff and landing surfaces.
- All balance beams are level, straight, and at least 3m long. The measurement is the beam width.
- "+variation" means some addition of non-uniform terrain to increase difficulty. Any non-uniform terrain will typically increase the difficulty.
- N/A means that the technique would not typically be used.
- With experience, a rider will get a "feeling" for the difficulty of other trials problems by comparing them to the reference obstacles in these tables. In this way, an unlimited number of problems can be graded for difficulty.

**Table 1:** Dimensions of obstacles and techniques for different U-levels

Non-metric measurements (inches)

U-Level	Hop (static, seat- in)	Hop (static, seat- out)	Hop (rolling)	Gap (static, seat in)	Gap (static, seat out)	Gap (rolling)	Drop (static, seat in)	Drop (static, seat out)	Drop (rolling, seat in)	Drop (rolling, seat out)	Pedal Grab or Crank Grab	Riding round beam (widths)	Riding square beam (widths)
0	6	n/a	4	8	8	8	12	12	8	8	n/a	n/a	8
1	10	n/a	6	12	12	12	18	18	12	12	n/a	n/a	7
2	14	14	10	16	16	16	24	24	18	18	12	n/a	6
3	18	18	18	26	26	24	36	36	24	24	24	n/a	4
4	n/a	22	22	38	38	38	48	48	36	36	30	8	2
5	n/a	26	26	50	50	50	60	60	48	48	36	6	<2 + variation
6	n/a	30	30	62	62	64	72	72	60	60	>36+ variation	3	<2 + variation
7	n/a	33	33	n/a	64	78	>72+ variation	84	72	72	>36+ variation	2	<2 + variation
8	n/a	36	36	n/a	78	84	>72+ variation	96	>72 + variation	>72 + variation	>36+ variation	<2 + variation	<2 + variation

## Metric measurements (cm)

U-Level	Hop (static, seat- in)	Hop (static, seat- out)	Hop (rolling)	Gap (static, seat in)	Gap (static, seat out)	Gap (rolling)	Drop (static, seat in)	Drop (static, seat out)	Drop (rolling, seat in)	Drop (rolling, seat out)	Pedal Grab or Crank Grab	Riding round beam widths)	Riding square beam widths)
0	15	n/a	10	20	20	20	30	30	20	20	n/a	n/a	20
1	25	n/a	15	30	30	30	45	45	30	30	n/a	n/a	17.5
2	35	35	25	40	40	40	60	60	45	45	30	n/a	15
3	45	45	45	65	65	60	90	90	60	60	60	n/a	10
4	n/a	55	55	95	95	95	120	120	90	90	75	20	5
5	n/a	65	65	125	125	125	150	150	120	120	90	15	<5 + variation
6	n/a	75	75	155	155	160	180	180	150	150	>90+ variation	7.5	<5 + variation
7	n/a	82.5	82.5	n/a	160	195	>180+ variation	210	180	180	>90+ variation	5	<5 + variation
8	n/a	90	90	n/a	195	210	>180+ variation	240	>180 + var.iation	>180 + variation	>90+ variation	<5 + variation	<5 + variation

**Table 2:** This is a qualitative table that describes simple examples of typical challenges at each U-Rating. The examples are mostly urban terrain because it is too complicated to describe natural obstacles.

U-Rating	Example obstacles for each difficulty rating.
U0	1. Moderately easy terrain encountered during cross-country mountain unicycling that is possible to ride purely by rolling.
U1	2. Hopping up or down a set of basic urban stairs 3. Riding along the edge of concrete street curbs bordered by grass.
U2	4. Dropping from a bench seat to flat ground, hopping through a rooty section of gentle trail, riding along flat-topped parking lot dividers 5. Riding along a level 4x4 beam
U3	6. Hopping over a picnic table via the seats 7. Hopping from the front hood of a junk car onto the roof 8. Riding along the wide edge of a level 2 m long 2x4 beam 9. Riding along a railroad track
U4	10. Going directly to the top of a picnic table from the ground. 11. Riding along a 4 cm wide beam
U5	12. Riding over a junk car, from the ground to the front hood, roof, back hood, and back to the ground. 13. Pedal grabbing up the side of a 90 cm diameter round log.
U6	14. Pedal grabs up to a good square ledge part way up the side of a boulder, going to rubber, and then hopping directly to the top of the boulder. 15. Sidehop to rubber on the back railing of a park bench-style chair, then ride. 16. Gapping horizontally across to a round railing, then to a second one about 1m away, and then to the ground. 17. Pedal grabbing a fence, and then over the fence to the ground on the other side. 18. Doing a 180° turn on a railroad track.
U7	19. Pedal grab, and then go to rubber and ride 5 m on a 3 cm wide square railing. 20. Mount and then ride along a 3 cm round horizontal railing for 5 m 21. 60 cm sidehop to rubber on a 3 cm wide square railing, then ride 5 m 22. Multiple gaps perpendicular to four 3 cm wide railings spaced 1m apart. 23. Riding along one 3 cm round railing, then gapping to another that is less than 50 cm away.
U8	24. 70 cm hop to rubber, then ride along a 3 cm wide round railing 25. Riding uphill or around curves on 3 cm wide round railings 26. Multiple hops across 3 or more well-spaced round railings. 27. Pedal grab a 3cm wide round railing, then go to rubber and ride. 28. 90 cm high pedal grab, then to rubber, on a 10 cm diameter vertical pole. 29. Ride along a railroad track, gap to the other track, and keep riding
U9	Harder than U8. The future.

## 13 IUF Achievement Skill Levels

These achievement skill levels have been compiled from years of research and surveys among unicyclist from all over the world. They are intended to encourage unicyclists to progress at an even pace over a wide variety of unicycling skills. These levels are not connected to the competition rules, other than in descriptions of how the skills are to be performed. Skill levels are useful for helping riders determine a sequence of skills to learn, and to give them ideas for things to try.

**ELIGIBILITY:** In order to be eligible to achieve a level a rider must have passed all previous levels.

**RIDERS MUST GET INTO AND OUT OF ALL SKILLS:** All riding skills start with the rider riding forward, seated with both feet on the pedals except for side ride (level 10). All skills end with rider riding forward at least 3 full revolutions of the wheel, seated with both feet on the pedals.

**MAXIMUM THREE MISTAKES PER LEVEL:** In order to pass an exam a rider must perform all skills in that level at the first attempt, except for a maximum of three skills that must be performed at the second attempt. This allows for three mistakes per level, but no more than one mistake per skill.

**EXPLANATIONS OF SKILLS:** The correct execution of the skills is described in STANDARD SKILL DESCRIPTIONS, section 7.2 in the IUF REGULATIONS FOR INTERNATIONAL COMPETITION.

**VARIETY OF MOUNTS:** At each level starting from level 3, riders must add one new mount to those they have previously demonstrated. Repeating the same mount with the opposite foot does not constitute a different type of mount. A listing of some of the known mounts can be found in the STANDARD SKILL DESCRIPTIONS (see above).

**RECOGNITION OF LEVEL ACHIEVEMENT:** To formally achieve a skill level a rider must pass a skill level exam with an authorized examiner. Examiners are authorized by the IUF, the USA or other connected unicycling organizations. If no authorized examiner is available, riders can send a video tape, with no edits per level, to an authorized examiner in their country, or to the IUF Skill Levels and Rules Committee. Videos must clearly show all the necessary details of each skill.

### LEVEL 1

mount unicycle unassisted  
ride 50 meters  
dismount gracefully with unicycle in front

### LEVEL 2

mount with left foot  
mount with right foot  
ride 10 meters between two parallel lines 30 cm apart  
ride a figure eight with circle diameters smaller than 3 meters  
ride down a 15 cm vertical drop  
make a 90 degree turn to the left inside a 1 meter circle  
make a 90 degree turn to the right inside a 1 meter circle

### LEVEL 3

demonstrate 3 types of mounts  
ride a figure eight with circle diameters smaller than 1.5 meters  
come to a stop, pedal half a revolution backward and continue forward  
ride with the stomach on the seat for 10 meters  
make a 180 degree turn to the left within a 1 meter circle

make a 180 degree turn to the right within a 1 meter circle  
hop 5 times  
ride or hop over a 10 x 10 cm. obstacle

### LEVEL 4

demonstrate 4 types of mounts  
ride backward for 10 meters  
ride one footed for 10 meters  
idle with left foot down 25 times  
idle with right foot down 25 times  
ride with seat out in front for 10 meters  
ride with the seat out in back for 10 meters  
make a 360 degree turn to the left inside a 1 meter circle  
make a 360 degree turn to the right inside a 1 meter circle

### LEVEL 5

demonstrate 5 types of mounts ride backward in a circle  
ride one footed in a figure eight  
idle one footed with the left foot 25 times  
idle one footed with the right foot 25 times  
ride with seat out in front in a circle

ride with the seat out in back in a circle  
 ride with the seat on the side in a circle  
 hop-twist 90 degrees to the left  
 hop-twist 90 degrees to the right  
 walk the wheel for 10 meters

### LEVEL 6

demonstrate 6 types of mounts  
 ride backward in a figure eight  
 ride with the seat out in front in a figure eight  
 ride with the seat out in back in a figure eight  
 ride backward with the seat out in front for 10 meters  
 hop standing on wheel 5 times  
 ride with the seat on the side in a circle to the left  
 ride with the seat on the side in a circle to the right  
 ride one footed with the left foot for 10 meters  
 ride one footed with the right foot for 10 meters  
 backspin  
 frontspin  
 spin

### LEVEL 7

demonstrate 7 types of mounts  
 ride backward with the seat out in front in a circle  
 ride one footed with the left foot in a circle  
 ride one footed with the right foot in a circle  
 walk the wheel in a circle  
 walk the wheel one footed for 10 meters  
 hop-twist 180 degrees to the left  
 hop-twist 180 degrees to the right  
 ride backward with the seat out in back for 10 meters  
 spin to the left  
 spin to the right

### LEVEL 8

demonstrate 8 types of mounts  
 ride one footed with the left foot in a figure eight  
 ride one footed with the right foot in a figure eight  
 walk the wheel in a figure eight

walk the wheel one footed in a circle  
 ride backward one footed for 10 meters  
 glide for 10 meters  
 hand wheel walk for 10 meters  
 pirouette  
 backward spin

### LEVEL 9

demonstrate 9 types of mounts  
 walk the wheel one footed in a figure eight  
 ride backward one footed in a circle  
 ride backward with the seat out in front in a figure eight  
 ride backward with the seat out in back in a circle  
 walk the wheel one footed with the left foot for 10 meters  
 walk the wheel one footed with the right foot for 10 meters  
 walk the wheel backward for 10 meters  
 drag seat in front for 10 meters  
 drag seat in back for 10 meters  
 ride backward one footed with the left foot for 10 meters  
 ride backward one footed with the right foot for 10 meters  
 one footed with the seat out in front for 10 meters  
 backward pirouette

### LEVEL 10

demonstrate 10 types of mounts  
 ride backward with the seat out in back in a figure eight  
 ride backward one footed in a figure eight  
 walk the wheel one footed with the left foot in a circle  
 walk the wheel one footed with the right foot in a circle  
 walk the wheel backward in a circle  
 180° uni spin  
 sideways wheel walk for 10 meters  
 coast for 10 meters  
 side ride for 10 meters  
 walk the wheel one footed backward for 10 meters