



Speech-Language & Audiology Canada Clinical Certification Examination

Application and Information Package for
Provincial Regulatory Body Candidates

Application Deadline:

- Spring exam – January 31
- Fall exam – June 30

Deadline for Changes and Postponements:

- Spring exam – February 15
- Fall exam – July 31

Cancellation Deadline

- Spring exam – February 15*, March 10**
- Fall exam – July 31*, August 20**

**Full refund minus \$50 administration fee*

***50% refund*

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Dear SAC clinical certification exam applicant:

Speech-Language and Audiology Canada (SAC) national clinical certification exams were developed to examine entry level knowledge in the professions of speech-language pathology and audiology and are also used as an assessment tool for internationally trained professionals.

Enclosed is information about the content and procedures you will be required to know when writing the examination.

You are writing the examination under special circumstances at the request of one of the Canadian provincial regulatory bodies. Your results will be forwarded to the regulatory body with the enclosed signed permission form.

SAC membership and clinical certification is not mandatory, however, if interested, passing the exam alone does not automatically make you eligible.

Step 1: Obtain your full license with your regulatory body.

Step 2: Apply for SAC membership (if interested).

Step 3: Apply for SAC clinical certification (in writing to bev@sac-oac.ca). SAC clinical certification is not guaranteed, you must submit the required documents, meet the coursework and clinical practicum hour requirements. Also, you have 1 year from writing the exam to apply for SAC clinical certification.

The SAC clinical certification exams in audiology and speech-language pathology are based on **Assessing and Certifying Clinical Competency: Foundations of Clinical Practice for Audiology and Speech-Language Pathology (2004)**. Each question has been specifically referenced to this document. A copy of this document can be downloaded from the website: <http://sac-oac.ca/sites/default/files/resources/AssessingandCertifyingClinicalCompetency.pdf>.

To ensure appropriate representation of each area with the Foundations document, the examination is constructed in accordance with a "test blueprint" which dictates the percentage of questions in each area. The test blueprints for audiology and speech-language pathology are enclosed (Appendix D).

The literature in audiology and speech-language pathology is constantly changing and university training programs have a growing number of texts from which to select course materials. In developing the examination, every effort has been made to reflect widely documented knowledge.

Suggested references in audiology and speech-language pathology are included in Appendices E and F. Further assistance might be obtained by contacting a Canadian university training program to request a copy of their specific course outlines and/or reading lists.

There are various resources to help you prepare for the exam that are accessed from the website: www.sac-oac.ca/membership-certification/exam-prep.

APPLYING FOR THE EXAMINATION

1. To apply to write the exam you **MUST** be:
 - A current SAC member/associate; **or**
 - An internationally educated candidate writing at the request of:
 - SAC; **or**
 - a Canadian regulatory/licensing body.

2. Submit exam application by the posted deadline using:
 - SAC members/associates **and** internationally educated candidates writing at the request of SAC:
 - Online application (SAC members/associates only) – www.sacmembership.ca; or
 - Paper application (by mail, fax or email)
 - Internationally educated candidates writing at the request of a Canadian regulatory/licensing body. **Submit:**
 - Paper application (by mail, fax or email)
 - Permission for Disclosure (by mail, fax or email)
 - SAC members/associates registering with the College of Speech and Hearing Health Professionals of BC (CSHHPBC):
 - To have SAC send a letter to CSHHPBC regarding whether you were successful or unsuccessful on the current exam, you must complete the “permission for disclosure” form. You are required to submit this form by the exam application deadline.
 - Permission for Disclosure (last page)

3. Payment **MUST** accompany exam applications.

4. Exam fees:
 - SAC members/associates **and** internationally educated candidates writing at the request of SAC:
 - \$495 for designated exam sites;
 - \$695 for non-designated exam sites;
 - Internationally educated candidates writing at the request of a Canadian regulatory/licensing body:
 - \$1,050 for designated exam sites; and
 - \$1,250 for non-designated exam sites.

DESIGNATED SAC EXAMINATION SITES

<p><u>Alberta</u> Calgary Edmonton</p> <p><u>British Columbia</u> Vancouver</p> <p><u>Manitoba</u> Winnipeg</p>	<p><u>New Brunswick</u> Moncton</p> <p><u>Newfoundland</u> St. John’s</p> <p><u>Nova Scotia</u> Halifax</p>	<p><u>Northwest Territories</u> Yellowknife</p> <p><u>Ontario</u> London Ottawa Toronto</p> <p><u>Prince Edward Island</u> Charlottetown</p>	<p><u>Quebec</u> Montreal Quebec City</p> <p><u>Saskatchewan</u> Regina</p> <p><u>Yukon</u> Whitehorse</p>
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NON-DESIGNATED SITES

1. In exceptional circumstances, SAC may grant a candidate's request to write at a non-designated site.
2. To determine your eligibility, contact the SAC office prior to the application deadline. Requests received after the application deadline will not be considered.
3. SAC will be responsible for arranging for an approved invigilator and exam site. However, SAC may request that candidates requesting to write in international locations assist in finding an invigilator.
4. Invigilators must be SAC Clinical Certified Clinicians or SAC-approved professionals.

EXAMINATION CHANGES

Changes:

- **Deadlines:**
 - Spring exam – Midnight (EST), February 15
 - Fall exam – Midnight (EDT), July 31
- Request for changes must be received in writing.
- Requests for changes received **prior** to the posted deadlines will be accommodated.
- Requests for changes received **after** the posted deadline will not be accommodated.
- Change requests may include:
 - location of examination (request to non-designated site must be received prior examination application deadline);
 - language in which you write the examination; and
 - copy of exam in alternate language.

WITHDRAWING FROM THE EXAMINATION

Cancellations:

- **Deadlines:**
 - **to receive a refund minus \$50:**
 - Spring exam – Midnight (EST), February 15
 - Fall exam – Midnight (EDT), July 31
 - **to receive a 50% refund:**
 - Spring exam – Midnight (EDT), March 10
 - Fall exam – Midnight (EDT), August 20
- Requests for cancellations must be received in **writing**.
- Requests for cancellations received prior to the posted deadlines will receive the appropriate refund.
- Requests for cancellations received after the posted deadline will not be refunded.

WITHDRAWING FROM THE EXAMINATION (continued)

Postponements:

- **Deadlines:**
 - Spring exam – Midnight (EST), February 15
 - Fall exam – Midnight (EDT), July 31
- Requests for postponements must be received in writing.
- Requests for postponements received prior to the posted deadline will be postponed to the next exam date.
- Requests for postponements received after the posted deadline will not be accepted.
- Exams can be postponed only once.
- Candidates whose exam is postponed:
 - Must write at the next exam.
 - Must submit a paper application for the next exam prior to the application deadline.
 - Do not qualify for a refund or another postponement.

EXAMINATION CONTENT

The SAC clinical certification examinations in audiology and speech-language pathology are based on the document **Assessing & Certifying Clinical Competency: Foundations of Clinical Practice for Audiology and Speech-Language Pathology (2004)**. A copy of this document can be downloaded from the SAC website (<http://sac-oac.ca/sites/default/files/resources/AssessingandCertifyingClinicalCompetency.pdf>) or by contacting the SAC office.

The test blueprints for audiology and speech-language pathology, describing the percentage of examination questions in each area of the “Foundations” document, and a list of suggested references are included in the appendices.

EXAMINATION FORMAT

The examination is written in **two 2-hour sessions** (morning and afternoon) with 100 questions in each session.

The questions are all multiple choice. You are encouraged to answer every question, as there is no penalty for guessing (i.e., wrong answers are not subtracted from correct).

It is recommended that you start answering the questions at once rather than reading through the whole booklet as you may run out of time. **Only responses on the answer sheet will be marked.**

All test materials must be passed in at the end of the examination.

A sample question can be found in Appendix A.

STUDY TIPS

Spend at least one day organizing your study materials. Use the “Foundations” document and the test blueprint to determine what areas you need to review. You may need to dig up old notes and textbooks, or borrow some from a friend.

Focus on learning the material. The test blueprint (Appendix D) provides a percentage of content for certain topics that will be on the examination. Use this as a guide to determine how long you will study for each section. The time you spend studying a certain topic area is, in part, a reflection of your clinical experience. You may not need to study a topic as much as your colleague because you have more practical experience in that area and the knowledge is fresh.

Keep in mind that the questions are meant to reflect entry-level clinical knowledge and are designed to be patient/client based rather than textbook based.

Check out the SAC website for further preparation information, including the SAC Code of Ethics, reference lists, sample question, tips specific to writing multiple choice exams, access to a study chat room, suggested study resources from ASHA, and the Foundations document at <http://sac-oac.ca/membership-certification/exam-prep>.

EXAMINATION ADMISSION LETTER

Each candidate will receive an admission letter by e-mail. If you have not received an admission letter approximately fourteen (14) days prior to the date, please notify the SAC office by calling **(800) 259-8519** or **(613) 567-9968**.

The specific test site location and reporting time will be printed on the admission letter along with your name and address.

Exam Time:	10 a.m. – 3 p.m.	Booklet #1:	10 a.m. – 12 noon
Exam Duration:	4 hours	Booklet #2:	1 p.m. – 3 p.m.

EXAMINATION DAY

You must arrive **at least 30 minutes early** (unless otherwise noted on admission letter) to facilitate registration. Candidates arriving 30 minutes **after** the exam start time will **not** be admitted into the exam and will forfeit the exam.

The admission letter and picture identification (e.g., driver's licence, student card or passport) is required for admittance to the examination.

Rules of conduct for examination candidates is in Appendix C. Familiarize yourself with these prior to the examination.

Exam room notes:

- Dress appropriately (in layers) as exam room temperatures may vary.
- Food and beverages, except bottled water, are **not** permitted in the exam room.
- Scratch paper is not allowed, use exam booklet for notes.
- Pencils with erasers are supplied. Do NOT use pen.
- Cell phones must be turned off and left with the invigilator.

EXAMINATION SCORING

The passing score for the audiology and speech-language pathology examinations are based on the Angoff method.

This method is described in more detail on the SAC website: www.sac-oac.ca/professional-resources/resource-library/setting-passing-score-sac-clinical-certification-exam.

Information on interpreting standardized scores can be found in Appendix B.

EXAMINATION RESULTS

Approximately 4 - 6 weeks after the examination, the candidate will receive a copy of their examination scores.

All scores are reported as standardized scores, with a breakdown of performance in each area. Information to assist the candidate in interpretation of these scores is provided on in Appendix B.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Overall Passing Rate	91.8%	95.6%	91%	94.9%	92.4%	88.1%	91.5%	89.4%	87.1%	82.9%	87.5%

Historical results are available on the website: www.sac-oac.ca/professional-resources/resource-library/historical-exam-results.

RE-SCORING EXAMINATION RESULTS

Occasionally, candidates request to have their examination re-scored. Please be advised that every examination with a score below or at the passing score is re-scored carefully by hand **BEFORE** results are released. The possibility of a change in score resulting from an additional re-scoring is therefore quite small.

To request an examination re-score, you must submit:

- Request within **30 business days** of the mailing of examination results;
- **Written/typed** letter requesting a re-scoring;
- Request by **registered mail** (requests received by regular mail, courier, xpresspost, etc will not be accepted); and
- **\$100** administrative fee payable (to SAC) by cheque, money order, Visa, or MasterCard.

Please refer any re-scoring questions to Lauren Mann, Manager of Clinical Certification and Exams at: lauren@sac-oac.ca or 800-259-8519 x 232.

Submit your re-scoring appeals to:

SAC
1000-1 Nicholas Street
Ottawa, ON K1N 7B7

EXAMINATION FAILURE APPEAL PROCESS

Candidates can request an appeal of their examination failure due to **special circumstances**.

To request an examination failure appeal, you must submit:

- Request within **30 business days** of the mailing of examination results;
- **Written/typed** letter requesting an appeal;
- A **complete description** of the basis of the appeal;
- **Supporting documentation**, if applicable;
- **\$200** administrative fee payable (to SAC) by cheque, money order, Visa, or Master Card;
- Request by **registered mail** (requests received by regular mail, courier, xpresspost, etc will not be accepted); and
- Request to **Chief Executive Officer, SAC**.

Appeals will be reviewed according to SAC policy statement and procedures. **The decision of the appeal committee shall be final.**

The “Appeal of the Clinical Certification Examination Failure” policy can be found in Appendix G.

Please refer any re-scoring or appeal questions to Lauren Mann, Manager of Clinical Certification and Exams at: lauren@sac-oac.ca or 800-259-8519 x 232.

Submit your failure appeals to:

SAC
1000-1 Nicholas Street
Ottawa, ON K1N 7B7

APPENDIX A

SAMPLE QUESTION Audiology & Speech-Language Pathology

The examination contains **multiple choice questions**. Multiple choice questions have a stem and four or five options of which only **ONE** is correct.

The remaining alternatives called distractors are not necessarily wrong. That is, the distractors are less correct than the best answer. The task for the candidate is to differentiate between the alternatives as to which is the best answer.

EXAMPLE:

Assume you could control only one parameter of a speech synthesizer. Which of the following parameters would you choose to produce the most intelligible speech?

1. F1 frequency
2. F1 amplitude
3. F2 frequency
4. Fundamental frequency

The correct answer is number 3, and will be marked thus on the answer sheet:

1 2 ③ 4

All questions have only 1 BEST or CORRECT answer.

All questions are equally weighted. Correct responses are worth 1 mark; incorrect responses are worth zero marks.

Any question which is omitted, that is, for which no answer circle has been shaded in, will be treated as incorrect.

Additional samples available on the website:

S-LP: http://sac-oac.ca/sites/default/files/resources/Exam_sample%20questions_S-LP_EN.pdf

Aud: http://sac-oac.ca/sites/default/files/resources/Exam_sample%20questions_Aud_EN.pdf

INTERPRETING STANDARDIZED SCORES

The scores presented in the profile of performance on a recent examination of Speech-Language and Audiology Canada are reported as scaled scores. A scaled score is a conversion of a candidate's raw score on an exam to a common or standardized scale.

The **passing** score is **330** on a scale ranging from a **minimum of 100** to a **maximum of 550**. You will have passed if Your Overall Score is 330 or above and you will have failed if Your Overall Score is less than 330.

You will also receive a scaled score for each content category of the examination blueprint. These scores indicate how well you performed in each category. In addition, you will see the number of questions per content category and how well you performed in comparison to the average Canadian educated candidate writing for the first time. The passing scaled score for each category is 330. You do not need to pass every category to pass the exam.

What does this mean?

Suppose you received a score of 450 in a category that has a **large** number of questions on the exam, such as Prevention, Evaluation and Diagnosis, and the average Canadian educated candidate writing for the first time received a score of 400 for the same category. In this case, your score (450) would indicate that you passed this category and have correctly responded to a greater number of questions than the average Canadian educated candidate writing for the first time.

Conversely, suppose you receive a score of 250 in a category that has a **moderate** number of questions on the exam, such as Basic Requirements Common to Audiology and Speech-Language Pathology, and the average Canadian educated candidate writing for the first time received a score of 550 in the same category. In this case, your score (250) would indicate that you have not passed this category and you have responded correctly to fewer questions than the average Canadian educated candidate writing for the first time.

Since content categories with larger number of questions carry more weight on the exam, your performance on the content categories with the larger number of questions is more important in determining whether you pass or fail.

What is the purpose of having a score breakdown by category?

Seeing how well you did in relation to the average Canadian educated candidate writing for the first time will provide you with information regarding your performance within each category. This is especially important if you are unsuccessful in passing the exam as this information will help you to focus on the categories where you need to improve your performance.

RULES OF CONDUCT FOR EXAMINATION CANDIDATES

1. Examination candidates must arrive at the examination room thirty (30) minutes before the start of the examination.
2. No person will be allowed in the examination room during the examination except the examination candidate(s) and the invigilator(s).
3. Examination candidates must bring photo identification (Driver's License, Passport, or Canadian Health Card (with photo)).
4. Any candidate who may have brought any backpacks, bags, notes, books, papers, radios, tape-recorders, calculators, cell phones or cameras into the examination room must deposit them with the invigilator before the examination begins. All cell phones must be turned off.
5. Exam candidates who arrive after the start of the examination may be permitted in the examination room up to thirty (30) minutes after the start of the exam. This is at the discretion of the invigilator.
6. While the examination is in progress examination candidates are prohibited from communicating with each other in any manner whatsoever.
7. Examination candidates are not permitted to ask questions of the invigilators, except in cases of supposed errors in examination questions, illegible, missing, or damaged material.
8. Every candidate must identify his/her answer sheet with his/her name and candidate number (found on the candidate ID card).
9. If a candidate must leave the room temporarily during the examination his/her examination materials must be secured against inspection by other candidates.
10. If a candidate must withdraw permanently before the completion of an examination, his/her examination materials must be surrendered to the invigilator and returned to the marking authority with a note of explanation.
11. Examination books and all other examination materials must **NOT** be removed from the examination room by the examination candidates.
12. Examination candidates must not destroy or damage any examination materials and **MUST** hand in all examination materials to the invigilator at the end each session.
13. Candidates must comply with all instructions issued by the invigilator for the conduct of the examination.
14. Any candidate who is suspected of having committed an infraction against these rules of conduct will be reported by the invigilator to the marking authority, and to the SAC office. The answer sheets of candidates suspected of having committed an infraction may be subjected to statistical analysis as a means of determining whether he/she has had access to the examination booklets before the examinations or had communicated to other candidates during the examination. The SAC Standards Advisory Committee may decide that credit for the examination will not be given.

TEST BLUEPRINTS

Topics are based on "Assessing and Certifying Clinical Competency: Foundations of Clinical Practice for Audiology and Speech-Language Pathology (2004)".
<http://sac-oac.ca/sites/default/files/resources/AssessingandCertifyingClinicalCompetency.pdf>

AUDIOLOGY EXAMINATION

UNIT	TOPIC	% QUESTIONS (of 200)
I	Basic Requirements	4 – 8 %
II	Prevention, Evaluation and Diagnosis	30 – 40 %
III	Client Management	30 – 40 %
IV	Neonatal and Infant Populations	6 – 8 %
V	Pre-school and School Populations	6 – 8 %
VI	Profoundly Hearing Impaired	3 – 5 %
VII	The Aging Population	6 – 8 %
VIII	Occupational Hearing Loss	1 – 3 %
IX	Professional Practice	1 – 3 %

SPEECH-LANGUAGE PATHOLOGY EXAMINATION

UNIT	TOPIC	% QUESTIONS (of 200)
I	Basic Requirements	8 – 10 %
II	Principles of Clinical and Professional Practice	4 – 6 %
III	Developmental Articulation/Phonology	11 – 15 %
IV	Neurologically Based Speech Disorders	7 – 9 %
V	Developmental Language Disorders	20 – 23 %
VI	Acquired Language Disorders	10 – 12 %
VII	Voice Disorders	7 – 9 %
VIII	Resonance Disorders	3 – 5 %
IX	Fluency Disorders	7 – 9 %
X	Augmentative/Alternate Communication	3 – 5 %
XI	Hearing and Related Disorders	3 – 5 %
XII	Dysphagia	7 – 9 %

SUGGESTED REFERENCES

AUDIOLOGY

- Alpiner, J.G. & McCarthy, P.A. (2000). *Rehabilitative Audiology: Children and Adults*. (3rd Edition). Baltimore, MD: Lippincott, Williams and Wilkins. ISBN 0-683-30652-9.
- Berger, E.H. (2003). *The Noise Manual*. (5th Edition). American Industrial Hygiene Association. ISBN 0-931504-02-4.
- Chermak, G.D. & Musiek, F.E. (2006). *Handbook of (Central) Auditory Processing Disorder: Volume II Comprehensive Intervention*. San Diego, CA: Plural Publishing Inc. ISBN 1-59756-057-X.
- Dillon, H. (2001). *Hearing Aids*. New York, NY: Thieme. ISBN 1-58890-052-5.
- Gelfand, S. (2009). *Essentials of Audiology*. (3rd Edition). New York, NY: Thieme. ISBN 978-1-604-06044-7.
- Hall, J. & Mueller, H.G. (1998). *Audiology Desk Reference: Volume I Diagnostic Audiology Principles, Procedures and Practices*, San Diego, CA: Singular. ISBN 1-56593-269-2.
- Hall, J. & Mueller, H.G. (1998). *Audiology Desk Reference: Volume II Audiologic Management, Rehabilitation and Terminology*. San Diego, CA: Singular. ISBN 1-56593-711-2.
- Jacobson, J.T. (1994). *Principals and Applications in Auditory Evoked Potentials*. Boston, MA: Allyn & Bacon. ISBN 0-205-14846-8.
- Katz, J., Medwetsky, L., Burkard, R. & Hood, L. (2009). *Handbook of Clinical Audiology*. (6th Edition). Baltimore, MD: Lippincott, Williams and Wilkins. ISBN 0-7817-8106-X.
- Martin, F.H. & Clark, J.G. (2009). *An Introduction to Audiology*. (10th Edition), Boston, MA: Allyn & Bacon. ISBN 0-205-59311-9.
- Mueller, H.G., Hawkins, D.B., & Northern, J. L. (1992). *Probe Microphone Measurements, Hearing Aid Selection and Assessment*. San Diego CA: Singular. ISBN 1-87910-568-3.
- Musiek, F.E. & Rintelmann, W.F. (1999). *Contemporary Perspectives in Hearing Assessment*. Boston, MA: Allyn & Bacon. ISBN 0-205-27457-9.
- Musiek, F.E., & Chermak, G.D. (2006). *Handbook of (Central) Auditory Processing Disorder: Volume I Auditory Neuroscience and Diagnosis*. San Diego, CA: Plural Publishing Inc. ISBN 1-59756-056-1.
- Northern, J. L. (1996). *Hearing Disorders*. (3rd Edition). Boston, MA: Allyn & Bacon. ISBN 0-205-15226-0.
- Northern, J.L. & Downs, M.P. (2001). *Hearing in Children*. (5th Edition). Baltimore, MD: Lippincott, Williams and Wilkins. ISBN 0-683-30764-9.
- Robinette, M.S. & Glatcke, T. (2007). *Otoacoustic Emissions*. (3rd Edition), New York, NY: Thieme. ISBN 978-1-588-90411-9 / 978-3-131-03713-8.
- Speech-Language & Audiology Canada. (2005). *Code of Ethics*. Speech-Language & Audiology Canada. (<http://sac-oac.ca/sites/default/files/resources/code%20of%20ethics.pdf>).
- Valente, M., Hosford-Dunn, H. & Roeser, R. (2008). *Audiology Diagnosis*. (2nd Edition). New York, NY: Thieme. ISBN 978-1-588-90542-0 / 978-3-131-16432-2.
- Valente, M., Hosford-Dunn, H. & Roeser, R. (2008). *Audiology Treatment*. (2nd Edition). New York, NY: Thieme. ISBN 978-1-588-90520-8 / 978-3-131-16422-3.

NOTES:

Each question on the audiology clinical certification examination is coded to:

- 1) A unit and subsection of the document *Assessing and Certifying Clinical Competency: Foundations of Clinical Practice for Audiology and Speech-Language Pathology (2004)*. (<http://sac-oac.ca/sites/default/files/resources/AssessingandCertifyingClinicalCompetency.pdf>) and
- 2) A specific literature reference that may or may not be included in the reference list above.

This handout of “suggested references” represents a listing of basic audiology text books covering fundamental topics. This is not a comprehensive listing and examination questions may be derived from other sources. Peer reviewed journals and conference proceedings are considered acceptable sources as they may contain more updated information related to specific topics. These documents should be read and interpreted with appropriate judgment. Suggested audiology journals and proceedings are listed below as examples:

ANSI Standards

Ear & Hearing

International Journal of Audiology

Journal of the American Academy of Audiology

Trends in Amplification

Proceedings from A Sound Foundation Through Early Amplification

Revised: 12.2013

SUGGESTED REFERENCES

SPEECH-LANGUAGE PATHOLOGY

- Anderson, N.B. & Shames, G.H. (2006). *Human Communication Disorders*. (7th Edition). Boston, MA: Allyn & Bacon. ISBN 0-205-45622-7.
- Bauman-Waengler, J., & (2012). *Articulatory and Phonological Impairments: A Clinical Focus*. (4th Edition). Boston, MA: Pearson. ISBN 978-0-132-56356-7.
- Berko Gleason, J. & Bernstein Ratner, N. (2009). *The Development of Language*. (7th Edition). Boston, MA: Allyn & Bacon. ISBN 0-205-59303-8.
- Bernthal, J.E., Bankson, N.W., & Flipson, P. (2012) *Articulation and Phonological Disorders: Speech Sound Disorders in Children*. (7th Edition). Boston, MA: Pearson. ISBN 978-0-132-61263-0.
- Beukelman, D. & Mirenda, P. (2006). *Augmentative and Alternative Communication: Supporting Children and Adults with Complex Communicative Needs*. (3rd Edition). Baltimore, MD: Paul Brookes. ISBN 1-55-766-684-9.
- Bhatnagar, S.C. (2012). *Neuroscience for the Study of Communicative Disorders*. (4th Edition). Baltimore, MD: Lippincott, Williams and Wilkins. ISBN 1-6091-3871-6.
- Bloodstein, O. & Bernstein Ratner, N. (2008). *A Handbook on Stuttering*. (6th Edition). Boston, MA: Delmar Learning. ISBN 978-1-418-04203-5.
- Boone, D.R., McFarlane, C., Von Berg, S.L., & Zraick, R.I. (2013). *The Voice and Voice Therapy*. (9th Edition). Boston, MA: Pearson. ISBN 978-0-133-00702-2.
- Brookshire, R. H. (2007). *Introduction to Neurogenic Communication Disorders*. (7th Edition). St. Louis, MO: Mosby. ISBN 978-0-323-04531-5.
- Catts, H. & Kamhi, A. (2005). *Language and Reading Disabilities*. (2nd Edition). Needham Heights, MA: Allyn & Bacon. ISBN 0-205-44417-2.
- Chapey, R. (2008). *Language Intervention Strategies in Aphasia and Related Neurogenic Communication Disorders*. (5th Edition). Baltimore, MD: Lippincott, Williams & Wilkins. ISBN 0-7817-6981-7.
- Colton, R.H., Casper, J.K. & Leonard, R. (2005). *Understanding Voice Problems: A Physiological Perspective for Diagnosis and Treatment*. (3rd Edition). Baltimore, MD: Lippincott, Williams & Wilkins. ISBN 0-7817-4239-0.
- Deem, J.F. & Miller, L. (2000). *Manual of Voice Therapy*. (2nd Edition), Austin, TX: PRO-ED, Inc. ISBN 0-89079-825-7.
- Duffy, J.R. (2005). *Motor Speech Disorders: Substrates, Differential Diagnosis, and Management*. (2nd Edition). St Louis, MO: Mosby. ISBN 978-0-323-02452-5.
- Genesee, F., Paradis, J., & Crago, M.B. (2004). *Dual Language Development and Disorders: A Handbook on Bilingualism and Second Language Learning*. Baltimore, MD: Brookes Publishing Co. ISBN 1-55766-686-5.
- Gerrig, R.J., Zimbardo, P.G., Desmarais, S. & Ivanko, T. (2011). *Psychology and Life* (2nd Canadian Edition). Toronto, ON: Pearson Education Canada. ISBN 978-0-205-03711-7.
- Groher, M.E. (1997). *Dysphagia: Diagnosis and Management*. (3rd Edition). Newton, MA: Butterworth-Heinemann. ISBN 0-7506-9730-X.
- Hall, K.D. (2001). *Pediatric Dysphagia Resource Guide*. Clifton Park, NY: Delmar. ISBN 978-0-7693-0063-4.
- Hegde, M.N. (2001). *Introduction to Communicative Disorders*. (3rd Edition). Austin, TX: PRO-ED, Inc. ISBN 0-89079-863-X.
- Helm-Estabrooks, N. & Albert, M.L. (2004). *Manual of Aphasia and Aphasia Therapy*. (2nd Edition). Austin, TX: PRO-ED, Inc. ISBN 978-0-890-79963-5.
- Hixon, T., Weismer, G., & Hoit, J. (2008). *Preclinical Speech Science: Anatomy, Physiology, Acoustics, Perception*. San Diego, CA: Plural Publishing. ISBN 978-1-59756-182-2.
- Hoff, E. (2009). *Language Development*. (4th Edition). Florence, KY: Wadsworth Publishing. ISBN 978-0-495-50171-8.
- Johnson, A.F., & Jacobson, B.H. (2007). *Medical Speech-Language Pathology: A Practitioner's Guide* (2nd Edition). New York, NY: Thieme. ISBN 978-1-588-90320-6.

- Kummer, A.W. (2013). *Cleft Palate & Craniofacial Anomalies, Effects on Speech and Resonance*. (3rd Edition). San Diego, CA: Singular. ISBN 1-41801-547-4.
- Leonard, R. & Kendall, K. (2007). *Dysphagia Assessment and Treatment Planning: A Team Approach*. (2nd Edition). San Diego, CA: Plural Publishing. ISBN 978-1-59756-153-2.
- Logemann, J.A. (1998). *Evaluation and Treatment of Swallowing Disorders*. (2nd Edition). Austin, TX: PRO-ED, Inc. ISBN 0-89079-728-5.
- Luterman, D.M. (2009). *Counseling Persons with Communication Disorders and Their Families*. (5th Edition). Austin, TX: PRO-ED, Inc. ISBN 978-1-416-40369-2.
- Manning, W.H. (2010). *Clinical Decision Making in Fluency Disorders*. (3rd Edition). San Diego, CA: Singular. ISBN 978-1-418-06730-4.
- Martin, F.H. & Clark, J.G. (2009). *An Introduction to Audiology*. (10th Edition). Boston, MA: Allyn & Bacon. ISBN 0-205-59311-9.
- Murray, L.L. & Clark, H.M. (2006). *Neurogenic Disorders of Language: Theory Driven Clinical Practice*. Boston, MA: Allyn & Bacon. ISBN 1-56593-703-1.
- Northern, J.L. & Downs, M.P. (2001). *Hearing in Children*. (5th Edition). Baltimore, MD: Lippincott, Williams & Wilkins. ISBN 0-683-30764-9.
- Owens Jr., R.E. (2008). *Language Development: An Introduction*. (7th Edition). Boston, MA: Allyn & Bacon. ISBN 0-205-52556-3.
- Paul, R. & Norbury, C. (2012). *Language Disorders from Infancy through Adolescence: Listening, Speaking, Reading, & Communicating*. (4th Edition). St. Louis, MO: Elsevier. ISBN 978-0-323-07184-0.
- Peterson-Falzone, S.J., Hardin-Jones, M.A. & Karnell, M.P. (2010). *Cleft Palate Speech*. (4th Edition). St. Louis, MO: Mosby. ISBN 978-0-323-04882-8.
- Plante, E.M. & Beeson, P.M. (2007). *Communication and Communication Disorders: A Clinical Introduction*. (3rd Edition). Boston, MA: Allyn & Bacon. ISBN 978-0-205-53209-4.
- Schiavetti, N., Metz, D.E., & Orlikoff, R.F. (2011). *Evaluating Research in Communicative Disorders*. (6th Edition). Boston, MA: Allyn & Bacon. ISBN 978-0-137-15155-4.
- Shadden, B.B. & Toner, M.A. (1997). *Aging and Communication: For Clinicians by Clinicians*. Austin, TX: PRO-ED, Inc. ISBN 0-89079-711-0.
- Shriberg, L.D. & Kent, R.D. (2012). *Clinical Phonetics*. (4th Edition). Boston, MA: Pearson Education. ISBN 978-0-137-02106-2.
- Speech-Language & Audiology Canada. (2005). *Code of Ethics*. Speech-Language & Audiology Canada. (<http://sac-oac.ca/sites/default/files/resources/code%20of%20ethics.pdf>).
- Yairi, E. & Ambrose, N.G. (2004). *Early Childhood Stuttering: For Clinicians by Clinicians*. Austin, TX: PRO-ED, Inc. ISBN 978-0-890-79985-7.
- Yorkston, K.M., Beukelman, D.R., Strand, E.A. & Hakel, M. (2010). *Management of Motor Speech Disorders in Children and Adults*. (3rd Edition). Austin, TX: PRO-ED, Inc. ISBN 978-1-416-40434-7.

NOTE:

This handout of “suggested references” represents a listing of basic speech-language pathology text books covering fundamental topics itemized in the “Assessing and Certifying Clinical Competency Foundations of Clinical Practice for Audiology and Speech-Language Pathology (2004)” (<http://sac-oac.ca/sites/default/files/resources/AssessingandCertifyingClinicalCompetency.pdf>). This is not a comprehensive listing and examination questions may be derived from other sources. Peer reviewed journals and conference proceedings are considered acceptable sources as they may contain more updated information related to specific topics. These documents should be read and interpreted with appropriate judgment. Suggested speech pathology journals and proceedings are CJSLPA and ASHA journals.

POLICY

AREA: STANDARDS

SUBJECT: APPEAL OF CLINICAL CERTIFICATION EXAMINATION FAILURE

DEFINITIONS:

In this Appeal of Clinical Certification Examination Failure Policy

- a) **“Appellant”** means any person who lodges an appeal to Speech-Language and Audiology Canada.
- b) **“Business Day”** means any day other than a Saturday, a Sunday or a statutory holiday.
- c) **“Standards and Ethics Committee”** means the Standards and Ethics Committee as defined in the Terms of Reference for Committees.
- d) **“Teleconference Review”** means a Standards and Ethics Committee teleconference review of an appeal without the appellant present.
- e) **“Teleconference Hearing”** means a Standards and Ethics Committee teleconference review of an appeal with the Appellant present.

POLICY:

An exam candidate may appeal their failure on the Speech-Language and Audiology Canada clinical certification examination by sending a letter by registered mail to the Speech-Language and Audiology Canada office, Attention: Chief Executive Officer, to be postmarked no later than 30 Business Days after the date of the letter of clinical certification examination failure, with applicable fees as outlined in the Clinical Certification Examination Application and Information Package. The Standards and Ethics Committee will handle all appeals for clinical certification examination failure.

Powers of the Standards and Ethics Committee when reviewing appeals

After a Standards and Ethics Committee teleconference review of the appeal submission and/or a teleconference hearing (see above), the Standards and Ethics Committee may do one or more of the following:

- a) Confirm the results of the clinical certification examination after consultation with the marking authority. Under no circumstances will the Standards and Ethics Committee alter the score, unless there has been an error made by the marking authority.
- b) Permit the candidate to rewrite the clinical certification examination without cost and/or penalty.

Cross Reference: Eligibility to Write the Speech-Language and Audiology Canada Clinical Certification Examination Policy
 Invigilation of the Speech-Language and Audiology Canada Clinical Certification Examinations Policy
 Rewriting of the Speech-Language and Audiology Canada Clinical Certification Examinations Policy

DATE POLICY APPROVED:	May 7, 2003
DATE LAST REVISED:	May 3, 2005, November 25, 2005, September 30, 2006, May 8, 2012 effective April 15, 2012, July 21, 2015



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 Ottawa, ON K1N 7B7
 (613) 567-9968 / (800) 259 8519
 Fax: (613) 567-2859
certification@sac-oac.ca

Application for the SAC Clinical Certification Examination

- Ms.
- Miss
- Mr.
- Mrs.

 Last Name First Name Middle Initial

Exam Date: _____

Payment must accompany this application and must reach SAC before the exam application deadline.

Application Deadlines: Spring Exam – January 31
 Fall Exam – June 30

Changes to the information reported in this application must be submitted to SAC in writing by fax, e-mail or mail.

Designated Sites:

Alberta Calgary Edmonton	Manitoba Winnipeg	Newfoundland St. John's	Northwest Territories Yellowknife	Prince Edward Island Charlottetown	Saskatchewan Regina
British Columbia Vancouver	New Brunswick Moncton	Nova Scotia Halifax	Ontario London Ottawa Toronto	Quebec Montreal Quebec City	Yukon Whitehorse

Please complete ALL the information. You must submit the Permission for Disclosure form with this application.

In which city & province do you wish to write the exam?	City:	Province:
In which profession are you writing your exam?	<input type="checkbox"/> S-LP	<input type="checkbox"/> Aud
Are you writing the exam in English or French?	<input type="checkbox"/> English	<input type="checkbox"/> French
Do you require copies of the exam in both languages?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is this your first attempt?	<input type="checkbox"/> Yes	<input type="checkbox"/> No If No, what year(s)?
Are you a current SAC member/associate?	<input type="checkbox"/> Yes	<input type="checkbox"/> No SAC ID:
What university did you attend? (If outside Canada, please list location):		
What is the title of your degree?		
What is the date of your convocation? (Month & Year):		

Permanent Address: (Where all mailings will definitely reach you.)	Alternate Address: (Use this address only if providing "valid from/valid until" dates below)
Apartment # Street Address/PO Box	Apartment # Street Address/PO Box
City Province Postal Code	City Province Postal Code
Home Phone Daytime Phone (if different)	Home Phone Daytime Phone (if different)
E-mail Address	E-mail Address
This mailing is valid From: To:	

	Fees: All Canadian designated sites : \$1,050.00 (see list in designated sites above) All non-designated sites : \$1,250.00 (Canadian and International)
	Enclosed payment for the exam is being made by: <input type="checkbox"/> Visa <input type="checkbox"/> MC <input type="checkbox"/> Cheque <input type="checkbox"/> Money Order
	# # /
	Credit Card or Cheque Number Credit Card Security Code (3 digits on back of credit card) Amount Credit Card Expiry or Date of Cheque
Signature Date	SAC Office Use Only SAC ID# and Membership Status



PERMISSION FOR DISCLOSURE

I, _____, hereby give permission to:
Please print name

to release the following information

for the _____ SAC Clinical Certification Examination:
Examination Date

results of this **SAC Clinical Certification Examination**.

CSHHPBC registrants only:

confirmation that I have registered to write this **SAC Clinical Certification Examination**.

to:

Please complete all the information

Regulatory Body: _____

Street Address: _____

City, Province Postal Code: _____

Exam Candidate Signature

Date

Please submit to:

Email: certification@sac-oac.ca

Fax: 613-257-2859