

COACH LEVEL CURRICULUM

Welcome to the FINA Coaches Certification Programme - Coach Curriculum

About FINA

The Fédération Internationale de Natation, FINA (founded in 1908) is the governing body for aquatics worldwide. Its five disciplines - Swimming, Open Water Swimming, Diving, Water Polo and Artistic Swimming - are all included in the Olympic programme. High Diving is on the World Championships programme since 2013. FINA organises World Championships, World Swimming Championships in 25m-pool and World Masters Championships every two years. FINA counts 209 affiliated National Federations on the five continents and has its headquarters in Lausanne (SUI).

This Certificate has been developed through collaboration and partnership with Institute of Swimming, to ensure it is fit for purpose for Swimming Coaches and the swimming industry. The certificate will be reviewed on a regular and systematic basis, with updates being made if the needs of swimming and the role of a Swimming Coach changes.

We hope you enjoy the experience

Fédération Internationale de Natation

Contents

Page number

2	Welcome
3	Contents
4	About the FINA Swimming Coach Certificate specification
5	Outline of the Certificate, entry requirements and safeguarding
6	Learning Programme and Delivery
7	Assessment
8 - 9	Certification Equivalance, quality assurance and resource requirements.
10	Workforce, conflict of interest and dealing with malpractice
11	Progression opportunities
12	FINA Swimming Coach Certificate structure
13 - 21	Swimming Coach Certificate Curriculum

About the Certificate

Title: FINA Swimming Coach Certificate

Certification validity: 48 months

Certificate time: 30 hours

Online Learning: 12-15 hours

• Face to Face Course: 18 hours over 2.5 days

Operational start date: 1st May 2018

Copyright

All rights reserved. (c)2018. These materials have been produced under licence from the Institute of Swimming Limited.

No part of this work may be reproduced or copied in any form by any means without permission of the Institute of Swimming and FINA. All rights are reserved

Publication

Every effort has been made to ensure that the information contained in this publication is true and correct at the time of going to press. However, FINA products and services are subject to continuous development and improvement and the right is reserved to change these products and services from time to time. FINA or its partners cannot accept liability for the loss or damage arising from the use of information in this publication.

FINA - Fédération Internationale de Natation

FINA Office

Ch. de Bellevue 24a/b

1005 Lausanne

Switzerland +41 21 310 47 10

Email: coaches.certification@fina.org

Website: learning.fina.org

Outline of the Certificate

The FINA Swimming Coach Certificate is a practical certificate, which develops the knowledge, skills and abilities needed to be a Swimming Coach. The delivery of the certificate is flexible with the National Federation able to choose the timing. The certificate will always be based on a first phase on-line, and a second phase face to face course. The assessment of the certificate is prescribed.

All aspects of the certificate are compulsory. The certificate must be delivered and assessed in English. This certificate is made up of a series of learning outcomes and assessment criteria. Assessment is through the completion of a series of tasks set by FINA. The accuracy of the assessment is verified using FINA quality assurance procedures.

Learner entry requirements

There are no formal entry requirements for this qualification and learners are not required to have any prior experience of coaching. Learners must be at least 18 years of age at the point of registration of this certificate.

Learning Programme and Delivery

The FINA Swimming Coach Certificate is delivered and assessed in approximately 30 hours. If a learner has significant experience in relevant aspects of the certificate then these hours may be less and again there may be learners who require more time. This should be determined by the National Federation prior to the start of the course.

The National Federations are responsible for the recruitment of learners and they must ensure that appropriate information and advice about the certificate is offered, so that the learner has realistic expectations and is likely to achieve. It is recommended that learners complete an initial assessment prior to starting their learning programme. This ensures that any prior learning can be recognised, any support needs identified and that the aspirations of the learner are understood. Some learners may already have the knowledge, skills and abilities to achieve the qualification from their previous experiences. The extent of their knowledge, skills and abilities should be ascertained by the training organisation during enrolment.

Learners should also receive an induction to identify expectations as well as ensure understanding of any safeguarding and health and safety requirements. The learning programme and delivery should ensure learners have the opportunity to practice their delivery skills and put the learning from the programme into practice.

The Certificate is designed to prepare the learner for coaching duties in a swimming environment. Special attention should be paid to skills such as professional behaviour, appearance and language and tutors should encourage high standards and expectations at all times.

Assessment

The purpose of assessment is to ensure that effective learning has taken place to give learners the opportunity to achieve the stated assessment criteria.

To achieve this certificate:

- All learning outcomes must be covered
- All assessment criteria must be achieved
- All evidence produced by the learner must be their own, and in English.

Ensuring the authenticity of learner evidence is vital. All work completed for assessment must be the learner's own original work. Learners must sign to declare that the work they have produced for assessment is their own. Assessors should not assess work where learners have not declared authenticity. Assessors should check that the learner work is authentic. FINA produce resources to assess the certificate. It is compulsory to use these resources, which are issued by FINA via the National Federation.

Assessment is made up of a series of component parts:

- 1. Theoretical questions. Please note these questions will change during the life of the Certificate
- 2. Observation record
- 3. Review record

These documents can only be accessed via the National Federation. This will ensure accuracy of the materials and maintenance of standards over time. This certificate is not graded. Learners will either meet the requirements (and pass) or will not meet the requirements and be referred. Where learners do not meet the requirements, they should be supported in developing an individual action plan. In this situation, further assessment opportunities will be provided to allow them to successfully meet the requirements within the registration period.

Certification equivalence

This document sets the standards of equivalence for all the FINA National Member Federations that deem to accredit their Coaches Certification course. Those Federations interested will have to submit the Curriculum of Competencies to FINA accordingly.

Quality Assurance

FINA implements a series of quality assurance procedures through its partners to ensure that FINA certificates are reliable, valid and fit for purpose.

All FINA Coaching Certificates are reviewed annually and any modifications will be communicated through appropriate communication to the National Federations.

Resources

The National Federations are responsible for ensuring learning takes place in a safe and effective environment, to include all on course learning and assessment materials.

Legal Requirements

The National Federations are responsible for ensuring all legal requirements associated with the delivery and assessment of the Certificate are adhered to, including:

- Ensuring the learning environment is safe for all learners and that risk assessments are in place and health and safety is responsibly managed
- Ensuring that all aspects of the Data Protection are met and that confidentiality is maintained as required
- Ensuring that learners are able to progress in a respectful environment free from bullying and harassment
- Ensuring that all safeguarding requirements are met.

The National Federations are responsible for ensuring that the requirements specified at the FINA Coaches Certification Course Guidelines are met.

Other

The National Federation should advise individual learners as to additional resources which will support their progress on the course and future development.

Certificate Progression

On completion of this Certificate, learners will have achieved the minimum recognised standards of competency to be certified as a Swimming Coach. Learners may wish to progress to the FINA Swimming Senior Coach Certificate to aid their development.

Equal Opportunities

FINA fully supports the principles of equal opportunities and is committed to satisfying these principles in all activities and published materials. A copy of our Equality and Diversity Policy is available on the FINA website.

Credits

FINA worked in partnership with key partners during the production of this certificate specification. Thanks to the Institute of Swimming and the relevant FINA Committees for its support.

FINA Swimming Coach Certificate structure

The certificate includes four key sections:

Learning outcomes

Learning outcomes are statements that broadly describe what a learner will know about, understand or be able to do as a result of learning.

Assessment criteria

Assessment criteria are more specific than the learning outcome and detail what a learner must do in order to meet these learning outcomes.

Key learning content

Key learning content details the specific content that must be taught, learnt and assessed. It must be included in the learner evidence in order to achieve the assessment criteria. It may also include suggestions and examples for inclusion. These examples or suggestions will be clearly stated to ensure clarity.

Assessment materials

The assessment materials are how the learning outcomes, assessment criteria and key learning content will be assessed. These materials are set by FINA.

These documents must be used. If the National Federations would like to deviate from these as a result of reasonable adjustments or special considerations the FINA shall approve it.

FINA Swimming Coach Level Curriculum

Swimming Coach	Swimming Coach				
Learning Outcomes – this is what you need to know/be able to do by end of the course	Assessment Criteria – this is what you will be assessed on	Key Learning Content - this is the key content that will be covered during the course	Assessment Materials – this is how you will be assessed		
1. Understand the role of the Swimming Coach	1.1: Explain the key responsibilities of a Swimming Coach	 Key responsibilities of a Swimming Coach: Plan, deliver and evaluate pool training sessions. Plan, deliver and evaluate pre and post pool activity sessions (RMAP). Promote lifelong participation in the sport of swimming. Behave and present themselves professionally. Maintain order and discipline with swimmers. Code of Ethics (IOC Ethics and FINA Code of Ethics). Be aware of and follow Normal Operating and Emergency Action Procedures or equivalent in own area of responsibility. Report any safeguarding, health and safety, equality and diversity and data protection concerns to the named responsible person. Operate within the requirements of the club structure and culture. Carry out regular self – reflection of their own coaching. Mentor Swimming Assistants (Coaching) and other volunteer coaching personnel. 	Theoretical Questions		
2. Know about the legal aspects of coaching swimming	2.1: describe how to meet the legal aspects of coaching swimming	Legal aspects: Safeguarding. Health and safety. Equality and diversity Data protection.	Theoretical Questions		
3. Understand the structure of swimming	3.1: Explain the structure of swimming	Structure: • The role of your National Federation	Theoretical Questions		

4. Know about positive coaching behaviours	4.1: describe the impact of effective coaching behaviours	 The role of the Continental Associations. Club governance and structure. (TBC) The role of coach representative bodies e.g. the Swimming Coaching Association (SCA). Coaching behaviours: Self-Aware Organised. Motivational. Fair and equitable. Knowledgeable. Reliable and consistent. Focus on fun and enjoyment. Promotes sporting behaviour. Respect for officials. 	Theoretical Questions
5. Understand the holistic development of swimmers	5.1: Produce a holistic development plan linked to an existing training programme	Holistic coaching development plan: Considering wider athlete needs when planning e.g. nutrition, fitness activities away from the pool, family/home life, school	Theoretical Questions
	5.2: Describe the key elements of basic healthy nutrition and hydration required by swimmers	 Healthy nutrition and hydration (included in the Lifestyle section) Energy sources. Vitamins and Minerals. Pre, during and post training and competition nutrition. Optimum hydration. 	Theoretical Questions
6. Understand the pillars of coaching	6.1: Explain the role the pillars of coaching play in the development of competitive swimmers	Pillars of coaching: Technical. Tactical. Physical. Psychological.	Theoretical Questions

		Lifestyle.	
	6.2: Explain the importance of lifestyle in developing competitive swimming	Lifestyle: Training. Rest/sleep. Education. Socialising. Family life.	Theoretical questions
7. Understand the Athlete Development Support Pathway (ADSP	7.1: Describe how the Athlete Development Support Pathway (ADSP) influences the development of training and competition plans	The Athlete Development Support Pathway (ADSP): Active Start. FUNdamentals. Learning to Train. Training to Train. Training to Compete. Training to Win. Active for Life.	Theoretical Questions
	7.2: Explain how the swimming coach encourages lifelong participation in aquatics	 Lifelong participation: Retained in aquatic training and competition e.g. masters swimming. Transition to volunteering / coaching / teaching / officiating. Involvement in other sporting activities i.e. triathlon, cycling, running etc. Social/fitness/recreational swimming Working for NGBs 	Theoretical Questions
	7.3 Explain the effects of Fundamental Movement Skills (FMS) and Sport Specific Skills	 Fundamental Movement Skills: (Development of ADSP FUNdamentals) Agility, balance, coordination, speed (ABCs). Running, jumping, throwing (RJT). Kinaesthetics, gliding, buoyancy, striking with an object (KGBs). Catching, passing, kicking, striking with part of the body (CPKs). 	Theoretical Questions

	(SSS) on swimmer development	Sport Specific Skills: • See Learn to Swim Stages 8-10 (Swimming)	
8. Understand Core Aquatic Skills	8.1: Explain the effects of Core Aquatic Skills (CAS) on swimmer development	 Entry. Exits. Buoyancy and Balance. Rotation and Orientation. Streamlining. Aquatic breathing. Travel and Coordination. Water Safety. Health and Fitness. 	Theoretical Questions
	8.2: describe basic anatomy and physiology as it applies to swimming specific movement skills	 Anatomy and Physiology: The 5 S's of Fitness Muscular system. Skeletal system. Cardiovascular system. Respiratory system. Energy systems. Principles of training. Movement planes and axes. 	Theoretical Questions

	8.3: Describe key injuries and their causes in swimming	 Shoulder impingements. Breaststroker's knee. Hip and lower body injury. Upper Back Pain. Lower Back Pain. Postural/muscular imbalances. Causes Poor technique. Overtraining, over-reaching, over-use. Muscle/tissue weakness. 	Theoretical Questions
	8.4: Describe injury prevention strategies	 Injury prevention strategies Communication among athlete, parent, coach and medical professionals. Good stroke technique. Lessen repetitive strokes that are causing the overuse injury. Perform core strengthening and cross-training exercises as part of pre and early season routines. Alternative training techniques rather than training through an injury. Well-managed return to training/competition. 	Theoretical Questions
9. Understand the scientific principles in swimming	9.1: Explain the influences of the scientific principles on competitive swimming	Scientific principles: Buoyancy/Flotation Propulsion Resistance Drag Eddy Currents	Theoretical questions

10. Understand the components of fitness and the principles of training	10.1: Explain the principles of training used in competitive swimming	Principles of Training: Specificity. Progressive overload. Adaptation. Reversibility. Variety. Rest and recovery.	Theoretical questions
11. Understand training intensity classifications	11.1: Explain the appropriate use of training intensity classifications used in competitive swimming	 Training intensity classifications: Aerobic low intensity (A1). Aerobic maintenance development (A2). Anaerobic threshold (AT). Aerobic overload (VO2). Lactate Production (LP). Lactate Tolerance (LT). Basic speed (Speed). 	Theoretical Questions
12. Understand and coach the competitive swimming strokes and skills	12.1: Explain the components parts of the swimming strokes and skills	Swimming strokes: Front crawl, backstroke, breaststroke and butterfly. Components parts of the swimming strokes: Body position. Leg action. Arm action. Breathing. Timing. Movement skills Catch. Pull. Recovery.	Theoretical Questions

	 Kick. Rotation. Swimming skills: Starts, turns and finishes. Component parts of the swimming skills: Starts: Take your marks. Go. 	
	 Flight. Entry. Underwater phases. Transition to breakout. Turns:	
	 Approach. Rotate and Touch. Push. Underwater phases. Transition to breakout. Finishes:	
12.2: Coach swimming strokes and skills to swimmers	Approach and Touch. See key learning content above	Observation record completed by the assessor

12.3: Identify common faults for swimming strokes and skills	 Common faults: Linked to all elements of BLABT (body, legs, arms, breathing, timing). Pacing. Lack of flexibility. Lack of strength. Lack of endurance. 	Stroke analysis record
12.4: Carry out an analysis for each competitive stroke	 Analysis Linked to all elements of BLABT (body, legs, arms, breathing, timing). Strengths. Highlighting areas for improvement. 	Stroke analysis record
12.5: Carry out an analysis of starts, turns and finishes for each competitive stroke	Analysis Starts: Take your marks. Go. Flight. Entry. Underwater phases. Transition to breakout. Turns: Approach. Rotate and Touch. Push. Underwater phases. Transition to breakout.	Skill analysis record

	12.6: Implement methods to correct identified faults in swimming strokes and skills	 Approach and Touch. Methods: Technical drills Break down of stroke Technical /Video analysis 	Observation record completed by the assessor and skill analysis sheet
13. Be able to use swimming equipment	13.1:Demonstrate the appropriate use of different types of swimming equipment	 Types of swimming equipment: Pool equipment – for example lane ropes, markers. Coaching equipment – for example pace clock, stop watch, whiteboard. Swimming equipment – for example hat, goggles, drink bottle, fins, paddles, pull buoy. Pool rescue equipment – for example reach poles, throw bags. 	Observation record completed by the assessor
14. Understand the technical rules of swimming	14.1: Interpret the FINA rules of competitive swimming	 FINA Rules of Competitive swimming: The start. Freestyle. Backstroke. Breaststroke. Butterfly. Medley. 	Theoretical Questions and/or assessor questioning
15. Understand and be able to	15.1: Describe the key elements of a	Pre-pool (RMAP)	Theoretical Questions

deliver a pre- planned pool (RMAP) and post pool activity sessions	pre-pool (RMAP) and post pool activity	 Health and safety. Environmental factors. Swimmers clothing. Land-based warm ups. RMAP (raise, mobilise, activate, prime/potentiate). Post Pool Activities Post pool stretching. 	
	15.2: Plan a suitable pre-pool (RMAP) and post pool activity session for a group of swimmers 15.3: Deliver a suitable pre-pool (RMAP) and post pool session	Delivery of pre-planned pool (RMAP) and post pool session: Visually risk assess. Communication with swimmers. Demonstration of activities. Direction of swimmers.	RMAP and post pool plan Observation record completed by assessor
	15.4: Evaluate the planning and delivery of a prepool (RMAP) and post plan session	Evaluate: Aims and objectives met? Health and safety adhered to. Key strengths of the session? Areas for improvement.	Session evaluation
16. Understand and be able to	16.1: Explain the purpose of planning in	Purpose of planning: • Preparation.	Theoretical Questions

	T		1
plan swimming training sessions	competitive swimming	 Professional. Meeting season training aims/objectives. Meeting season competitive aims/objectives. Individual needs of the swimmers. 	
		Tool for analysis and review.	
		Maximise performance.	
		Reduce injury.	
	16.2: Produce a minimum of 5	Session plans to include:	Learner produced session
	appropriate session	Swimmer details	plans
	plans	Pool details	
		Briefing	
		Aims/objectives	
		Pre pool dry land (RMAP)	
		Pool warm up.	
		Sets of work (prep, main, sub-set).	
		Pool cool down/stroke recovery.	
		Dry land cool down/recovery.	
		Session de-brief.	
		Evaluation.	
		Session requirements	
		All plans must be for a minimum of 1 hour	
		1 session plan must include the use of a swimming assistant (coaching)	
		The session plans must cover 2 different stages of the ADSP	
		The section plane must sever 2 amorem stages of the 7.2 cr	
17. Know about	17.1: Describe the	Race analysis/modelling	Theoretical paper
race	importance of race	Otant. Through 45 materia	
analysis/modelling		Start – Through 15 metres	

	analysis/modelling in competition	 Turns – Through 15 metres Finish – Final 5 metres Speed Race Splits/Percentages Distance Per Stroke (Variations) Stroke Rate Stroke Count Velocity – Swim speed consistency Overall Efficiency. 	
18. Be able to deliver planned coaching sessions	18.1: Deliver a minimum of 5 preplanned coaching sessions, for swimmers from different ability levels	 Prepare effectively by producing a plan for the session Brief the swimmers on the session objectives. Follow the session plan. Providing feedback to swimmers throughout the session. Gather performance data from the session to feedback to the swimmers Supervise and mentor volunteers and swimming assistants (coaching) Evaluating the session with the volunteers, swimming assistants (coaching) coach and swimmers. 	Observation record to be completed by assessor
		 During the session, demonstrate: Using pace clock and stop watch Safe use of equipment Identify and report any unforeseen issues that occur during the session to the appropriate person* *If not seen this will be assessed via an alternative method. Session requirements All must be for a minimum of 1 hour 1 session must include at least 12 swimmers 	

	1 session must include the use of a swimming assistant (coaching)	
	The sessions must be from 2 different stages of the ADSP	
18.2: Use appropriate	Appropriate Coaching methods	Observation record
coaching methods that meet the needs of the swimmers and the coaching environment	 The coaching process is followed The swimmers are in lanes on an ADSP basis Sessions are swimmer centred and coach driven Technique focused Appropriate demonstrations are used 	
40.2) Damanatusta	Those used need to be relevant to the requirements of the swimmers and the coaching environment	Observation record
18.3: Demonstrate appropriate regard for safety including safeguarding in training and competition	 Appropriate: Meeting legal requirements Suitable for the session and needs of the swimmers Regard for safety:	Observation record
	 Adhere to risk assessment Adhere to emergency operating procedures Maintain safety of self and others throughout the training and competition including safeguarding 	
18.4: Demonstrate appropriate behaviour management skills	Appropriate: Suitable for the training session, competition and needs of the participants	Observation record or assessor questioning
in training and competition	Behaviour management skills: Rules, expectations, consistency of approach, resolving conflicts, sanctions	
18.5: Demonstrate appropriate time management skills	Appropriate: Suitable for the training session, competition and needs of the participants	Observation Record

ir	n training and		
	competition	Time management skills:	
	'		
		Follow session timings and adapt if needed Deliver associate at an emprepriate page.	
		Deliver session at an appropriate pace	
	18.6: Use effective	Effective:	Observation record
v	erbal and non- erbal communication	Suitable for the swimmers and the environment	
s	skills with swimmers n training and	Verbal communication:	
	competition	Volume, tone, language, terminology, coaching points	
		Non-verbal communication:	
		Gestures, body language, demonstrations, positioning	
	18.7: Use	Appropriate:	Observation record
n	notivational echniques with	Suitable for the needs of the swimmers and the environment	
S	swimmers in training and competition	Motivational techniques:	
	and composition	Praise, positive reinforcement, positive learning environment, rewards, incentives, goal setting	
	18.8: Use effective	Effective:	Observation record
v	verbal	Suitable for the coaching assistants, parents or guardians and other professionals and the environment	
s	skills with the		
C	coaching	Verbal communication:	
	assistant(s),		
	parents (or	Volume, tone, language, terminology	
	guardians) and		
0	other	Non-verbal communication:	

	professionals in the training and competition environment	Gestures, body language	
	18.9: Explain the impact of effective verbal and nonverbal communication with swimmers, coaching assistant(s), parents (or guardians) and other professionals in the training and competition environment	Impact of effective verbal and non-verbal communication: Consistent messaging Supports performance Supports behaviour management	Theoretical Questions and/or assessor questioning
20. Understand professional development opportunities	20.1: Carry out a reflection and evaluation of own performance	 Reflection: Self-reflection Using others, e.g. swimmers, swimming assistants (coaching), assessors, other coaches and support staff Evaluation What worked well? What didn't work well? Action planning for the next session. 	Review record
	20.2: Produce a relevant and realistic action plan to improve own performance	Relevant and realistic Relevant to you – valid, in line with self-evaluation and assessor feedback Realistic – cost, time, opportunities	Action plan

Action plan opportunities:	
 Observation/shadowing of qualified coaches. Attending coaching camps. Work experience. Further training and education. Independent research. Mentoring. 	

