

Professional Ski Instructors of America
American Association of Snowboard Instructors



Freestyle Specialist Standards

2013

National Standards: FS 1, FS 2, and FS 3

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1. Introduction and Program Description

The following are the PSIA-AASI Freestyle Specialist Standards. Referenced to the Park and Pipe Instructor's Guide, Children's Instruction Manual, 2nd Edition, the Alpine, Snowboard, Nordic and Core Concepts Manuals, terminology is consistent with these manuals and is used throughout this document. These standards provide a training focus and represent a minimum competency for specialists at each level of instruction.

The standards are based upon the concepts of the "levels of understanding" that define the stages of learning in terms of degree of comprehension. Just as certification is a measure of understanding, levels of certification represent stages of understanding.

Although not a certification, participants are expected to meet levels of competency defined by Freestyle Specialist 1 (FS 1), Freestyle Specialist 2 (FS 2), and Freestyle Specialist 3 (FS 3) standards. Additionally, participants are held to the knowledge and performance standards of their discipline certification level.

The following list of terms related to participant cognition is drawn from Bloom's Taxonomy (2001), and each of the **terms/qualities/etc.** should be included in the evaluation of each student.

Qualities of Participant Cognition for Freestyle Specialists:

Remember (Knowledge Level)

Recall or recognize terms, definitions, facts, ideas, materials, patterns, sequences, methods, principles, etc.

Understand (Comprehension Level)

Read and understand descriptions, communications, reports, tables, diagrams, directions, regulations, etc.

Apply (Application Level)

Know when and how to use ideas, procedures, methods, formulas, principles, theories, etc.

Analyze (Analysis Level)

Break down information into its constituent parts and recognize their relationship to one another and how they are organized; identify sublevel factors or salient data from a complex scenario.

Evaluate (Evaluation Level)

Make judgments about the value of proposed ideas, solutions, etc., by comparing the proposal to specific criteria or standards.

Create (Synthesis Level)

Put parts or elements together in such a way as to reveal a pattern or structure not clearly there before; identify which data or information from a complex set is appropriate to examine further or from which supported conclusions can be drawn.

2. Course Descriptions

The Freestyle Specialist 1, Freestyle Specialist 2, and Freestyle Specialist 3 credentials follow the standards for an assessment-based certificate program.

An assessment-based certificate program is a non-degree granting program that:

- a) Provides instruction and training to aid participants in acquiring specific knowledge, skills, and/or competencies associated with intended learning outcomes;
- b) Evaluates participants' accomplishment of the intended learning outcomes; and
- c) Awards a certificate only to those participants who meet the performance, proficiency, or passing standard for the assessment(s) (hence the term, "assessment-based certificate program").

ANSI/NOCA 1100- Standard for Assessment Based-Certificate Programs, 2009

FS 1:

Freestyle Specialist 1 is the entry-level freestyle education course for PSIA and AASI, and it includes an evaluation component. The course includes a written workbook; skiing/riding and teaching scenarios; and a technical discussion regarding how individuals learn and progress through beginner/novice zones.

The FS 1 course is for instructors beginning their professional development of freestyle coaching/instruction.

Evaluation Criteria:

- Must complete the FS 1 Workbook with a score of 80 percent or higher.
- Must be an active participant in the course.
- A passing score from divisional freestyle education staff based on the participant's demonstrated knowledge, understanding, teaching, movement analysis, and on-snow movement as described in the standards below.

Evaluations of those taking the FS 1 course reflect the participants' knowledge of safety in the freestyle environment, teaching freestyle, and possess the requisite skills necessary to demonstrate freestyle maneuvers to their guests. Successful completion of the course grants professional recognition to the coach/instructor for their education, experience, and expertise in freestyle. Depending on the division, this may be a multi-disciplinary course.

Instructors are encouraged to take the FS 1 course once they've achieved Level I PSIA-AASI certification.

Participants' achievement will be relayed via verbal feedback from the clinician throughout the course and written feedback at its end.

FS 2:

Freestyle Specialist 2 is the mid-level freestyle education course for PSIA and AASI, and includes an evaluation component. The course includes a written workbook; skiing/riding and teaching scenarios; and a technical discussion regarding how individuals learn and progress to intermediate zones. Participants will

integrate their technical understanding of the ATML model and Smart Style with movement analysis and teaching activities for freestyle in the intermediate zones.

The FS 2 course is for instructors continuing their professional development of freestyle coaching/instruction.

Evaluations of those taking the FS 2 course reflects the participants' knowledge of safety in the freestyle environment, knowledge of teaching freestyle, and possess the requisite skills necessary to demonstrate freestyle maneuvers to their guests. Successful completion of the course grants professional recognition to the coach/instructor for their education, experience, and expertise in freestyle. Depending on the division, this may be a multi-disciplinary course.

Evaluation Criteria:

- Must complete the FS 2 Workbook with a score of 80 percent or higher.
- Must be an active participant in course.
- A passing score from divisional freestyle education staff based on the participant's demonstrated knowledge, understanding, teaching, movement analysis, and on-snow movement as described in the standards below.

Participants' achievement will be relayed via verbal feedback from the clinician throughout the course and written feedback at its end.

FS 3:

Freestyle Specialist 3 is the expert-level freestyle education course for PSIA and AASI, and it includes an evaluation component. The course includes a written workbook; skiing/riding and teaching scenarios; and a technical discussion regarding how individuals learn and progress to advanced freestyle zones. Participants will integrate all knowledge, experience and skill for any and all applications of freestyle.

The FS 3 course is for instructors near the highest levels of professional development in freestyle coaching/instruction.

Evaluations of those taking the FS 3 course reflect the participants' knowledge of safety in the freestyle environment, teaching freestyle, and possess the requisite skills necessary to demonstrate freestyle maneuvers to their guests. Successful completion of the course grants professional recognition to the coach/instructor for their education, experience, and expertise in freestyle. Depending on the division, this may be a multi-disciplinary course.

Evaluation Criteria:

- Must complete the FS 3 Workbook with a score of 80 percent or higher.
- Must be an active participant in course.
- A passing score from divisional freestyle education staff based on the participant's demonstrated knowledge, understanding, teaching, movement analysis, and on-snow movement as described in the standards below.

Participants' achievement will be relayed via verbal feedback from the clinician throughout the course and written feedback at its end.

PSIA-AASI recognizes three levels of Freestyle specialty: Freestyle Specialist 1, Freestyle Specialist 2 and Freestyle Specialist 3. Success is based on the individual's attainment and application of discipline specific skill ability, educational expertise and experience related to teaching freestyle to the general public

3. Experience Requirements (Page 8)

Specialist Level	Experience Requirements
FS 1	<p>The successful FS 1 participant will demonstrate the knowledge and comprehension of the technical terms, concepts, and models listed below. The successful participant will also demonstrate the ability to work with guests who are learning and moving in the beginner/novice zones. Prerequisites are as follows:</p> <ul style="list-style-type: none"> • Must be a current PSIA-AASI (or equivalent) Certified Level 1 • Must be able to ski or ride at current certification level • Must complete the FS 1 Workbook <p>Suggested Reading:</p> <ul style="list-style-type: none"> • PSIA-AASI Park and Pipe Instructor’s Guide • Review PSIA-AASI Core Concepts Manual • PSIA-AASI Children’s Manual, 2nd Edition • PSIA-AASI discipline specific manual (Alpine, Nordic, Adaptive, Snowboard)
Specialist Level	Experience Requirements
FS 2	<p>The successful FS 2 participant will demonstrate the application and analysis and the ability to synthesize and evaluate the technical terms, concepts, and models listed below. The successful participant will also demonstrate the ability to work with students who are learning and moving in the Intermediate Zones. Prerequisites are as follows:</p> <ul style="list-style-type: none"> • Must be a current PSIA-AASI (or equivalent) Certified Level 1 • Must be able to ski or ride at current certification level • Must complete the FS 2 Workbook <p>Suggested Reading:</p> <ul style="list-style-type: none"> • PSIA- AASI Park and Pipe Instructor’s Guide • PSIA-AASI Children’s Manual, 2nd Edition • Review PSIA-AASI Core Concepts • PSIA-AASI Alpine, Nordic, and Snowboard discipline manuals
Specialist Level	Experience Requirements
FS 3	<p>The successful FS 3 participant will demonstrate the evaluation and synthesis of the technical terms, concepts, and models listed below. The successful participant will also demonstrate the ability to work with guests who are learning and moving in all applications of Freestyle. Prerequisites are as follows:</p> <ul style="list-style-type: none"> • Must be a current PSIA-AASI (or equivalent) Certified Level 1 and attained FS 2 • Must be able to ski or ride at current certification level • Must complete the FS 3 Workbook <p>Suggested Reading:</p> <ul style="list-style-type: none"> • PSIA- AASI Park and Pipe Instructor’s Guide • PSIA-AASI Children’s Manual, 2nd Edition • Review PSIA-AASI Core Concepts • PSIA-AASI Alpine, Nordic, and Snowboard discipline manuals

4. Movement Analysis and Technical Knowledge Standards

Specialist Level	Movement Analysis and Technical Knowledge
<p>FS 1</p>	<p>The successful FS 1 participant will demonstrate the knowledge and comprehension of the technical terms, concepts, and models listed below. The successful participant will demonstrate the ability to recognize freestyle movement patterns in students who are learning and moving in beginner/novice zones. The successful FS 1 participant will be expected to do the following:</p> <ul style="list-style-type: none"> • Discuss application of the ATML model • Identify and discuss freestyle movements through the beginner/novice zone including: cause and effect relationships, speed-pop-spin, and sensory contribution. • Meet the needs of students by using the PSIA-AASI teaching cycle during their lessons • Discuss safety and risk management strategies for teaching freestyle including Smart Style, appropriate terrain, and issues relating to whether and snow conditions • Describe how to create a good parent-instructor partnership • Create teaching and learning situations using visual, auditory and kinesthetic cues for all ages in the beginner/novice zone • Discuss terrain park design and safe use of terrain through small freestyle zones
Specialist Level	Movement Analysis and Technical Knowledge
<p>FS 2</p>	<p>The successful FS 2 participant will demonstrate the application and analysis of the technical terms, concepts, and models listed below. The successful participant will demonstrate the ability to recognize movement patterns in students who are learning and moving in intermediate zones. The successful FS 2 participant will be expected to do the following:</p> <ul style="list-style-type: none"> • Discuss the application of the CAP Model across the age range of freestyle students, up to and including intermediate zone students • Identify and discuss freestyle movements through the intermediate zones including: cause and effect relationships, single spins in the air, various stances for sliding features, gaining amplitude on transitional features... • Demonstrate the application of the PSIA-AASI teaching model across a broad variety of student ages, up to and including intermediate zone students • Demonstrate effective problem-solving techniques related to managing student motivations, desires and freestyle performance • Discuss strategies for working with parents • Discuss safety and risk management strategies for teaching freestyle including Smart Style, and appropriate terrain, and issues relating to whether and snow conditions • Perform accurate Movement Analysis through intermediate zones. Identify movements then create and adapt the lesson plan based on the identified movements • Discuss terrain park design and safe use of terrain through medium freestyle zones

Specialist Level	Movement Analysis and Technical Knowledge
FS 3	<p>The successful FS 3 participant will demonstrate the ability to evaluate and synthesize the technical terms, concepts, and models listed below. The successful participant will demonstrate the ability to recognize movement patterns in students who are learning and moving through advanced zones. The successful FS 3 participant will be expected to do the following:</p> <ul style="list-style-type: none"> • Discuss the application of the CAP Model across the age range of freestyle students, up to and including advanced zone students • Identify and discuss freestyle movements through advanced zones including: cause and effect relationships, off-axis, multiple rotations, and various alignment options on advanced slide features • Demonstrate the application of the PSIA-AASI teaching model across a broad variety of student ages, up to and including advanced zone students • Demonstrate effective problem-solving techniques related to managing student motivations, desires and freestyle performance • Discuss strategies for working with parents • Discuss safety and risk management strategies for teaching freestyle including Smart Style, and appropriate terrain, and issues relating to whether and snow conditions • Perform accurate Movement Analysis through advanced zones. Identify movements then create and adapt the lesson plan based on the identified movements • Apply accurate Movement Analysis to affect change across disciplines • Discuss terrain park design and safe use of terrain through large freestyle zones

5. Teaching Standards

Specialist Level	Teaching Standards
<p>FS 1</p>	<p>The successful FS 1 participant will demonstrate the ability to present a freestyle-focused teaching segment in a safe, effective manner choosing appropriate games, exercises and tasks while demonstrating the knowledge and comprehension of the technical terms, concepts, and models listed below:</p> <ul style="list-style-type: none"> • The Learning Partnership: Student Profile and Instructor Behavior <ul style="list-style-type: none"> • Teaching concepts <ul style="list-style-type: none"> • The Teaching Cycle: PDAS • Class Handling • CAP Model <ul style="list-style-type: none"> • Maslow’s Hierarchy of Needs • Learning Styles • Movement Analysis <ul style="list-style-type: none"> • Freestyle movement patterns • Cause-and-effect relationships • Progression building • Basic Equipment Issues • Basic Safety and Risk Management including navigating groups within the terrain park • Session vs. Flow environment • A.T.M.L.™ Model • Smart Style • Challenges <ul style="list-style-type: none"> • The role of the parent when teaching children • Anxiety, Fear <p>Options and additions to lesson presentations include: Participation in group discussions Peer teaching in small groups Participation in discussions regarding understanding the methodology of the teaching cycle and the application to freestyle teaching.</p> <p>The successful participant will demonstrate the ability to teach students of varying age in beginner/novice ability levels including: green and groomed blue terrain, small freestyle terrain features and natural terrain.</p>

Specialist Level	Teaching Standards
<p>FS 2</p>	<p>The successful FS 2 participant will demonstrate the ability to choose appropriate exercises, games and tasks and teach a safe, effective freestyle skill progression that demonstrate the application and analysis of the technical terms, concepts, and models listed.</p> <ul style="list-style-type: none"> • The Learning Partnership: Student Profile and Instructor Behavior <ul style="list-style-type: none"> • Teaching concepts <ul style="list-style-type: none"> • The Teaching Cycle: PDAS • Class Handling • CAP Model <ul style="list-style-type: none"> • Maslow’s Hierarchy of Needs • Piaget’s Stages of Development • Learning Styles • Gardner’s Multiple Intelligence’s • Motor Control, Coordination, and Sensory Development • Movement Analysis <ul style="list-style-type: none"> • Freestyle movement patterns • Cause-and-effect relationships • Biomechanics related to physical development and task • Progression Building • Equipment Requirements and Issues • Safety and Risk Management including navigating groups within the terrain park • Session vs. Flow environment • A.T.M.L.™ Model • Smart Style • Challenges <ul style="list-style-type: none"> • The role of the parent when teaching children • Anxiety, Fear <p>Options and additions to lesson presentations include: Participation in group discussions Peer teaching in small groups Participation in discussions regarding understanding the methodology of the teaching cycle and the application to freestyle teaching.</p> <p>The successful participant will demonstrate the ability to teach to a spectrum of individuals through intermediate ability levels including: terrain up to groomed black terrain, small and medium freestyle terrain features and natural terrain.</p>

Specialist Level	Teaching Standards
<p>FS 3</p>	<p>The successful FS 3 participant will demonstrate the ability to choose appropriate exercises, games and tasks and teach a safe, effective freestyle skill progression that demonstrate the ability to synthesize and evaluate the technical terms, concepts, and models listed.</p> <ul style="list-style-type: none"> • The Learning Partnership: Student Profile and Instructor Behavior <ul style="list-style-type: none"> • Teaching concepts <ul style="list-style-type: none"> • The Teaching Cycle: PDAS • Class Handling • CAP Model <ul style="list-style-type: none"> • Maslow’s Hierarchy of Needs • Piaget’s Stages of Development • Learning Styles • Gardner’s Multiple Intelligence’s • Motor Control, Coordination, and Sensory Development • Movement Analysis <ul style="list-style-type: none"> • Freestyle movement patterns • Cause-and-effect relationships • Biomechanics related to physical development and task • Progression Building • Equipment Requirements and Issues • Safety and Risk Management including navigating groups within the terrain park • Session vs. Flow environment • A.T.M.L.TM Model • Smart Style • Challenges <ul style="list-style-type: none"> • The role of the parent when teaching children • Anxiety, Fear <p>Options and additions to lesson presentations include: Participation in group discussions Peer teaching in small groups Participation in discussions regarding understanding the methodology of the teaching cycle and the application to freestyle teaching.</p> <p>The successful participant will demonstrate the ability to teach to a spectrum of individuals from beginner/novice through advanced ability levels including terrain through large freestyle zones and natural terrain.</p>

6. Movement Standards

Movements and coordination is based on the definitions of "initial," "elementary," and "mature" stages as defined in Core Concepts (PSIA-AASI, 2001), pg. 20.

The “initial” movement stage is when a skier/rider is unfamiliar with a movement and relies on sensory input and coaching to learn the movement. Often the movements are very sequential and performed individually. The skier/rider in this stage may show signs of a movement pattern periodically but not consistently.

The “elementary” stage denotes skiers/riders who can perform movements without looking at that body part but still need to think it through and concentrate on the parts. While movements are still sequential, the skier/rider will link them together in a more fluid manner. The skier/rider in the elementary stage will be able to consistently demonstrate a movement pattern but may not be able to apply it in all situations.

The “mature” stage is characterized by fluid and automatic movements without showing obvious, conscious thought. Movements can be repeated and applied across a wide spectrum of situations. A skier/rider with mature movements and coordination of movements will be able to smoothly blend movements for a specific outcome and be able to readily change or adapt movements to different terrain situations and snow conditions.

All humans physically develop in a predictable manner that often leads to movement patterns that a FS 1, FS 2, and FS 3 participant is required to understand. Participants must also articulate the theory behind such development and be able demonstrate the real movement patterns as well as the efficient movement patterns desired.

Movement Patterns will be evaluated within terrain parks as well as on natural terrain. “Features used will vary by level and by size including small, medium, and large features. These designations may also apply to individual parks located throughout a mountain resort. Please note that feature size designation is relative to each resort and that resort’s particular terrain park designations. A “small” feature in California, for example, may be a “medium” or “large” designation elsewhere. Ed staff will choose appropriate features for movement demonstrations.”

FS 1: Skiing/Riding

Participants will be evaluated on the following movements and coordination stages:

- Ability to safely demonstrate freestyle movement patterns based on evaluation of movement patterns observed in the small freestyle zones and natural terrain
- Ski and Ride comfortably in all green terrain and blue terrain up to and including off-piste blue terrain with small bumps

At a minimum, the successful Freestyle Specialist 1 Rider will be able to perform at an Elementary stage of coordination:

- Switch, basic skidded medium-radius turns on green terrain.
- Straight airs over small natural or man-made features
- Spin 180's both clockwise and counterclockwise off small jump features
- Perform ollies, and both clockwise and counterclockwise on snow spins and butters
- Ride onto and off a sliding feature with a rotational or pressure move
- At the top of the transition zone in a halfpipe or alternative transitional feature, demonstrate the ability to utilize appropriate flexion/extension movements for a halfpipe air trajectory and make an edge change near the turn apex
- Alley-oop in a halfpipe or alternative transition feature

FS 2: Skiing/Riding

Participants will be evaluated on the following movements and coordination stages:

- Ability to safely demonstrate freestyle movement patterns based on evaluation of movement patterns observed in small through medium freestyle zones and natural terrain
- Ski/Ride comfortably in all green terrain, blue terrain including off-piste and medium bumps, and groomed and smooth off-piste black terrain

At a minimum, the successful Freestyle Specialist 2 Rider will be able to perform at an Elementary stage of coordination:

- Switch, carved long-radius turns on green trails
- Straight airs with a variety of grabs and/or shifty/old school trick over medium, man-made features
- Spin a variety of 180's and 360's on medium jump features (ex: switch, clockwise, counterclockwise...)
- Flatland moves in multiple applications (ex: sustained butters, pressure moves, various pop moves...)
- Slide a variety of features (ex: down angle, street approach, and gap entry...)
- Demonstrate variations of rotational, and pressure moves on slide features
- Demonstrate air at or above the lip, on both right and left walls with appropriate edge change and speed maintenance moves in a halfpipe
- Demonstrate a variety of moves in a half pipe above the lip (ex: basic spins, switch moves, various grabs...)

FS 3: Skiing/Riding

Participants will be evaluated on the following movements and coordination stages:

- Ability to safely demonstrate freestyle movement patterns based on evaluation of movement patterns observed in small through large freestyle zones and natural terrain
- Ski/Ride comfortably in all terrain on and off-piste

<p>At a minimum, the successful Freestyle Specialist 3 Rider will be able to perform at a Mature stage or coordination:</p>	<ul style="list-style-type: none">• Multiple variations of entry, slide, and exit on slide features (ex: spin-on, spin-off, lip slide, frontside, pressure moves...)• Slides on various large features (ex: multi-pitch, "C", "S", large gap-on...)• Demonstrate a variety of 540+ spins on large air features (ex: 540, 720, switch, clockwise, counterclockwise)• Demonstrate an off-axis of spin on large air features• Multiple variations of maneuvers in a half pipe above the lip (ex: switch, 540, clockwise, counterclockwise, grabs...)• Consistent amplitude through the halfpipe well above the lip
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