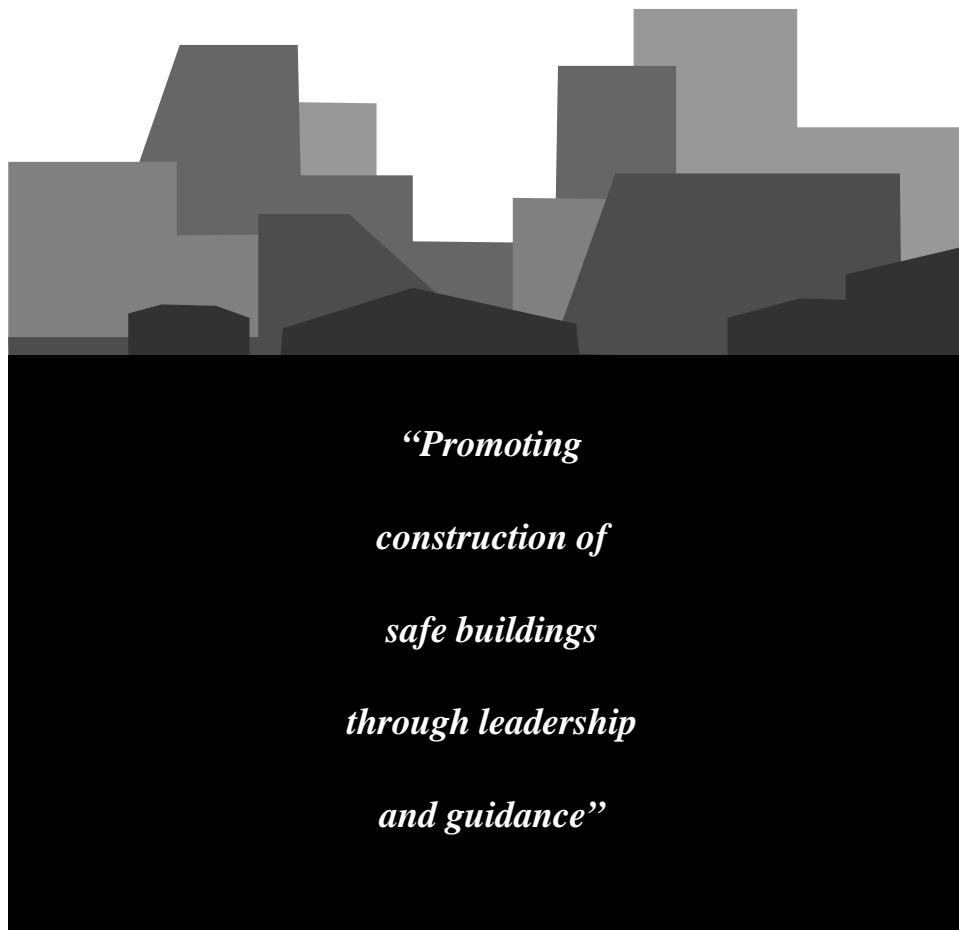




Saskatchewan
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Building
Standards

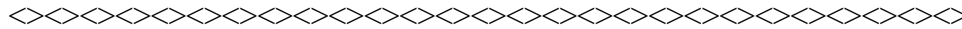
Reference Syllabus for Candidates -- Building Official Examinations



*“Promoting
construction of
safe buildings
through leadership
and guidance”*

Building Official Examinations

Examinations for all classes of building official licences are administered for Saskatchewan Municipal Government by the Southeast Regional College located in Weyburn, Saskatchewan. The College accepts examination applications, and prepares and marks the examinations. **(Applications for licences must be made to Saskatchewan Municipal Government, Building Standards.)**

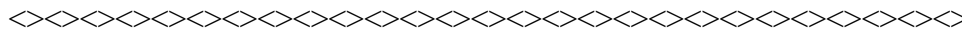


General

All parts of an examination for each class of building official licence must be written on the same day. The location and date for writing an examination is chosen by each candidate.

The candidate for a building official examination must apply in writing to the College on the form provided by the College. (A pull-out copy of the application form is included at the centre of this syllabus.) An application must be submitted at least 30 days before a requested examination date.

Prior to application, the candidate must select the location and date for the examination and make suitable arrangements with the invigilator (examination supervisor). Approved writing centres (post secondary learning institutions) are listed on the back of the application form. Examinations may be written in Regina and invigilated by Building Standards personnel or the College twice per year, on the last Wednesday in February and the last Wednesday in September.



The Examination

The examination must be written on the day and time scheduled. The candidate shall notify the College and the invigilator of their inability to attend the scheduled examination. If the College is notified in sufficient time to re-schedule the examination, the examination fee may be applied to the rescheduled examination at the discretion of the College. The candidate may be charged the invigilator fee due as if the examination

writing had occurred, at the discretion of the invigilator. The examination fee is non-refundable, but may be applied to a re-scheduled examination, at the discretion of the College.

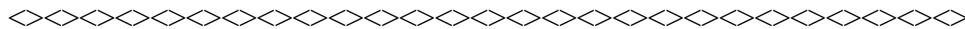
The candidate who arrives late for the examination may or may not be admitted for the examination and may or may not be permitted to write the examination, at the discretion of the invigilator. If the candidate is permitted to write the examination, the candidate will only be allowed the remainder of the scheduled time in which to complete the examination unless otherwise permitted by the invigilator.

Upon arrival at the examination room, the candidate may be asked to produce identification acceptable to the invigilator (such as a driver's licence), to assure the invigilator of their identity.

The candidate may bring to the examination a copy of *The Uniform Building and Accessibility Standards Act* (the UBAS Act), any regulations made pursuant to the Act, the National Building Code of Canada (NBC), any documents or standards which are referenced by the NBC, a calculator, pens, pencils, erasers, and scratch pads. The candidate must ask before the examination for the invigilator's approval to use any other similar material. The invigilator's decision about whether the candidate may use the material is final. The candidate who, during an examination, refers to material that has not been first approved by the invigilator may be disqualified.

Any incident of possible misconduct by the candidate will be reported to the College by the invigilator.

The candidate shall, on completion of the examination or any part of it, surrender to the invigilator all papers used in the examination, including scrap or scribble paper. Any candidate who removes, or copies with intent to remove, from the examination room any questions given in the examination may be disqualified.

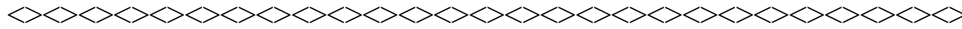


Passing Grade

The passing grade for an examination is 80%. The grade is based on the total of the parts, not on each part separately. The candidate will receive written notification of the grade achieved from the College approximately

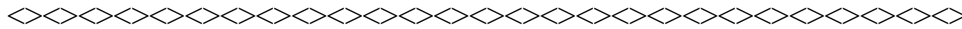
two weeks after the examination. An examination may be re-marked if the candidate requests a re-marking and pays the re-marking fee.

The candidate who fails to receive 80% or more of the total marks allotted for a class examination is not entitled to be examined for the same class examination again within 3 months after the date of writing the examination.



Fees

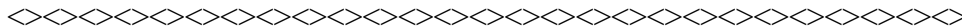
Examination fees and re-marking fees are set by and paid to the College. When examinations require the services of an invigilator, the candidate is responsible for payment of the invigilator in addition to the costs of examination fees. If an examination session is conducted by Building Standards, there will be no invigilator costs.



Records

Transcripts of examination marks are available only to the individual candidate, or upon written approval of the candidate, by contacting the College.

Southeast Regional College
Weyburn District Office
P.O. Box 2003
Weyburn, Saskatchewan S4H 2Z9
Telephone (306) 848-2505 Fax (306) 848-2517



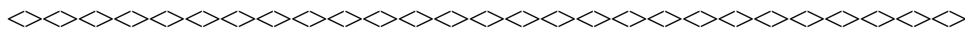
Preparation for the Examination

A general description of the material that will be covered in each class examination is listed in the following pages.

The candidate is not required to complete specific courses prior to writing

a building official examination. However, success with the examinations requires a broad educational background and/or considerable experience in the construction industry. Building code knowledge can be obtained by study of the code, courses of self study, review of related texts and publications, attendance at seminars, and/or completion of technical training programs. Experience in inspection and construction occupations will provide the practical knowledge related to application of the building code requirements.

For more information about the course “Building Code Training for Canadians – Series I 1995,” please contact the Southeast Regional College.



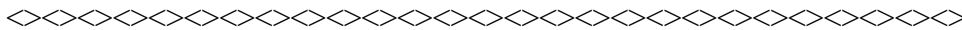
Building Official Class 1 Examination

The examination for a Building Official Class 1 licence will consist of questions relating to *The Uniform Building and Accessibility Standards Act* (the UBAS Act), regulations pursuant to the UBAS Act, and provisions of the National Building Code of Canada (NBC) respecting residential buildings that contain one or two dwelling units. The examination is in 3 parts with 90 minutes allowed for each part.

In addition to questions about the UBAS Act and regulations, the following is a list of the sections of the NBC that may be tested on the Building Official Class 1 examination. Questions related to general construction practices and/or construction theories may also be included in the examination.

Section 9.2	Definitions
Section 9.3	Materials, Systems and Equipment
Section 9.4	Structural Requirements
Section 9.5	Design of Areas and Spaces
Section 9.6	Doors
Section 9.7	Windows and Skylights
Section 9.8	Stairs, Ramps, Handrails and Guards
Subsection 9.9.9	Egress from Dwelling Units

Section 9.10	Fire Protection (only items which apply to dwellings units)
Section 9.11	Sound Control
Section 9.12	Excavation
Section 9.13	Dampproofing, Waterproofing and Soil Gas Control
Section 9.14	Drainage
Section 9.15	Footings and Foundations
Section 9.16	Floors-on-Ground
Section 9.17	Columns
Section 9.18	Crawl Spaces
Section 9.19	Roof Spaces
Section 9.20	Above-Grade Masonry
Section 9.21	Chimneys and Flues
Section 9.22	Fireplaces
Section 9.23	Wood-Frame Construction
Section 9.25	Heat Transfer, Air Leakage and Condensation Control
Section 9.26	Roofing
Section 9.27	Cladding
Section 9.28	Stucco
Section 9.29	Interior Wall and Ceiling Finishes
Section 9.30	Flooring
Section 9.31	Plumbing Facilities
Section 9.32	Ventilation
Section 9.33	Heating and Air-Conditioning
Section 9.34	Electrical Facilities
Section 9.35	Garages and Carports



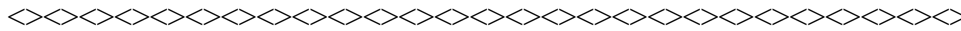
Building Official Class 2 Examination

The examination for a Building Official Class 2 licence will consist of questions relating to *The Uniform Building and Accessibility Standards Act* (the UBAS Act), regulations pursuant to the UBAS Act, and provisions of the National Building Code of Canada (NBC) respecting buildings that are within the scope of Part 9 of the NBC other than buildings that contain one or two dwelling units. The examination will be in 4 parts with 75 minutes allowed for each part.

In addition to questions about the UBAS Act and regulations, the following is a list of the sections of the NBC that may be tested on the Building Official Class 2 examination. Questions related to general construction practices and/or construction theories may also be included in the examination.

Section 1.1	General
Section 2.1	Application
Section 2.2	Climatic Data
Section 2.3	Plans, Specifications and Calculations
Section 2.4	Materials, Appliances, Systems and Equipment
Section 2.5	Equivalents
Section 2.6	Review
Section 2.7	Referenced Documents
Section 3.8	Barrier-Free Design
Subsection 4.1.1.	General
Section 7.1	General
Section 8.1	General
Section 8.2	Protection of the Public and Fire Safety
Section 9.1	General
Section 9.2	Definitions
Section 9.3	Materials, Systems and Equipment
Section 9.4	Structural Requirements
Section 9.5	Design of Areas and Spaces
Subsection 9.7.5.	Protection of Windows in Public Areas

- Subsection 9.8.6. Pedestrian Ramps
- Section 9.9 Means of Egress
- Section 9.10 Fire Protection
- Subsection 9.11.2. Required Sound Control Locations (Airborne Sound)
- Section 9.24 Sheet Steel Stud Wall Framing
- Subsection 9.34.2. Lighting Outlets
- Subsection 9.34.3. Emergency Lighting



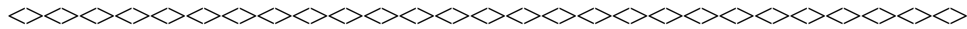
Building Official Class 3 Examination

The examination for a Building Official Class 3 licence will consist of questions relating to *The Uniform Building and Accessibility Standards Act* (the UBAS Act), regulations pursuant to the UBAS Act, and provisions of the National Building Code of Canada (NBC) respecting buildings that are within the scope of the NBC, with the focus on buildings within the scope of Part 3 of the Code. The examination will be in 4 parts with 90 minutes allowed for each part.

In addition to questions about the UBAS Act and regulations, the following is a list of the sections of the NBC that may be tested on the Building Official Class 3 examination. Questions related to general construction practices and/or construction theories may also be included in the examination.

- Section 3.1 General
- Section 3.2 Building Fire Safety
- Section 3.3 Safety within Floor Areas
- Section 3.4 Exits
- Section 3.5 Vertical Transportation
- Section 3.6 Service Facilities
- Section 3.7 Health Requirements
- Section 4.1 Structural Loads and Procedures
- Section 4.2 Foundations
- Section 4.3 Design Requirements for Structural Materials

Section 4.4	Design Requirements for Special Structures
Section 5.1	General
Section 5.2	Loads and Procedures
Section 5.3	Heat Transfer
Section 5.4	Air Leakage
Section 5.5	Vapour Diffusion
Section 5.6	Precipitation
Section 5.7	Surface Water
Section 5.8	Moisture in the Ground
Section 6.1	General
Section 6.2	Design and Installation
Section 6.3	Chimneys and Venting Equipment



May 1997

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Saskatchewan Municipal Government
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