

# McGill University.

SESSIONAL EXAMINATIONS, 1922-23.

REPORT OF THE

## Faculty of Applied Science.

Honours in the Graduating Class, Medals, Certificates and Prizes as follows:—

(Names in alphabetical order.)

- Ambridge, Douglas White—Honours in Chemical Engineering.  
Buffam, Basil Scott Whyte—Honours in Geology.  
Buller, Francis Hamilton—British Association Medal; Honours in Electrical Engineering.  
Cregeen, Kenneth Thomas—Undergraduates' Society's First Prize for Summer Essay; Honours in Electrical Engineering.  
Culpeper, Bernard Armel—British Association Medal; Honours in Civil Engineering.  
Davidson, Stanley Cecil—Honours in Geology.  
Faith, Willard Vanamber—Research Fellowship in Metallurgical Engineering.  
Finley, Frederick Lovell—Leroy Fellowship in Geology; Honours in Geology.  
Gegg, Richard Conrad—Sir William Dawson Fellowship in Mining; Honours in Mining Engineering.  
Gordon, Harold Cowan Morton—Undergraduates' Society's Third Prize and McCall Prize for Summer Essay; Honours in Mining Engineering.  
Grant, Grainger Stewart—Honours in Geology.  
Layne, John Graham—British Association Medal; Milton Hersey Prize for Summer Essay; Honours in Metallurgical Engineering.  
Lawrence, Frederick Sylvester—Departmental Prize for Summer Essay.  
Legg, Roland Edgar—Douglas Fellowship in Mining.  
McLagan, Thomas Rodgie—Crosby Steam Gauge Co's Prize for Summer Essay.  
McNaughton, Ronald Russell—Honours in Metallurgical Engineering.

- Moore, Reginald Arthur—British Association Medal; Honours in Electrical Engineering.
- Pelletier, René-Arthur—British Association Medal; The Ami Fellowship in Geology; Honours in Geology.
- Perry, Alfred Leslie—British Association Medal; Louis Robertson Prize in Design; Essay Prize; Honours in Architecture.
- Sherwood, Thomas Kilgore—Honours in Chemical Engineering.
- Steacie, Edgar William Richard—British Association Medal; Honours in Chemical Engineering.
- Stephen, Gordon Robert—Departmental Prize for Summer Essay.
- Whittemore, Carl Raymond—Research Fellowship in Metallurgical Engineering.
- Woods, Walter Hamilton—Honours in Mining Engineering.
- Woollcombe, Edward Mickle—British Association Medal; Honours in Mechanical Engineering.
- Yorston, Frederick Harrison—Honours in Chemical Engineering.

PASSED FOR THE DEGREE OF BACHELOR  
OF ARCHITECTURE.

(In order of merit.)

- Perry, Alfred Leslie, Montreal, P.Q.
- Luke, Morley C., Montreal, P.Q.
- Brown, Lawrence Elliott, Ottawa, Ont.
- Morris, Robert Schofield, Jr., Hamilton, Ont.
- Watt, Leslie Alexander, Ste. Anne de Bellevue, P.Q.

*Unranked.*

- Van Etten, Frederick Bouton, Kingston, N.Y., U.S.A.

PASSED FOR THE DEGREE OF BACHELOR  
OF SCIENCE.

IN CHEMICAL ENGINEERING.

(In order of merit.)

- Steacie, Edgar William Richard, Montreal, P.Q.
- Yorston, Frederic Harrison, Montreal, P.Q.
- Sherwood, Thomas K., Montreal, P.Q.
- Ambridge, Douglas White, Mexico City, Mexico.
- Radley, Percy Edward, Ottawa, Ont.
- Read, Douglas Ellery, Sherbrooke, Que.
- Toole, Francis James, London, Eng.

Connell, Gerald P., Ottawa, Ont.  
 Vrooman, Harold William, Walkerville, Ont.  
 Davies, Clarence Bernard, Ottawa, Ont.  
 Stockwell, Aylmer Winchel, St. Johns, P.Q.  
 Desbarats, Harrison Jean, Montreal, P.Q. } equal.  
 Matheson, Arthur Marshall, Ottawa, Ont. }  
 Graham, George Patterson, New Glasgow, N.S.  
 Chorney, Melvin Mendel, Montreal, P.Q.  
 Pangman, John Burnett, Montreal, P.Q.  
 Archibald, Francis Magoun, Wolfville, N.S.  
 Griffith, Thomas Raymond, Montreal, P.Q.  
 Carsley, Samuel Haberer, Montreal, P.Q.  
 Allan, John Maynes, Halifax, N.S.  
 Wetmore, Douglas Stevenson, Truro, N.S.

*Unranked.*

Bown, William Edmund, Sydney, N.S.  
 Irving, George Ewart Logan, Moncton, N.B.  
 Midgley, Russell Edward, Montreal, P.Q.

IN CIVIL ENGINEERING.

(In order of merit.)

Culpeper, Bernard Armel, Belleville, Barbados, B.W.I.  
 Laidley, Wendell Howard, Montreal, P.Q.  
 Eadie, Thomas Wardrope, Ottawa, Ont.  
 McKindsey, Gordon, Lennoxville, P.Q.  
 Lawrence, Frederick Sylvester, Montreal, P.Q.  
 Stephen, Gordon Robert, Montreal, P.Q.  
 Johnson, William James, Lachine, P.Q.  
 Smallhorn, Edward Robert Thomas, Montreal, P.Q.  
 Finlayson, Harold Musgrove, Montreal, P.Q.  
 Crain, George Edwin, Ottawa, Ont.  
 Kelly, James Frederick, Stellarton, N.S.  
 Brisbane, William Gordon, Montreal, P.Q.  
 O'Shaughnessy, Patrick Leo, Newcastle, N.B.  
 Simpson, Albert Edward, Winnipeg, Man.  
 Simpson, Richard Loudon, Montreal, P.Q.  
 Gilbert, Edgar Valentine, Montreal, P.Q.  
 Champion, Cecil Hugh, Chateauguay Basin, P.Q.  
 Harling, Frank Norman, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

Cooper, Paul Emerson, Ottawa, Ont.  
 Mackenzie, William Bigelow, Moncton, N.B.  
 Reid, Howard Edward, Granville Ferry, N.S.

## IN ELECTRICAL ENGINEERING.

(In order of merit.)

Buller, Francis Hamilton, Montreal, P.Q.  
 Moore, Reginald Arthur, Burnaby, B.C.  
 Cregeen, Kenneth Thomas, Montreal, P.Q.  
 Munro, David John Best, Montreal, P.Q.  
 Ross, Malcolm Vaughan, Quebec, P.Q.  
 Hague, Edward Cousins, Montreal, P.Q.  
 Brough, Frank Sheldon, Montreal, P.Q.  
 Oliver, James Harold, Rockburn, P.Q.  
 Grant, Alexander James, Moncton, N.B.  
 Rorke, Charles Burrell, Montreal, P.Q.  
 Abbott-Smith, Henry Bancroft, Montreal, P.Q.  
 Kezar, George Lennox, Ottawa, Ont.  
 Patton, Hugh Bradford, Montreal, P.Q.  
 Dormer, William John Smylie, Lennoxville, P.Q.  
 Smith, Robert Macfie, Moose Jaw, Sask.  
 Armstrong, Arnold Victor, Montreal, P.Q.  
 Jackson, Lawrence Wright, Ottawa, Ont.  
 Elkington, Gerald Erlam, Duncan, B.C.  
 Rochester, Bertram Cole, Ottawa, Ont.  
 Craik, Oliver Stanley, Melburne, P.Q.  
 Deslover, Raymond, Montreal, P.Q.  
 Curtis, Pierson Vivian, St. Johns, Nfld.  
 Antliff, James Cooper, Montreal, P.Q.  
 Smith, Adam Wyndham Simpson, London, Ont.  
 Foster, Frederick Lawton, St. John, N.B.  
 Peters, Arthur Wright, Montreal, P.Q.  
 Goldberg, Harry Julius, Montreal, P.Q.  
 Knapp, Edward Winslow, Sackville, N.B.  
 Dickinson, Albert Godfrey, Vancouver, B.C.  
 Chisholm, Joseph Donald, Antigonish, N.S.  
 Oliver, Cuthbert Jack, New York, N.Y., U.S.A. } equal.  
 Gaudet, Gaston, Valois, P.Q.  
 Ahern, Philip Charles Byrne, Ottawa, Ont.

*Unranked.*

(In alphabetical order.)

Anderson, Dan, Charlottetown, P.E.I.  
 Benett, Charles Morgan, Brantford, Ont.  
 Dalrymple, Edward Ross, Montreal, P.Q.  
 Fleming, Kenneth Eldon, Windsor, Ont.  
 McLennan, Gordon Roderick, Ottawa, Ont.  
 Shier, Bruce Banks, Montreal, P.Q.  
 Spriggs, William, Ste. Anne de Bellevue, P.Q.  
 Terrance, Emmett Howard, Ottawa, Ont.

## IN MECHANICAL ENGINEERING.

(In order of merit.)

Woollcombe, Edward Mickle, Ottawa, Ont.  
 Dewis, Edwin Harold, Shubenacadie, N.S.  
 Harbert, Edward Thomas, Montreal, P.Q.  
 Rainnie, Ronald James, Sackville, N.B.  
 Bloomfield, Jacob, Montreal, P.Q.  
 Webster, Robert Chilion Peter, Ottawa, Ont.  
 Binns, George Frederick, Montreal, P.Q.  
 Blackall, John Fenwick Walker, St. Johns, Nfld.  
 Bell, Alan Stuart, Hamilton, Ont.  
 Timmis, Harold Gordon, Passaic, N.J., U.S.A.  
 Budden, Arthur Napier, Montreal, P.Q.  
 Roquet, Leo Laurent, Ottawa, Ont.  
 McLagan, Thomas Rodgie, Montreal, P.Q. } equal.  
 McLeod, Robert Neil, Montreal, P.Q. }  
 Moran, Taylor Matthew, Ottawa, Ont.  
 Mitchell, George MacGregor, Halifax, N.S.  
 Bown, Charles Roy, Sydney, N.S.  
 Foss, Donald Burrowes, Sherbrooke, P.Q.  
 Steeves, Beverly Hall, Moncton, N.B.  
 Jordan, John Nealon, St. John, N.B.  
 Wylde, Charles Napier, Montreal, P.Q.  
 LeBaron, Karl Shurtleff, Montreal, P.Q.  
 Renouf, Edward Trudeau, Montreal, P.Q.  
 Fagan, James Wilfrid, Montreal, P.Q.  
 McCaw, John Blacklock, Sherbrooke, P.Q.  
 Scott, Lewis John, Grand Falls, Nfld.  
 Scott, James McDonald, Valleyfield, P.Q.  
 MacInnes, Donald Alexander, Montreal, P.Q.  
 Cross, George Esplin, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

Baillie, Donald Arthur, Montreal, P.Q.  
 Bieler, Jacques Louis, Montreal, P.Q.  
 Caldwell, Charles Edward, Brigus, Nfld.  
 Carpenter, Thayer Robinson, Lachute Mills, P.Q.  
 Cuttle, William Gordon, Montreal, P.Q.  
 Elliott, Gerald Burton, Montreal, P.Q.  
 Farnsworth, Arthur Leslie, Cookshire, P.Q.  
 Fry, John Dawson, Montreal, P.Q.  
 MacLaren, Albert Roy, Buckingham, P.Q. (Aegrotat).  
 Powell, Fraser Edwin, Ottawa, Ont.  
 Smith, David Whitney, Montreal, P.Q.  
 Taylor, Clarence Wesley, Carberry, Man.

## IN METALLURGICAL ENGINEERING.

(In order of merit.)

Layne, John Graham, Barbadoes, B.W.I.  
 McNaughton, Ronald Russel, Victoria, B.C.  
 Faith, Willard Vanamber, Winchester, Ont.  
 Kennedy, Neil, Owen Sound, Ont.  
 Turnbull, Andrew Rutherford, Niagara Falls, N.Y., U.S.A.  
 Powell, Allan Trew, Ottawa, Ont.  
 Whittemore, Carl Raymond, Trail, B.C.  
 Davis, William Wallace, Ottawa, Ont.  
 Murphy, Edwin Justin, Montreal, P.Q.  
 Bleau, Alphonse, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

Gamble, Robert Bruce, Ottawa, Ont.  
 Scott, Paul Stuart, Montreal, P.Q.

## IN MINING ENGINEERING.

(In order of merit.)

Pelletier, René Arthur, Montreal, P.Q.  
 Gordon, Harold Cowan Morton, Glace Bay, N.S.  
 Jones, Frederic Howden, Victoria, B.C.  
 Legg, Roland Edward, New Westminster, B.C.

Woods, Walter Hamilton, Victoria, B.C.  
 Gegg, Richard Conrad, Hongkong, China.  
 Grant, Grainger Stewart, Halifax, N.S.  
 Buffam, Basil Scott Whyte, Perth, Ont.  
 Davidson, Stanley Cecil, Montreal, P.Q.  
 Denis, Bertrand Tyrrell, Quebec, P.Q.  
 Finley, Frederick Lovell, Montreal, P.Q.  
 Taschereau, Rogers Harwood, Ottawa, Ont.  
 Bradshaw, Gordon Rothwell, Nelson, B.C.  
 Brodeur, Jean Charles, Ottawa, Ont.  
 O'Heir, Hugh Bingham, Hamilton, Ont.  
 Duff, David Alexander, Harbor Grace, Nfld.

*Unranked.*

(In alphabetical order.)

Davis, Sydney Herbert, Ottawa, Ont.  
 Foss, Lindsay Justin, Montreal, P.Q.

#### FOURTH YEAR.

DEPARTMENT OF ARCHITECTURE.

PRIZE.

Cooper, Hugh Christopher Dunstan—The Anglin-Norcross Prize for Construction.

#### SESSIONAL PASS LIST.

FOURTH YEAR.

IN ARCHITECTURE.

(In order of merit.)

Cooper, Hugh Christopher Dunstan, Truro, England.  
 Amos, Pierre Charles, Montreal, P.Q.  
 Wilson, Percy Roy, Sault Ste. Marie, Ont.  
 MacLeod, Alexander Norman, New Waterford, N.S.

#### THIRD YEAR.

PRIZES.

(In alphabetical order.)

Becking, John Albert—J. M. McCarthy Fieldwork Prize.  
 Benjamin, Abraham—Prize for Summer Essay.  
 Buzzell, Henry Walter—J. M. McCarthy Fieldwork Prize.

Darling, Arthur Balfour—British Association Prize for Strength of Materials and Mechanics.

Richardson, Roderick McDougald—British Association Exhibition for Strength of Materials and Mechanics.

### THIRD YEAR.

#### IN ARCHITECTURE.

(In order of merit.)

Consiglio, Franco, Montreal, P.Q.

Robertson, Hugh Douglas, Hamilton, Ont.

\*Hunter, Piercy Starkey, Montreal, P.Q.

#### IN CHEMICAL ENGINEERING.

(In order of merit.)

Barnes, William Howard, Montreal, P.Q.

Manson, Francis St. Clair, Montreal, P.Q.

Matheson, George Lawrence, Ottawa, Ont.

\*Taylor, John Albert, Halifax, N.S.

\*Rochester, William Lawrence, Ottawa, Ont.

\*MacDonald, John, Sydney Mines, N.S.

\*Stockwell, Henry P., Stanstead, P.Q.

\*Higgerty, Henry Bradley, Ottawa, Ont.

\*Ridout, Andrew Maurice, Montreal, P.Q.

\*Creery, Kenneth Andrew, Vancouver, B.C.

#### *Unranked.*

(In alphabetical order.)

Mitchell, James Murray, Montreal, P.Q.

Williams, Sydney Waldron, Quebec, P.Q.

#### IN CIVIL ENGINEERING.

(In order of merit.)

Shaw, Gerald Edison, Windsor, Ont.

Delcellier, Henry Aimé, Montreal, P.Q.

\*Campbell, Alexander, Winnipeg, Man.

Darling, Arthur Balfour, Montreal, P.Q.

James, Arthur Lorne, Montreal, P.Q.

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\*Conditional upon passing supplemental examinations.



- \*Buzzell, Henry Walter, Abbotsford, P.Q.
- \*Campbell, Frank Robinson, New Denver, B.C.
- \*Finlayson, Archie Wallace, Montreal, P.Q.
- \*Maxwell, Edward Gerrard, Halifax, N.S.
- \*Reaper, Clarence Paul, Montreal, P.Q.
- \*Wickwire, James Leander, Kentville, N.S.
- \*Ogilvy, Robert Forrest, Hamilton, Ont.
- \*Stethem, John Eric Holt, Montreal, P.Q.
- \*O'Brien, Edson Minto, Noël, N.S.
- \*Andrews, Donald Cochrane, Montreal, P.Q.
- \*Forbes, Robert Clarence, Montreal, P.Q.
- \*Mitchell, Wallace Murray, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

- Cox, Leonard Gordon, Ottawa, Ont.
- \*Hamel, Albert, Three Rivers, P.Q.
- Morin, Charles Auguste, Montreal, P.Q.
- Plow, Gordon Locklin, Montreal, P.Q.
- Spriggs, Robert Hayward, Ste. Anne de Bellevue, P.Q.

IN ELECTRICAL ENGINEERING.

(In order of merit.)

- Richardson, Roderick McDougald, Westville, N.S.
- Howes, Fred Stanley, Windsor, Ont.
- Wood, Robert, Montreal, P.Q.
- \*Shlakman, Victor, Montreal, P.Q.
- Benjamin, Abraham, Montreal, P.Q.
- Borden, Douglas Clare, Pugwash, N.S.
- Phipps, Charles Ferdinand, Vancouver Island, B.C.
- Pringle, John Buchanan, Montreal, P.Q.
- Furness, George Winston, Vernon, P.E.I.
- Finlayson, Stuart Milner, Montreal, P.Q.
- Leslie, Angus Ogilvie, Montreal, P.Q.
- \*Farmer, Eric Westover, St. Therese, P.Q.
- \*Gravel, Arthur-Lafayette, Montreal, P.Q.
- Malone, Michael Patrick, Montreal, P.Q.
- \*Douglas, Percy Livingston, Montreal, P.Q.
- Ashby, Reginald Beale, Montreal, P.Q.
- \*Watson, William, St. Johns, Nfld.

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\*Conditional upon passing supplemental examinations.

- \*Warren, William Adalbert, Lachine, P.Q.
- \*Gillet, George Herbert, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

- Bishop, John Gordon, Cupids, Nfld.
- Cleveland, Harry Roland, Danville, P.Q.
- \*Geddes, Lloyd Fulton, Great Village, N.S.
- Horsey, Richard Mountstephen, Montreal, P.Q.
- McCracken, Elmer Gordon, Huntingdon, P.Q.
- Mills, Charles Perkins, Ottawa, Ont.
- Smith, Archie Ewart, Brandon, Man.

IN MECHANICAL ENGINEERING.

(In order of merit.)

- Dick, George McKinstry, Sherbrooke, P.Q.
- Lanctot, Raymond, Montreal, P.Q.
- McCall, Alan Drummond, Montreal, P.Q.
- Stewart, Donald Laughlin, Dunvegan, Ont.
- \*Kaye, John Robert, Halifax, N.S.
- \*Loomis, Dan McKay, Montreal, P.Q.
- \*Foy, Albert Joseph, Montreal, P.Q.
- \*Findlay, William Fraser, Carleton Place, Ont.
- \*Trenholme, George Henry, Montreal, P.Q.
- \*Fairbairn, John Macfarlane, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

- Black, Hugh Murray, Windsor, N.S.
- Holden, John Hastie, Montreal, P.Q.
- Maclaren, Alexander Barnet, Buckingham, P.Q.
- Macrae, Donald, Montreal, P.Q.
- Malone, William Harcourt, Montreal, P.Q.
- Tucker, Bryant Burgess, Chulmleigh, Devon, England.
- Velasco, Edward Marmanillo, Montreal, P.Q.

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\*Conditional upon passing supplemental examination.

## IN METALLURGICAL ENGINEERING.

(In order of merit.)

- Sweny, George William, Victoria, B.C.  
 \*Foggo, Norman Oliphant Macaulay, Vancouver, B.C.  
 \*Farnworth, George Jarvis, Montreal, P.Q.  
 \*Kent, Archibald David, Tatamagouche, N.S.

## IN MINING ENGINEERING.

(In order of merit.)

- Becking, John Albert, Sault St. Marie, Ont.  
 Cochran, Thomas Patrick, Torquay, England.  
 Muir, Allan Kenneth, Burford, Ont.  
 \*Gordon, Charles Howard, Montreal, P.Q.  
 \*Ferguson, William Patterson, Ottawa, Ont.  
 \*Hayes, Roland Earle, Ottawa, Ont.  
 \*Osler, Philip Featherstone, Toronto, Ont.  
 \*Holland, Edwin, Leamington Spa, England.  
 \*Wilson, Harold Stockdale, Indian Head, Sask.  
 \*Lane, Wilfred LeMesurier, Calgary, Alta.  
 \*Cave, Allister Edward, St. John's, Nfld.  
 \*Duchemin, Ernest Parker, Sydney, N.S.

*Unranked.*

(In alphabetical order.)

- Jerrom, Cyril Lewis, Cornwall, Ont.  
 Streadwick, Ralph Darrell St. George, Jamaica, B.W.I.  
 \*Snyder, Earl, St. Jacobs, Ont.

## SECOND YEAR.

## PRIZES.

(In alphabetical order.)

- Balleny, James Lister—Second Prize for Mathematics and Mechanics.  
 Eve, Frank Norman—Third Prize for Mathematics and Mechanics.  
 Mills, Andrew Kaye—The Anglin-Norcross Prize in Architectural  
 Drawing.  
 Watson, Edmond Evelyn—First Prize for Mathematics and  
 Mechanics.

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\*Conditional upon passing supplemental examination.

## SESSIONAL PASS LIST.

## IN ARCHITECTURE.

(In order of merit.)

\*Wallace, Arthur William, Hamilton, Ont.

\*Mills, Andrew Kaye, Ottawa, Ont.

*Unranked.*

Bouillon, Ernest Linden, Paspabiac P.Q.

## IN CHEMISTRY.

Schleifstein, Montague Lawrence, Montreal, P.Q.

## OTHER COURSES.

(In order of merit.)

Chabot Arthur John, Montreal, P.Q.

Eve, Frank Maxwell, Richmond, Surrey, England.

Baily, Francis Arthur Albert, Montreal, P.Q.

Balleny, James Lister, Grand Falls, Nfld.

Riva, Ronald Herrick, Montreal, P.Q.

Lane, Cecil Taverner, Montreal, P.Q.

Sharples, William Henry, Montreal, P.Q.

Shortall, Wilbert Joseph, Montreal, P.Q.

Gilmour, William Alexander Turner, Hamilton, Ont.

\*Granik, Abraham, Montreal, P.Q.

Wood, James, Victoria, B.C.

Hovey, Lindsay Mansur, Winnipeg, Man.

\*Farrar, Norman, Melbourne, P.Q.

Conner, Gordon Myron, Sherbrooke, P.Q. } equal.

Malone, Willis Peyton, Montreal, P.Q.

Prudham, William Merrill, Drayton, Ont.

Abbott, Arthur Caldwell, Montreal, P.Q.

\*Greenberg, Harry, Montreal, P.Q.

Ree, Alexander, New Westminster, B.C. } equal.

Ellis, David Hepburn, St. John's, Nfld.

McMaster, Francis White, Montreal, P.Q.

\*Watson, Edmond Evelyn, Jamaica, B.W.I.

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\*Conditional upon passing supplemental examinations.

- Low, S. Ernest, Ottawa, Ont. } equal.  
 \*Lévêque, André Jean, Montreal, P.Q. }  
 Fairbanks, Archibald Graham, Montreal, P.Q.  
 \*Bartlett, John Frederick, Ottawa, Ont.  
 Hopper, Ronald Victor, Ottawa, Ont.  
 Halpenny, Merle Benjamin, Montreal, P.Q.  
 \*Mills, Cecil Gordon, Montreal, P.Q.  
 Rolleston, Phillip Reginald, Essequibo, British Guiana.  
 Graham, Walter White, Montreal, P.Q.  
 \*Merritt, Gerald M., Montreal, P.Q.  
 \*Gordon, John, Montreal, P.Q.  
 Hyman, Howard Davison, Montreal, P.Q.  
 \*Potter, Gabriel Julian Clement, Dominica, B.W.I.  
 \*Wardleworth, Theophilus Hatton, Montreal, P.Q.  
 McNab, Archibald Hubert, Waldo, B.C.  
 \*Partridge, Sydney Charles, Ottawa, Ont.  
 Paterson, Alexander Pierce, Jr., St. John, N.B.  
 \*Chalker, Chauncey Richard, St. John's, Nfld.  
 \*Anson, Clement Matthew, Manley, Australia.  
 \*James, Harold Thomas, Ottawa, Ont.  
 \*Miller, John James Hutchison, Montreal, P.Q.  
 \*Stevens, Walter Oscar, Winnipeg, Man.  
 \*Murray, John William, Montreal, P.Q.  
 \*Sharpe, James MacDonald, Montreal, P.Q.  
 \*Ross, Hugh Gordon, Ottawa, Ont.  
 \*Smith, Donald Flannery, Sutton, P.Q.  
 Logan, Robert Samuel, Montreal, P.Q.  
 \*Pinhey, Wilbur Harris, Ottawa, Ont.  
 \*Pitt, William Jr., Santiago, Cuba, W. I.  
 \*Dingman, Robert Eric, Toronto, Ont.  
 \*Napier, Charles Edward, Montreal, P.Q.

*Unranked.*

(In alphabetical order.)

- Addie, Donald Kyle, Quebec, P.Q.  
 Bailey, Loring Withall, Quebec, P.Q.  
 Brumell, John Hunter, Buckingham, P.Q.  
 Burroughs, Reginald William Nelson, Montreal, P.Q.  
 de Salaberry, Bernard, Ottawa, Ont.  
 Dineen, Matthew Henry, Montreal, P.Q.

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\*Conditional upon passing supplemental examinations.

Donohue, Edward William, Montreal, P.Q.  
 Farrell, Alfred James, Montreal, P.Q.  
 Fotheringham, Jack Popham, Ottawa, Ont.  
 Goodall, Ernest Lorne, Ottawa, Ont.  
 Kingsmill, Walter Juchereau, Ottawa, Ont.  
 Kirschberg, Arthur A., Montreal, P.Q.  
 MacGillis, Lester, Lancaster, Ont.  
 McLaren, Leo Gerard, St. Michel, P.Q.  
 Miller, Arthur Pirie, Montreal, P.Q.  
 Munro, Gordon Hugh, Peterboro, Ont.  
 Rumpel, George Hilborn, Kitchener, Ont.  
 \*Seale, Milton, Montreal, P.Q.  
 Stirling, Laurie Brodie, Montreal, P.Q.  
 Woolsey, George Roy, Thetford Mines W., P.Q.

### FIRST YEAR

#### PRIZES.

(In alphabetical order.)

Bremner, Douglas Orrin—Honourable Mention for Mathematics, Descriptive Geometry and Physics.  
 Mules, Nathan Ernest—Second Prize for Mathematics, Descriptive Geometry and Physics.  
 Young, John Melvin—First Prize for Mathematics, Descriptive Geometry and Physics.  
 Winter, Francis Edward—Scott Exhibition for Mathematics, Descriptive Geometry and Physics.

### FIRST YEAR

#### SESSIONAL PASS LIST.

##### IN ARCHITECTURE.

(In order of merit.)

Perry, Reginald Selby, Montreal, P.Q.  
 Gardner, Edwin Alexander, Ottawa, Ont.  
 \*Archibald, Ian Thurston, Montreal, P.Q.

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\*Conditional upon passing supplemental examinations.

## OTHER COURSES.

(In order of merit.)

- Winter, Francis Edward, Montreal, P.Q.  
 Barrett, Richard Ethelred, Galt, Ont.  
 Mules, Nathan Ernest, Montreal, P.Q.  
 Rinfret, Guy Raoul, Shawinigan Falls, P.Q.  
 Young, John Melvin, Montreal, P.Q.  
 Bremner, Douglas Orrin, Montreal, P.Q.  
 Converse, John Douglas, Derby Line, Vt., U.S.A.  
 Wilson, Valentine William Gibson, Montreal, P.Q.  
 Reid, Kenneth, Victoria, B.C.  
 Hutchins, Forbes Meredith, Montreal, P.Q. } equal.  
 Mahony, Hugh Raymond, Montreal, P.Q. }  
 Webster, James Stewart, Ottawa, Ont.  
 \*McClung, Joseph Eldon, Watrous, Sask.  
 Noyes, John Whiting, Montreal, P.Q.  
 Bladon, Leigh Watson, Montreal, P.Q.  
 Hodina, Frank Albert, Montreal, P.Q. } equal.  
 Moore, Meredith Henderson, Montreal, P.Q. }  
 Hearn, James Gabriel, Quebec, P.Q.  
 Crépeau, Louis, Montreal, P.Q.  
 Cooper, Donald Frederick, Montreal, P.Q.  
 Costigan, James Percival McDougall, Montreal, P.Q.  
 Lister, Arthur, Ville St. Pierre, P.Q.  
 Kingston, George Harold, Prescott, Ont.  
 Bryant, James Sanborn, Montreal, P.Q.  
 \*Upton, Harold Samuel, Montreal, P.Q.  
 Darling, James Douglas, Montreal, P.Q. } equal.  
 Tatley, Herbert Baptist, Montreal, P.Q. }  
 \*Craig, Shirley Abbott, Ottawa, Ont.  
 \*McKyes, Shirley Edward, Montreal, P.Q. } equal.  
 \*Nathanson, Max, Montreal, P.Q. }  
 \*Rutherford, James Forest, Montreal, P.Q.  
 Scanlan, Jeremiah René, Montreal, P.Q.  
 \*Mulligan, Henry Iveson, Fort Coulonge, P.Q.  
 \*Hughes, Philip Bernard, Montreal, P.Q.  
 \*Gilletz, Colly, Montreal, P.Q.  
 \*Munro, Donald Scott, Montreal, P.Q.  
 \*Milligan, James Alexander, St. Lambert, P.Q.  
 \*Thériault, Omer Philippe, Montreal, P.Q.  
 \*Henderson, Ian Gordon, Williamstown, Ont.

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\*Conditional upon passing supplemental examinations.

- \*Patterson, Keith William Gordon, Parkstone, Dorset, England.  
 \*Crombie, Harry Normar, Kingsbury, P.Q. } equal.  
 \*Mercier, Maxim James, Montreal, P.Q. }  
 \*Thomson, Richard, Saanichton, B.C.  
 \*Allison, Jesse Graham, Montreal, P.Q.  
 \*Macklin, Rubin Peter, Montreal, P.Q.  
 \*Olver, Albert Stephen, Ottawa, Ont.  
 \*Mace, William Alfred, Montreal, P.Q.  
 \*Fellowes, Norton Alexander, Montreal, P.Q. } equal.  
 \*Hamilton, William Brooks, Montreal, P.Q. }  
 \*Jones, Walter, Montreal, P.Q.  
 \*Baxter, Gordon Bruce, Three Rivers, P.Q.  
 \*Archambault, Jules, Montreal, P.Q. } equal.  
 \*Evans, Thomas Owen, Montreal, P.Q. }  
 \*Heeney, Garden Thomas, Ottawa, Ont.  
 \*Bauman, Bertie Erick Frederick, Buckingham, P.Q.

*Unranked.*

(In alphabetical order.)

- Allcorn, Philip Leslie, Montreal, P.Q.  
 Almond, Lloyd Beemer, Montreal, P.Q.  
 Bedee, Monroe Homer, Shawbridge E., P.Q.  
 Berridge, Winston William, Montreal, P.Q.  
 Bouchard, John Maurice, Montreal, P.Q.  
 Bourne, Austin Herbert, St. Lambert, P.Q.  
 Boyd, David, Lachine, P.Q.  
 Branscombe, Arthur Forrester, Montreal, P.Q.  
 Bromilow, Edmund Grant, Montreal, P.Q.  
 Burland, Benjamin Robins, Ottawa, Ont.  
 Cochran, William Charles, Sidney, B.C.  
 Cottee, Clifford Heatherington Frank, Ottawa, Ont.  
 Couture, Eugene, St. Boniface, Man.  
 Craig, Francis St. Clair, Lachine, P.Q.  
 Cram, Maxwell Albert, Green's Harbour, Nfld.  
 Donnelly, James Henry, Montreal, P.Q.  
 Gray, Donald Alexander, Montreal, P.Q.  
 Gross, Phillip Norcross, Montreal, P.Q.  
 Hambly, Frank Yates, Buckingham, P.Q.  
 Hamilton, Robert McLean Prior, Midvale, Utah, U.S.A.  
 Hooper, William Henry, May, Idaho, U.S.A.  
 Howe, Randolph Walter, Montreal, P.Q.

\*Conditional upon passing supplemental examination.



James, William Albert, Montreal, P.Q.  
 Kyle, Willard Hugh, Montreal, P.Q.  
 McMillan, Ralph Edwin, Montreal, P.Q.  
 McNaughton, Cornelius Harold, Thetford Mines, P.Q.  
 Manville, Alfred Ernest, Prince Albert, Sask.  
 Miller, Julius Leon, Montreal, P.Q.  
 Moore, James Gordon Wurtele, St. John's P.Q.  
 Nelligan, John Bartholomew, Montreal, P.Q.  
 Norton, Irwin Gilbert, Montreal, P.Q.  
 Nutting, Bruce Powell, Ottawa, Ont.  
 Parker, John Bruce, Regina, Sask.  
 Paterson, Donald Kingsley, Westmount, P.Q.  
 Roome, Francis Charles Eckford, Vancouver Island, B.C.  
 Ross, Stewart Hamilton, Stanstead, P.Q.  
 Sladen, Charles Dermot, Billingsbridge, Ont.  
 Smeaton, William Charles Victor, Abbotsford, P.Q.  
 Stewart, Donald, Lakeside, P.Q.  
 Stewart, Hugh Miller, Fernie, B.C.  
 Taylor, Willard Davidson, Ottawa, Ont.  
 Vernot, George Edward, Montreal, P.Q.  
 Vickerson, George Locker, Montreal, P.Q.  
 Warren, Geoffrey McDougal, Penticton, B.C.  
 Whittall, Ralph Lewis, Montreal, P.Q.

## STANDING IN THE SEVERAL SUBJECTS.

### (1) STUDENTS IN ARCHITECTURE.

#### ARCHITECTURAL DESIGN.

*Fifth Year.*—*Class I.*—Perry; Brown and Luke, equal. *Class II.*—Morris and Watt, equal. *Class III.*—None.

*Fourth Year.*—*Class I.*—None. *Class II.*—McLeod and Wilson, equal; Amos and Cooper, equal. *Class III.*—None.

*Third Year.*—*Class I.*—None. *Class II.*—Consiglio and Robertson, equal; Hunter. *Class III.*—None.

*Second Year.*—*Class I.*—None. *Class II.*—Wallace, Mills, Cooke. *Class III.*—None.

## ARCHITECTURAL DRAWING.

- Fourth Year.*—*Class I.*—Cooper. *Class II.*—Amos; MacLeod and Wilson, equal. *Class III.*—None.
- Third Year.*—*Class I.*—None. *Class II.*—Consiglio. *Class III.*—Robertson, Hunter.
- Second Year.*—*Class I.*—Milis. *Class II.*—Cooke and Wallace, equal. *Class III.*—None.
- First Year.*—*Class I.*—Gardner, Perry. *Class II.*—Archibald. *Class III.*—McLelland.

## ARCHITECTURAL ENGINEERING—I.

- Second Year.*—*Class I.*—None. *Class II.*—Mills. *Class III.*—Cooke and Wallace, equal.

## ARCHITECTURAL ENGINEERING—II A.

- Fourth or Third Year.*—*Class I.*—None. *Class II.*—Cooper, Consiglio. *Class III.*—Amos, Robertson; Hunter and Macleod and Wilson, equal.

## ARCHITECTURAL ESSAY.

- Fifth Year.*—*Class I.*—Perry. *Class II.*—Brown; Luke and Morris, equal; Watt. *Class III.*—None.
- Fourth Year.*—*Class I.*—None. *Class II.*—Amos, Wilson, Cooper. *Class III.*—Macleod.
- Third Year.*—*Class I.*—None. *Class II.*—Consiglio, Robertson, Hunter. *Class III.*—None.
- Second Year.*—*Class I.*—Wallace. *Class II.*—None. *Class III.*—Mills, Cooke.

## ARCHITECTURAL GEOMETRY.

- Second Year.*—*Class I.*—None. *Class II.*—Wallace, Cooke. *Class III.*—None.
- First Year.*—*Class I.*—Perry, Gardner. *Class II.*—None. *Class III.*—Archibald.

## BUILDING CONSTRUCTION.

- Second Year.*—*Class I.*—None. *Class II.*—Cooke, Mills. *Class III.*—Wallace.

## BUILDING DETAILS.

*Second Year.*—*Class I.*—Mills. *Class II.*—Wallace. *Class III.*—None.

## ELEMENTS OF ARCHITECTURE.

*First Year.*—*Class I.*—Gardner. *Class II.*—Perry. *Class III.*—Archibald.

## ELEMENTS OF COMPOSITION.

*Second Year.*—*Class I.*—None. *Class II.*—Wallace. *Class III.*—Cooke, Mills.

## ENGINEERING LAW.

*Fifth Year.*—*Class I.*—Perry. *Class II.*—Morris, Snyder, Luke. *Class III.*—Watt, Brown.

## FREEHAND DRAWING.

*Fourth Year.*—*Class I.*—Cooper. *Class II.*—Wilson, Macleod, Amos. *Class III.*—None.

*Third Year.*—*Class I.*—None. *Class II.*—Consiglio, Robertson, Hunter. *Class III.*—None.

*Second Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—Cooke, Wallace, Mills.

*First Year.*—*Class I.*—None. *Class II.*—Gardner, Perry, McLelland. *Class III.*—Archibald.

## HEATING AND VENTILATION.

*Fourth Year.*—*Class I.*—Wilson. *Class II.*—Amos. *Class III.*—Cooper, McLeod.

## HISTORY OF ARCHITECTURE (CLASSIC).

*Second Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—Wallace, Cooke.

## HISTORY (GENERAL).

*First Year.*—*Class I.*—Perry. *Class II.*—None. *Class III.*—Gardner, McLelland.

## HISTORY OF ARCHITECTURE (MEDIAEVAL).

*Fourth or Third Year.*—*Class I.*—Cooper. *Class II.*—Wilson. *Class III.*—Amos, Robertson, Turcotte, Bouillon; Consiglio and Hunter, equal.

## HISTORY OF ARCHITECTURE (MODERN).

*Fifth Year.*—*Class I.*—Perry. *Class II.*—Turcotte, Luke. *Class III.*—Morris, Watt, Brown.

## HISTORICAL DRAWING.

*Fifth Year.*—*Class I.*—None. *Class II.*—Luke and Perry, equal; Morris and Watt, equal. *Class III.*—None.

## HYGIENE.

*Fourth Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—McLeod; Amos and Wilson, equal; Cooper.

## MODELLING.

*Fifth Year.*—*Class I.*—Luke and Morris and Perry and Watt, equal. *Class II.*—None. *Class III.*—None.

*Fourth Year.*—*Class I.*—Cooper, Amos. *Class II.*—McLeod. *Class III.*—Wilson.

## ORNAMENT AND DECORATION (NO. 11).

*Fourth or Third Year.*—*Class I.*—Wilson. *Class II.*—McLeod, Amos. *Class III.*—Cooper, Robertson; Bouillon and Hunter, equal; Consiglio.

## ORNAMENT AND DECORATION (NO. 12).

*Fourth or Third Year.*—*Class I.*—Cooper. *Class II.*—Wilson. *Class III.*—Hunter, Amos, Robertson, McLeod, Consiglio.

## PHYSICS.

*First Year.*—*Class I.*—None. *Class II.*—Gardner. *Class III.*—Archibald; McLelland and Perry, equal.

## PHYSICS LABORATORY.

*First Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—Perry, Archibald; Gardner and McLelland, equal.

## PROFESSIONAL PRACTICE.

*Fifth Year.*—*Class I.*—Perry. *Class II.*—Brown. *Class III.*—Watt, Luke, Morris.

## SUMMER READING AND WORK.

*Fifth Year.*—*Class I.*—Perry. *Class II.*—Luke and Watt, equal; Brown and Morris, equal. *Class III.*—None.

*Fourth Year.*—*Class I.*—Amos; McLeod and Wilson, equal; Bouillon and Cooper, equal. *Class II.*—None. *Class III.*—None.

*Third Year.*—*Class I.*—Shaw. *Class II.*—Hunter. *Class III.*—Consiglio, Robertson.

*Second Year.*—*Class I.*—Wallace. *Class II.*—None. *Class III.*—Mills.

## SUMMER SCHOOL.

*Fourth and Third Years.*—*Class I.*—Perry. *Class II.*—Amos and Cooper, equal; Consiglio and Robertson and Wilson, equal. *Class III.*—None.

## THEORY OF PLANNING.

*Fourth Year.*—*Class I.*—None. *Class II.*—McLeod and Wilson, equal; Amos and Cooper, equal. *Class III.*—None.

## (2) STUDENTS IN OTHER COURSES.

## ACCOUNTING.

*Third Year.*—*Class I.*—Kaye, McCall. *Class II.*—Farrell and Foy, equal. *Class III.*—Kent, Brumell, Burroughs, Ferrabee, Fry, Trenholme; Findlay and Luxton and Starratt, equal.

## APPLICATIONS OF ELECTRICITY.

*Fourth Year.*—*Class I.*—Buller and Moore, equal. *Class II.*—Dormer; Grant (A. J.) and Hague, equal; Elkington; Armstrong and Ross, equal; Abbott-Smith and Rorke, equal; Smith (A. W. S.) and

Dalrymple, equal; Deslover and Stirling, equal; Brough, Horsey; Cleveland and Goldberg, equal. *Class III.*—Smith (R. M.) and Spriggs (W.), equal; Dickinson and Fleming and Kezar, equal; Cregeen and Chisholm and Munro (D. J.), equal; McCracken, Terrence, Antliff, Oliver (J. H.); Craik and Smith (A. E.), equal; Foster, Ahern, Bishop (J. G.); Knapp and Shier, equal.

#### APPLIED ELECTRO-CHEMISTRY.

*Fourth Year.*—*Class I.*—Buller; Steacie and Toole, equal; Radley, Sherwood; Ambridge and Davies and Hague, equal; Allan and Craik and Moore and Read and Smith (R. M.) and Yorston, equal; *Class II.*—Connell, Abbott-Smith; Cregeen and Chorney and Pangman, equal; Kezar and Williams, equal; Matheson; Cloutier and Grant (A. J.) and Stockwell, equal; Arnold; Brough and Desbarats, equal; Mills; Horsey and Smith (A. W. S.), equal; de Salaberry and Dormer and Elkington and Midgley, equal; Foster and Jackson and Mitchell and Ross, equal. *Class III.*—Patton; Carsley and McLennan and Terrance, equal; Shier; Antliff and Munro (D. J.) and Vrooman, equal; Fleming, Archibald; Dalrymple and Griffith, equal; Gaudet and Graham and Spriggs (W.), equal; Cleveland and Oliver (J. H.) and Shotwell, equal; Wetmore; Bown (W. E.) and Dickinson and Rochester, equal; Stirling; Armstrong and McCracken and Munro (W. C.) and Peters and Rorke, equal; Deslover and Knapp and Oliver (C. J.) and Smith (A. E.), equal.

#### BRIDGE DESIGN.

*Fourth Year.*—*Class I.*—McKindsey, Lawrence; Crain and Eadie, equal. *Class II.*—Culpeper and Laidley and Reid, equal; Smallhorn and Stephen, equal; Finlayson and Johnson, equal. *Class III.*—Simpson (A. E.), Morin, Harling, O'Shaughnessy, Brisbane, Kelly; Gilbert and Simpson (R. L.), equal; Champion and Cooper (P. E.) and Macnutt, equal.

#### CHEMISTRY.

##### ADVANCED INORGANIC CHEMISTRY.

*Fourth Year.*—*Class I.*—Ambridge. *Class II.*—Wetmore. *Class III.* Bown (W. E.) and Cloutier, equal.

## ADVANCED ORGANIC CHEMISTRY.

*Fourth Year.*—*Class I.*—Yorston, Steacie, Sherwood. *Class II.*—Matheson, Graham, Connell, Vrooman; Archibald and Davies, equal; Radley. *Class III.*—Chorney, Read; Desbarats and Toole, equal; Pangman.

## COLLOID CHEMISTRY.

*Fourth Year.*—*Class I.*—Ambridge and Steacie and Toole, equal; Pangman, Davies; Allan and Desbarats and Radley and Sherwood and Vrooman, equal. *Class II.*—Carsley and Wetmore, equal; Griffith and Read, equal; Yorston, Connell, Midgley, Cloutier, Munro (W. C.); Archibald and Graham and Shotwell, equal. *Class III.*—de Salaberry, Chorney, Bown (W. E.), Williams, Mitchell (J. M.), Matheson.

## FOOD CHEMISTRY.

*Fourth Year.*—*Class I.*—Steacie, Yorston; Radley and Sherwood, equal. *Class II.*—Desbarats, Read, Matheson, Archibald, Vrooman, Toole, Connell. *Class III.*—Chorney, Allan, Davies; Graham and Munro (W.C.), equal; Pangman, de Salaberry, Midgley; Carsley and Stockwell, equal.

## GENERAL CHEMISTRY.

*Second Year.*—*Class I.*—Chabot; Baily and Greenberg, equal; Granik. *Class II.*—Halpenny, Lane, Balleny, Fairbanks, McConnell; Low and Seale, equal; Eve and Malone, equal; Sharples and Wardleworth, equal; Riva; Potter and Ree, equal; McMaster and Wood, equal; Berridge and Stewart (D), equal. *Class III.*—Hovey and Sharpe, equal; Hopper and McNab and Paterson (A. P.) and Pinhey, equal; Prudham and Shortall, equal; Cochran and Gauthier and Savage and Vickerson, equal; Branscombe and Giles, equal; Dingman; Abbott and Bourne and Hamilton and Partridge and Pitt, equal; Bartlett and Murray and Smith (M. K.) and Vernot, equal; James, (H. T.); Logan and Miller and Nelligan, equal; Mills and Parker and Rolleston, equal; Cottee and Ellis and Gilmour and Lévêque and Taylor, equal; Chalker and Kyle and Merritt and Ross (H. G.), equal; Hyman and Smith (D. F.), equal; Bouchard and Cope and Graham and Gray-Donald and Hambly and Napier and Nutting and Warren, equal.

## HISTORY OF CHEMISTRY.

*Fourth Year.*—*Class I.*—Steacie; Toole and Vrooman, equal; Pangman and Yorston, equal. *Class II.*—Desbarats; Ambridge and Read, equal; Chorney and Connell, equal; Griffith and Radley, equal; Sherwood, Wetmore, Cloutier, Munro (W. C.); Allan and Archibald and Bown (W. E.), equal. *Class III.*—Shotwell, Graham, Stockwell, Matheson; Davies and Schleifstein, equal; Mitchell (J. M.); Carsley and de Salaberry and Midgley and Williams, equal.

## INDUSTRIAL CHEMISTRY (INORGANIC).

*Fourth Year.*—*Class I.*—Faith and Steacie, equal; Allan, Read, McNaughton; Desbarats and Layne and Powell (A. T.) and Turnbull and Vrooman, equal. *Class II.*—Pangman and Sherwood, equal; Ambridge and Matheson, equal; Davies and Kennedy and Whittemore and Yorston, equal; Radley, Toole; Archibald and Carsley and Connell and Davis (W. W.) and Gamble, equal. *Class III.* Chorney and Griffith, equal; Bown (W. E.) and Wetmore, equal; Graham and Williams, equal; de Salaberry; Bleau and Midgley, equal; Munro (W. C.); Shotwell and Stockwell, equal.

## INDUSTRIAL CHEMISTRY (ORGANIC).

*Fourth Year.*—*Class I.*—Steacie, Davies, Radley; Allan and Ambridge, equal; Munro (W. C.) and Sherwood and Toole, equal; Vrooman; Archibald and Chorney, equal; Connell, Pangman; Desbarats and Read, equal. *Class II.*—Matheson, de Salaberry and Midgley and Wetmore, equal; Williams, Shotwell; Stockwell and Yorston, equal; Carsley and Griffith, equal; Graham, Mitchell (J. M.). *Class III.* Bown (W. E.) and Cloutier and Schleifstein, equal.

## INORGANIC QUALITATIVE ANALYSIS.

*Third Year.*—*Class I.*—Becking and Holland, equal. *Class II.*—Duchemin and Muir, equal; Osler. *Class III.*—Ferguson; Lane and Wilson, equal; Cochran, Timmins; Cave and Gordon and Hayes, equal.

## INORGANIC QUANTITATIVE ANALYSIS.

*Fourth Year.*—(*Mining Engineering Course.*)—*Class I.*—Pelletier, Legg. *Class II.*—Jones, Grant (G. S.), Brodeur, Taschereau; Denis and Gordon, equal; Gegg; Duff and Streadwick, equal. *Class III.* Buffam; Bishop (E. G.) and Woods, equal; Bradshaw and Snyder, equal; Foss (L. J.), Jerrom.



*Third Year.*—(*Chemical Engineering Course.*)—*Class I.*—Stockwell; Barnes and Rochester and Taylor (J. A.), equal. *Class II.*—Matheson, Manson, Ridout. *Class III.*—Creery, Kirby, Robinson; Higgerty and Rumpel, equal; MacDonald (J.).

*Third Year.*—(*Metallurgical Engineering Course.*)—*Class I.*—None. *Class II.*—Arnold, Sweny. *Class III.*—Foggo.

#### ORGANIC CHEMISTRY.

*Third Year.*—*Class I.*—Higgerty and Rochester, equal; Matheson and Stockwell and Taylor (L. A.), equal. *Class II.*—Macdonald (J.), Barnes; Manson and Robinson, equal. *Class III.*—Kirby, Rumpel.

#### PHYSICAL CHEMISTRY.

*Third Year.*—*Class I.*—Barnes and Taylor, equal; Sweny. *Class II.*—Foggo and Stockwell, equal; Matheson, Rochester; Creery and Kent, equal. *Class III.*—Manson, Rumpel; Higgerty and Ridout, equal; Arnold, Kirby; Farnworth and MacDonald (J.), equal.

#### PHYSICAL CHEMISTRY AND LABORATORY.

*Fourth Year.*—*Class I.*—Steacie, Sherwood, Yorston, Vrooman. *Class II.*—Ambridge and Desbarats, equal; Carsley; Connell and Davies and Radley, equal; Read and Toole, equal; Pangman, Archibald. *Class III.*—Matheson, Chorney, Graham; Griffith and Stockwell, equal; Allan, Mitchell (J. M.); de Salaberry and Midgley, equal; Wetmore.

#### CRUSHING AND GRINDING MACHINERY.

*Third Year.*—*Class I.*—Matheson. *Class II.*—Ridout, Barnes, Kirby, Robinson, Higgerty, Manson, Creery; Rochester and Stockwell and Taylor (J. A.), equal. *Class III.*—Rumpel, MacDonald (J.).

#### CIVIC ADMINISTRATION.

*Fourth Year.*—*Class I.*—Spriggs (R. H.), *Class II.*—None. *Class III.*—None.

#### DESCRIPTIVE GEOMETRY.

*First Year.*—*Class I.*—Lister, Reid; Webster and Winter, equal; Mules and Ridgewell and Weir, equal; Rinfret; Barrett (R. E.) and Young, equal; Allison and Crépeau and Snowball, equal; Hearn and Tatley, equal; Archambault and Bremner and Costigan and Scanlan and

Simon, equal; Bellew and Rutherford, equal; Wilson; Mace and Moore, equal; Baxter and Hughes and Ross, equal; Bladon and Mercier and Mulligan and Walter, equal; Mahoney; Darling and Hutchins and Munro (W. D.), equal; Hodina; Converse and Cooper (D. F.) and Fellowes and Harris and McKyes and Smith, equal; Harkness; Thériault and Thomson, equal.

*Class II.*—Macklin and Olver and Upton, equal; Kingston; Craig and Dufresne and Henderson and McClung and Milligan and Noyes and Patterson, equal; Savoie; Heeney and Nathanson and Scofield, equal; Abella and Jones and Robertson, equal; Harvey and McAvity, equal; Munro (D. S.); Crombie and Hughston and Neroutsos, equal; Coyle and Evans and Murphy and Racey, equal; Dixon; Gilletz and King and Plant, equal. *Class III.*—Clarke, Godet; Bauman and Brodie, equal; McKenzie; Falconer; Findlay and Hamilton (W. B.), equal; Mowat, Ikovich; Howard; Bell and Hare equal; Caswell and Martin, equal; Brown and Danford and Easterbrook and Kerr, equal; Airey and Goldie and Wright, equal.

#### DESCRIPTIVE GEOMETRY AND PERSPECTIVE.

*Second Year.*—*Class I.*—Eve and Gilmour and Graham and Granik and Sharples and Wardleworth, equal; Murray; Baily and Logan and Mills (C. G.), equal; Herscovitch; Boulton and Paterson (A. P.), equal; Chabot and Stevens, equal; Chalker and Craig and Hopper and Malone and Riva, equal; Farrar and Wood, equal; Balleny and Merritt, equal; Bartlett and Fairbanks and Hovey and Pitt, equal; Lane and Lévêque and McMaster, equal; Anson; Greenberg and Rolleston and Smith (D. F.), equal; Sharpe; Ellis and Hyman, equal; Prudham. *Class II.*—Ross (S. H.); Gray and Low and Ree, equal; Conner; Cochran and Dingman and Gordon, equal; James (H. T.) and Miller, equal; Partridge and Shortall, equal; Hamilton; Abbott and Smith (H. E.), equal; Allcorn and Howe and Pigot and Stewart (D.), equal. *Class III.*—Hooper and Ross (H. G.) and Smith (M. K.) and Warren and Whittall, equal; Norton; Bromilow and Gross and McDiarmid, equal; Gray-Donald; Bourne and Gauthier and Paterson (D. K.), equal; Bedee and Halpenny and Napier, equal; Nelligan; Watson and Weames, equal; Savage and Williams and Wilson, equal; McNab, Berridge; Burland and Taylor, equal; Cope and Hambly and McMillan and Pinhey and Vernot and Vickerson, equal.

#### DESIGNING.

*Fourth Year.*—*Class I.*—Bown (C. R.), Budden, Dewis; Bieler and Webster and Wylde, equal; Macrae and Steeves, equal. *Class II.*—Blackall

and Harbert, equal; Bell and Gross and Rainnie, equal; Fagan and Taylor, equal; Binns and Bloomfield and Malone and Renouf, equal; Jordan and Moran and Scott (J. M.) and Sherrard and Woollcombe, equal; Timmis; Foss (D. B.) and McLeod (R. N.) and Tucker and Velasco, equal. *Class III.*—Kirsh and McCaw and Mitchell (G. M.) and Scott (L. J.), equal; LeBaron and McLagan and Powell (F. E.), equal; Cuttle and MacInnes, equal; Carpenter; MacLaren (A. B.) and Roquet, equal; Holden, Caldwell.

#### ECONOMICS.

*Third Year.*—*Class I.*—Howes, Delcellier; Borden and Richardson, equal; Farmer and Holland and Pringle and Stockwell, equal; Finlayson (A. W.); Becking and Darling and Leslie and Muir and Ogilvie, equal; Buzzell, Rumpel, Creery; MacDonald (J.) and Shaw and Shlakman, equal; Campbell (A.) and Gravel and Kaye and McLaren and Manson, equal; Wood; Andrews and Barnes and Dick and Starratt and Weisburgh, equal; *Class II.*—Dineen; Osler and Wyse, equal; Stewart; Benjamin and Matheson, equal; Kirschberg and Mitchell, equal; O'Brien; Kent (K. M.) and Maxwell, equal; Brumell and McGillis, equal; Addie and Gillett and Taylor (J. A.), equal; Cave and Ferguson, equal; Cochran and Finlayson (S. M.), equal; Foy and Gordon, equal; Foggo and James and Lanctôt and Phipps, equal; Fry and Geddes, equal. *Class III.*—Bostock and Fairbairn and Findlay and Sweny and Warren (F. B.), equal; Campbell (F. R.) and Hamel, equal; Archer and Butler and Donohue and Warren (W. A.) and Wilson (H. S.), equal; Douglas, Ridout; Buchanan and Loomis and McCall, equal; Cornell, Furness; Bailey and Moore and Shatford, equal; Reaper and Seale, equal; Pollock and Wickwire, equal; Ashby and Evans and Mulligan, equal; Brown and Farnworth and Farrell and Higgerty and Miller and Rochester, equal.

#### ELECTRIC LIGHT AND POWER DISTRIBUTION.

*Fourth Year.*—*Class I.*—Buller, Smith (A. E.); Moore (R. A.) and Ross and Smith (R. M.) and Terrance, equal; Cregeen, Oliver (J. H.), Craik, Smith (A. W. S.), Deslover, Munro (D. J.), Rochester. *Class II.*—Armstrong and Hague, equal; Knapp and Rorke, equal. Elkington; Brough and Grant (A. J.) and Jackson, equal; Kezar, Dalrymple, McLennan; McCracken and Peters, equal; Mills; Abbott-Smith and Curtis and Patton, equal; Dormer, Ahern. *Class III.*—Chisholm, Cleveland, Foster, Spriggs, Shier; Gaudet and Horsey, equal; Antliff and Stirling, equal; Bennett and Dickinson, equal.

## ELECTRIC TRACTION.

*Fourth Year.*—*Class I.*—Buller and Cregeen, equal; Abbott-Smith, Moore; Kezar and Knapp and McLennan and Ross, equal. *Class II.* Shier, Patton; Dalrymple and Dormer and Foster and Hague and Stirling, equal; Brough and Desloover and Smith (R. M.), equal; Curtis and Oliver (J. H.), equal; Chisholm and Jackson, equal; Dickinson and Elkington, equal. *Class III.*—Grant, (A. J.) and Smith (A. W. S.), equal; Gaudet, Rochester, Oliver (C. J.); Munro (D. J.) and Terrance, equal; Craik, Goldberg, Cleveland; Bishop (J. G.) and Peters, equal; Rorke, Antliff, Benett, Armstrong; Ahern and Mills, equal.

## ELECTRICAL DESIGNING.

*Fourth Year.*—*Class I.*—Cregeen and Moore, equal; Buller and Hague, equal; Grant (A. J.), Munro (D. J.), Rorke; Patton and Ross, equal; *Class II.*—Oliver (J. H.), Armstrong, Desloover, Peters, Dormer, Foster, Brough, Rochester, Jackson. *Class III.*—Abbott-Smith and Goldberg and Knapp and Smith (R. M.), equal; Shier; McLennan and Spriggs, (W.), equal; Chisholm and Craik and Gaudet and Kezar, equal; Antliff, Fleming, Smith (A. E.), Stirling; Elkington and Oliver (C. J.), equal; Ahern and Bishop (J. G.) and Curtis and Dalrymple and Dickinson and Smith (A. W. S.) and Terrance, equal.

## ELECTRICAL ENGINEERING.

*Fourth Year.*—*Class I.*—Buller, Moore, Munro (D. J.), Brough. *Class II.* Patton, Ross, Oliver (J. H.); Abbott-Smith and Hague, equal; Cregeen and Rorke, equal; Grant (A. J.), Armstrong, Smith (A. E.), Smith (A. W. S.). *Class III.*—Ahern and Antliff, equal; Curtis; Dormer and Jackson, equal; Foster and Kezar, equal; Desloover, Peters, McLennan: Chisholm and Gaudet and Knapp, equal; Craik and Horsey and Rochester and Shier and Smith (R. M.), equal; Dickinson and Elkington and Goldberg, equal; Benett and Fleming and Oliver (C. J.), equal.

*Third Year.*—*Class I.*—Richardson, Howes, Wood; Finlayson (S. M.) and Shlakman, equal. *Class II.*—Borden, Pringle, Benjamin; Furness and Gravel, equal; Phipps, Leslie, Malone, Douglas. *Class III.*—Kirschberg, MacGillis, Farmer, Warren (W. A.), Geddes, Ashby, Watson.

## ELECTRICAL PHOTOMETRY AND ILLUMINATION.

*Fourth Year.*—*Class I.*—Buller, Smith (R. M.), Moore, (R. A.), Brough, Smith (A. E.), Cregeen, Rochester. *Class II.*—Dalrymple; Abbott-Smith and Armstrong and Kezar and Munro (D. J.) and Ross, equal; Grant and Horsey, equal; Craik and Patton, equal; Dormer; Ahern and Oliver (C. J.) and Oliver (J. H.), equal. *Class III.* McLennan; Curtis and Elkington and Knapp, equal; Goldberg and Peters and Smith (A. W. S.); equal; Deslover and Spriggs (W.), equal; Dickinson, Terrance; Cleveland and Gaudet and Rorke, equal.

## ELECTRO-METALLURGY.

*Fourth Year.*—*Class I.*—Moore, Antliff, Buller; Grant (A. J.) and Hague, equal; Cregeen. *Class II.*—Ross; Deslover and Dickinson and Mills and Munro (D. J.) and Patton, equal; Horsey; Craik and Fleming and Jackson, equal; Dalrymple and Smith (R. M.), equal; Kezar and Rochester and Rorke and Spriggs (W.), equal; Elkington; Abbott-Smith and Cleveland and Oliver (J. H.), equal; Brough and Goldberg, equal; Dormer and Stirling, equal; Armstrong and Chisholm and Curtis, equal. *Class III.*—Anderson and Shier, equal; Foster and Smith (A. W. S.) and Terrance, equal; Smith (A. E.), McLennan, Ahern; Gaudet and Knapp, equal; Oliver (C. J.), McCracken, Bishop (J. G.).

## ELECTRO-METALLURGY AND LABORATORY.

*Fourth Year.*—*Class I.*—Faith, Layne, McNaughton, Kennedy, Powell (A. T.), Arnold. *Class II.*—Bleau, Gamble, Turnbull, Davis (W. W.), Murphy. *Class III.*—Whittemore.

## ELEMENTS OF ELECTRICAL ENGINEERING.

*Fourth and Third Years.*—*Class I.*—Smallhorn, Radley, Culpeper, Kaye, Johnson; Kennedy and Layne, equal; Loomis, Faith, Read. *Class II.*—Yorston; Griffith and McCall, equal; Carsley and Finlayson, equal; Lanctôt and Steacie, equal; Simpson (R. L.), and Turnbull, equal; O'Shaughnessy, Connell; Archibald and McNaughton, equal; Fairbairn and Gilbert and Reid, equal; Davies and Dick, equal; Ambridge, Toole; McKindsey and Sherwood, equal; de Salaberry and Eadie, equal; Gamble and Laidley, equal. *Class III.*—Lawrence and Stewart, equal; Findlay, Stephen, Desbarats, Wetmore, Graham; Brisbane and Munro (W. C.), equal; Matheson,

Crain, Miller; Davis (W. W.) and Harling, equal; Bown (W. E.) and Kelly, equal; Cooper (P. E.) and Murphy and Powell (A. T.), equal; Chorney and Morin and Trenholme, equal; Allan and Buchanan and Burroughs and Fotheringham and Foy and Pangman and Simpson (A. E.) and Spriggs (R. H.) and Stockwell and Vrooman and Whittemore equal.

ENGINEERING ECONOMICS.

*Fourth Year.—Class I.*—Buller, Lawrence, Steacie, Woollcombe; Layne and Oliver (J. H.), equal; Jones; Eadie and Fagan, equal; Brisbane and Graham and Moore, equal; Ambridge and Chorney and Harbert, equal; Bloomfield and Jordan and Pelletier and Stephen, equal; Radley; Cregeen and Dewis and Kelly and Laidley and Toole, equal; Ross. *Class II.*—Dickinson; Armstrong and Midgley and Munro (D. J.) and Yorston, equal; Grant (A. J.) and Harling and Vrooman, equal; Culpeper and Desbarats and Legg and Shier and Spriggs (R. H.) and Turnbull, equal; Gegg and Kezar and LeBaron and Shotwell, equal; MacInnes and O'Shaughnessy and Sherwood and Timmis, equal; Antliff and Bishop (E. G.) and Duff and Smith (R. M.), equal; Chisholm and Cleveland and Faith and McLagan and Rorke and Simpson (R. L.) and Smallhorn and Snyder, equal; Crain and Grant (G. S.) and Read and Roquet and Steeves, equal; Dalrymple and Gordon, equal; Abbott-Smith and Oliver (C. J.), equal; Binns and Goldberg and Horsey and McLeod and Williams, equal; Bradshaw and Brodeur and Foss (D. B.) and Jenks, equal; Benett and Caldwell and Carsley and Davis (W. W.) and Johnson, equal. *Class III.*—Bieler and Dormer and Elkington and Finlayson and Finley and Griffith and Reid and Rochester and Spriggs (W.) and Woods, equal; Allan and Bell and Blackall and Brough and Buffam and Hague and Kennedy and Moran, equal; Champion and Curtis and Gaudet and Holden and Knapp and McKindsey and Powell (F. E.) and Scott (L. J.) and Smith (A. W. S.) and Stockwell, equal; Ahern and Bown (C. R.) and Mills and Mitchell (G. MacG.) and Taylor, equal; Cross and Gilbert and Plow and Wylde, equal; Baillie and Davidson and McCaw and McCracken and MacLaren (A. R.), equal; Archibald and Denis and Fleming and Munro (W. C.) and Powell (A. T.) and Terrance, equal; Simpson (A. E.) and Stirling, equal; Connell and Foss (L. J.) and Foster and Malone and Matheson and Rainnie, equal; Bleau and Carpenter and Jackson and Jerrom and Macrae, equal; Bown (W. E.) and Fotheringham and Friedman and O'Heir, equal; Pangman and Patton and Peters, equal; Bishop (J. G.) and Budden and Craik and Gamble and Renouf, equal; Deslover, McNaughton.

## ENGINEERING LAW.

*Fourth Year.—Class I.*—Steacie, Buller; Abbott-Smith and Armstrong and Layne, equal; Graham, Harbert, Cregeen, Faith. *Class II.*—Chorney and Fagan and Lawrence and McNaughton and Rorke and Yorston and Williams, equal; Brodeur and Culpeper and Dewis and Foster and Gordon and Johnson and Moore, equal; Kennedy and Pelletier and Radley and Rochester, equal; Carsley and Jones and Mitchell (G. M. G.) and Munro (D. J.), equal; Grant (A. J.) and Mills, equal; Antliff and Dalrymple and Desbarats and Jordan and Oliver (J. H.), equal; Finlayson and Griffith and Jackson and Plow and Shier and Smith (A. E.) and Spriggs (W.), equal; Brough and Cleveland and Elkington and Goldberg and Hague, equal; Binns and Grant (G. S.) and Ross and Spriggs (R. H.), equal; Archibald and Bell and Bleau and Champion and Gamble and Powell (A. T.) and Reid and Wetmore, equal; Allan and Bishop (E. G.) and Eadie and Foss (L. J.) and Jerrom and Pangman and Patton and Smith (A. W. S.) and Stirling and Timmis, equal; Bieler and Brisbane and Cloutier and Cuttle and Dickinson and Gilbert and Horsey and Knapp and Midgley, equal; Macrae and Smith (R. M.) and Toole and Whittemore, equal; Connell and Davis (S. H.) and Holden and McKindsey and Munro (W. C.) and Read and Steeves and Stephen and Turnbull and Woollcombe, equal; Buffam and Cross and Laidley and MacInnes and Macnutt and Sherwood and Shotwell and Terrance, equal. *Class III.*—Anderson and Bown (C. R.) and Bradshaw and Kelly and O'Shaughnessy and Simpson (R. L.) and Stockwell, equal; Curtis and Davis (W. W.) and Roquet and Scott (L. J.) and Simpson (A. E.), equal; Baillie and Black and Blackall and Chisholm and Friedman and Kingsmill and Malone and Rainnie and Vrooman, equal; Ahern and Carpenter and Duff and Harking and Jenks and Kezar and Oliver (C. J.) and Renouf and Woods, equal; Bown (W. E.) and Caldwell and deSala-berry and Dormer and Finley and Fortheringham, equal; Davidson and Davies and Fleming and Moran and Smallhorn, equal; Bloomfield and McLagan and Peters, equal; Cooper (P. E.) and Craik and Legg and McCaw and Taschereau and Velasco, equal; Budden and Deslover and Powell (F. E.) and Schleifstein, equal; Ambridge and Crain, equal; Foss (D. B.) and Hamel and McCracken and Tucker, equal; Denis and Gaudet and McLeod (R. N.) and Matheson and Wylde, equal; Bishop (J. G.) and Kirsh and Scott (J. M. D.) and Webster, equal; Gegg, LeBaron, MacLaren (A. B.); O'Heir and Streadwick, equal; Geddes and Munro (G. H.), equal.

## ENGLISH COMPOSITION.

*First Year.*—*Class I.*—Mules, Mahoney. *Class II.*—Winter; Harkness and Noyes, equal; Milligan, Crombie; Brodie and Easterbrook and Scofield, equal; Cooper (D. F.) and Hutchins and Lister and Rinfret, equal; Hughes; Airey and Henderson and Mercier and Thériault and Young, equal; *Class III.*—Wilson; Perry and Reid, equal; Bladon; Barrett (R. E.) and Kingston and McClung and Smith, equal; Thomson and Upton, equal; Craig and Dufresne and Hughston and Ross and Seagram, equal; Baxter and Dixon and Munro (D. S.), equal; Olver; Bauman and Clarke and Danford and Mowatt and Racey, equal; Darling and Fellowes and Nathanson and Rutherford, equal; Converse and Gilletz and Hodina and McKyes, equal; Allison and Gardner and Jones and Knowlton, equal; Macklin; Bryant and Harris and Harvey and Patterson and Snowball and Webster, equal.

## EXPERIMENTAL ENGINEERING.

*Fourth Year.*—*Class I.*—Webster, Bloomfield; Bell and Steeves and Woollcombe, equal; Black and Scott (J. M.), equal. *Class II.*—Blackall and Budden and Dewis, equal; Carpenter and McLeod (R. N.) and Renouf, equal; Foss (D. B.) and Wylde, equal; Bieler and Harbert and McCaw and Mitchell (G. M.) and Taylor, equal; Malone; Binns and Cuttle and MacInnes and Rainnie and Roquet and Sherrard, equal; McLagan and MacLaren (A. B.), equal. *Class III* Bown (C. R.) and Cross and Timmis, equal; Caldwell and Scott (L. J.), equal; Fagan and Macrae, equal; Powell (F. E.), Holden; Jordan and LeBaron, equal; Baillie and Jenks and Kirsh, equal; Moran and Tucker and Velasco, equal.

## FIRE ASSAYING AND LABORATORY.

*Fourth Year.*—(*Chemical Engineering Course.*)—*Class I.*—Griffith. *Class II.*—Ambridge, Bown, Wetmore. *Class III.*—None.

*Third Year.*—*Class I.*—Farnworth, Duchemin; Arnold and Becking, equal; Sweny; Cave and Ferguson, equal; Cochran, Wilson (H. S.). *Class II.*—Osler, Gordon, Foggo; Hayes and Holland, equal; Cornell; Ambrose and Kent, equal; Lane. *Class III.*—Muir, Bostock.

## FOUNDATIONS AND MASONRY.

*Third Year.*—*Class I.*—Campbell (A.); Buzzell and Finlayson (A. W.), equal; Forbes, Ogilvy. *Class II.*—Shaw, James; Campbell (F. R.) and Darling and Delcellier and Mitchell, equal; Maxwell, Warren,



(F. B.); Andrews and Leitch, equal; O'Brien and Pollock and Stethem, equal. *Class III.*—McLaren and Wyse, equal; Mulligan; Cromwell and Wickwire, equal; Donohue, Dineen, Reaper.

#### FREEHAND DRAWING AND LETTERING.

*First Year.*—*Class I.*—Barrett (R. E.); Bremner and McKyes, equal; Rinfret, Simon; Costigan and Dufresne and Scanlan, equal; Danford and Noyes, equal; Bryant and Evans and Munro (D. S.) and Reid, equal. *Class II.*—Mules and Weir, equal; Archambault and Webster, equal; King, Tatley; Hearn and Knowlton and Mercier, equal; Converse and Moore, equal; Bladon and Crépeau, equal; Darling and Walter, equal; Allison and Cooper (D. F.) and Falconer and Fellowes and Harkness and Hughes and Ross, equal; Dixon and Mahoney and Milligan, equal; Barrett (R. J.) and Harris and Hutchins, equal; Patterson and Plant, equal; Olver. *Class III.*—Hamilton (W. B.) and Thériault, equal; Easterbrook and Hodina and Wall and Wilson and Young, equal; Baxter and Racey, equal; Rutherford; Godet and Harvey and Winter, equal; Bellew; Hughston and Lister, equal; Munro (W. D.), Seagram; Airey and Hare and Kingston and Macklin and Snowball, equal; Craig and Mace and Scofield, equal; Bauman and Brodie and Nathanson and Smith, equal; Brown and Caswell and Kerr, equal.

#### GEODESY.

*Fourth Year.*—*Class I.*—Lawrence; Brisbane and Gilbert, equal. *Class II.* Kelly, Plow; Johnson and Stephen, equal; Culpeper and Eadie and Finlayson, equal; Smallhorn, Simpson (A. E.). *Class III.*—Simpson (R. L.) and Spriggs, equal; Laidley, Reid; Cooper and Harling and McKindsey, equal; Crain and Hamel, equal; Morin and O'Shaughnessy, equal; Champion and Macnutt, equal.

#### GEODETIC FIELDWORK.

*Fourth Year.*—*Class I.*—Culpeper and Eadie and Laidley, equal; McKindsey. *Class II.*—Johnson and Reid and Stephen, equal; Kelly; Crain and O'Shaughnessy, equal; Brisbane and Champion and Gilbert and Lawrence, equal; Cooper; Simpson (A. E.) and Smallhorn, equal; Finlayson and Plow, equal. *Class III.*—Spriggs; Macnutt and Simpson (R. L.), equal; Morin.

## GENERAL GEOLOGY.

*Third Year.*—*Class I.*—Cochran, Ferguson, Buzzell; Becking and Foggo and Shaw, equal; Campbell (A.), Delcellier. *Class II.*—Farnworth and Hayes, equal; Cornell, Muir, Finlayson (A. W.), Holland, Snyder, Wilson (H. S.); Campbell (F. R.) and Sweny, equal; Gordon, Bostock, Pollock; James and Reaper and Shatford and Wyse, equal. *Class III.*—Ambrose and Lane and Mulligan, equal; Cave, Warren (F. B.), Wickwire, Osler; Darling and Ogilvy, equal; Dineen and Stethem, equal; Forbes; Mitchell and O'Brien, equal; Leitch.

## HISTORICAL GEOLOGY.

*Fourth Year.*—*Class I.*—Finley, Pelletier, Davidson. *Class II.*—Bishop (E. G.), Taschereau; Denis and O'Heir, equal; Grant (G. S.) and Jones, equal; Buffam and Woods, equal; Legg, Davis (S. H.). *Class III.*—Brodeur, Duff; Foss (L. J.) and Kingsmill, equal.

## GEOLOGY OF CANADA.

*Fourth Year.*—*Class I.*—Finley; Gordon and Jones, equal; Davidson; Bishop (E. G.) and Buffam, equal. *Class II.*—Legg and Woods, equal; Foss (L. J.) and Grant (G. S.), equal; Duff and Pelletier, equal; O'Heir; Denis, Taschereau. *Class III.*—Jerrom; Bradshaw and Brodeur, equal; Kingsmill, Gegg.

## HEATING AND VENTILATION OF BUILDINGS.

*Fourth Year.*—*Class I.*—Bell, Bown (C. R.). *Class II.*—Blackall; Rainnie and Taylor, equal; Binns and McCaw, equal; Dewis and Tucker and Woollcombe, equal; Budden and Timmis, equal; Roquet, Mitchell (G. M.); Black and Bloomfield and Fagan, equal; Macrae and Scott (J. M.) and Wylde, equal; Caldwell, Steeves; Carpenter and Moran, equal; McLagan and McLeod, equal. *Class III.*—Foss (D. B.) and Harbert, equal; MacInnes, Bieler; Malone and Velasco, equal; Kirsh; Cross and Cuttle and Jenks and Jordan, equal; MacLaren (A. B.) and Powell (F. E.), equal; LeBaron and Scott (L. J.), equal; Holden and Webster, equal; Renouf; Baillie and Sherrard, equal;

## HIGHWAY ENGINEERING.

*Third Year.*—*Class I.*—Campbell (A.). *Class II.*—Campbell (F. R.); Buzzell and Leitch, equal; Delcellier, Maxwell, Stethem, Ogilvy,

Plow; Finlayson (A. W.) and Shaw, equal; Mitchell. *Class III.*—James; Forbes and Warren (F. B.), equal; Darling, Andrews, Mulligan, Donohue, O'Brien, Reaper; McLaren and Wickwire, equal;

#### HYDRAULICS AND LABORATORY (SHORT COURSE).

*Fourth Year.*—*Class I.*—Read (D. E.); Connell and Gegg and Radley, equal; Sherwood, deSalaberry, Jones, Vrooman, Yorston, Archibald, Steacie; Legg and McNaughton, equal; Ambridge and Toole and Whittemore, equal. *Class II.*—Davies and Layne, equal; Finley and Mitchell and Pelletier, equal; Allan, Matheson; Faith and Gordon, equal; Chorney and Woods, equal; Hannen and Murphy, equal; Carsley and Graham, equal; Bleau and Denis, equal; *Class III.*—Buffam and Griffith and Turnbull, equal; Pangman, Brodeur, Midgley, Kennedy, Powell (A. T.), Grant (G. S.); Bown (W. E.) and Davidson and O'Heir and Taschereau, equal; Davis (W. W.); Gamble and Streadwick and Williams, equal; Bradshaw and Cloutier and Duff and Foss (L. J.) and Munro, equal.

#### HYDRAULICS AND LABORATORY.

*Fourth and Third Years.*—*Class I.*—Buller; Hague and Webster, equal; Jordan, Curtis; Dewis and Kezar and McLeod and Mitchell (G. M. G.) and Moran and Munro (D. J.), equal; Cregeen and Moore and Rochester and Woollcombe, equal; Bloomfield. *Class II.*—Dormer and Grant (A. J.) and Scott (L. J.), equal; Binns and Rainnie, equal; Bell and Caldwell and Shaw, equal; Harbert; Ross and Scott (J. M. D.), equal; Blackall and Campbell (A.) and Delcellier, equal; Antliff and Armstrong, equal; McLagan; Brough and MacLaren (A. R.) and Timmis, equal; Foss (D. B.) and LeBaron and O'Brien, equal; Benett and Cuttle, equal; Darling and Steeves, equal. *Class III.*—Bown (C. R.) and Budden and Campbell (F. R.) and Dineen and Roquet and Shier and Smith (A. E.) and Wylde, equal; Bieler and Carpenter and Goldberg and James and Terrance, equal; Donohue and Smith (R. M.), equal; Buzzell and Deslover and Hamel and Taylor, equal; Andrews and Peters and Wickwire, equal; Abbott-Smith and Chisholm, equal; Fagan and Fleming and Gaudet and Jackson and Maxwell and MacLaren (A. B.) and Oliver (J. H.), equal; Cross and Dickinson, equal; Kirsh and Mills, equal; Renouf and Stirling, equal; Craik and Patton and Rorke and Spriggs (W.) and Stethem, equal; Holden and McCaw, equal; Dalrymple and Elkington and Finlayson (A. W.) and Ogilvy, equal; Baillie and Foster, equal; Ahern and Bishop (J. G.) and Black and Knapp and Powell (F. E.) and Reaper and Wyse, equal.

## HYDRAULIC MACHINES.

*Fourth Year.*—*Class I.*—Webster; Dewis and Woollcombe, equal, Rainnie and Simpson (R. L.), equal; Kelly and McKindsey, equal. *Class II.*—Bloomfield and Roquet, equal; Eadie, O'Shaughnessy, Harbert; Blackall and Stephen, equal; McLeod (R. N.), Finlayson; Laidley and Mitchell (G. M. G.), equal; Bell and Bieler and Moran, equal; Binns and Budden and Johnson, equal; Jordan and Plow (G. L.), equal, Lawrence. *Class III.*—Smallhorn and Taylor, equal; Bown (C. R.) and Culpeper, equal; Gilbert, Carpenter; Harling and Kirsh and Steeves, equal; Cuttle and Renouf, equal; Brisbane and Mackenzie and McLagan and Macrae, equal; Cross and MacInnes and Scott (L. J.) and Timmis, equal; Champion and Cooper (P. E.) and Crain and Fagan and LeBaron and McCaw and McLaren (A. B.) and Reid and Wylde, equal.

## LABORATORIES.

## CHEMICAL LABORATORY.

*Second Year.*—*Class I.*—Eve, Baily, Greenberg, Chabot, Balleny; Partridge and Wood, equal; Granik and Malone, equal. *Class II.*—Potter, Gilmour, Abbott, Allcorn; Low and McConnell, equal; McNab; Gordon and Shortall, equal; Cope and Ellis and Fairbanks, equal; Anson and Bourne and Gray and Hovey and Sharples, equal; Riva, Leveque; Hopper and Ree, equal; Chalker and Sharpe and Wardleworth and Watson, equal; Farrar and McDiarmid and Prudham, equal. *Class III.*—Gauthier and Parker, equal; James (H. J.) and Rolleston, equal; Cottee and Hamilton and Murray, equal; Bedee and McMaster and Smith (D. F.) and Stewart (D.), equal; Lane and Seale and Smith (H. E.), equal; Bromilow and Dingman and Halpenny and Merritt and Mills and Nelligan and Pinhey and Taylor, equal; Almond and Berridge and Smeaton, equal; Paterson (A. P.) and Paterson (D. K.) and Ross (H. G.), equal; Hambly and Hyman and Pitt, equal; Bartlett and Boulton and Couture and Hooper, equal; Cochran and Gross and Kyle and McNaughton and Miller and Ross (S. H.) and Vernet, equal; Hare and Vickerson, equal; Bouchard and Cram and Graham and Gray-Donald and Logan and McMillan and Manville and Napier and Norton and Sladen and Warren and Wilson, equal.

## CHEMICAL LABORATORY (INORGANIC LABORATORY).

*Fourth Year.*—(*Chemical Engineering Course.*)—*Class I.*—None. *Class II.*—Griffith, Ambridge, Mitchell (J. M.), Wetmore, Bown (W. E.), Cloutier. *Class III.*—None.

*Fourth Year.*—(*Metallurgical Engineering Course.*)—*Class I.*—Layne, Kennedy. *Class II.*—Whittemore, Faith, McNaughton, Turnbull, Powell (A. T.). *Class III.*—Bleau, Gamble, Davis (W. W.).

CHEMICAL LABORATORY (INORGANIC QUALITATIVE ANALYSIS).

*Third Year.*—*Class I.*—Ferguson; Becking and Duchemin, equal. *Class II.*—Cornell, Cave; Hayes and Lane, equal; Cochran, Holland; Gordon and Muir, equal; Shatford and Wilson, equal; Osler, Moore. *Class III.*—Timmins, Bostock.

CHEMICAL LABORATORY (INORGANIC QUANTITATIVE ANALYSIS).

*Third Year.*—(*Chemical Engineering Course.*)—*Class I.*—Matheson, Creery, Manson, Taylor (J. A.), Barnes. *Class II.*—MacDonald (J.), Ridout, Higgerty, Robinson, Stockwell. *Class III.*—Kirby, Rochester, Macdonald (H. F.).

*Third Year.*—(*Metallurgical Engineering Course.*)—*Class I.*—Foggo, Kent (A. D.), Arnold, Farnworth, Sweny. *Class II.*—Ambrose. *Class III.*—None.

CHEMICAL LABORATORY (ADVANCED ORGANIC).

*Fourth Year.*—*Class I.*—Steacie and Yorston, equal; Sherwood, Read, Archibald. *Class II.*—Graham; Radley and Toole, equal; Desbarats and Matheson, equal; Vrooman, Connell, Chorney, Davies. *Class III.*—Pangman, Midgley; Carsley and Schleifstein, equal; Williams, Stockwell; Allan and deSalaberry and Munro (W. C.), equal.

CHEMICAL LABORATORY (ORGANIC).

*Third Year.*—*Class I.*—Manson, Higgerty. *Class II.*—Barnes and Stockwell, equal; Rochester, Taylor (J. A.), Matheson, MacDonald (J.); Kirby and Robinson, equal; Creery, Arnold. *Class III.*—Ridout, Rumpel.

ELECTRICAL ENGINEERING LABORATORY.

*Fourth Year.*—(*Electrical Engineering Course.*)—*Class I.*—Buller, Moore, Cregeen, Oliver (J. H.), Munro (D. J.), Hague, Elkington, Rorke, Oliver (C. J.), Curtis. *Class II.*—Craik; Abbott-Smith and Spriggs (W.), equal; Grant (A. J.); Kezar and Ross, equal; Dalrymple and

Patton, equal; Dormer and Jackson, equal; Antliff and Armstrong, equal; Knapp and McLennan, equal; Fleming and Smith (R. M.), equal; Brough and Peters, equal; Terrance; Deslover and Goldberg; equal; Dickinson and Smith (A. E.), equal; Foster and Mills, equal; Horsey. *Class III.*—Chisholm, Gaudet, Smith (A. W. S.), Rochester, Shier, McCracken, Bishop (J. G.), Ahern, Stirling.

*Fourth and Third Years.*—*Class I.*—Layne and Whittemore, equal; Lanctot and Trenholme, equal; Eadie, McKindsey. *Class II.*—Faith and Harling and Spriggs, equal; Gilbert and Laidley and MacNaughton and Murphy, equal; Brisbane and Johnson and Simpson (A. E.), equal; Findlay and Kaye and Lawrence and Reid, equal; Addie and Evans and Finlayson, equal; Crain and Culpeper and Stewart, equal; Champion and Kelly and Powell (A. T.), equal; Burroughs and McCall, equal; Cooper (P. E.) and Fotheringham and O'Shaughnessy, equal; Davis (W. W.) and Loomis and Turnbull, equal; Miller and Munro (G. H.), equal; Dick and Stephen, equal; Smallhorn, Fairbairn. *Class III.*—Archer and Butler and Fleming, equal; Farrell; Bleau and Hamel and Kennedy, equal; Luxton and Morin, equal; Buchanan, Ferrabee, Foy, Fry, Macnutt, Ray; Gamble and Kent (K. M.) and Simpson (R. L.), equal.

*Third Year.*—(*Electrical Engineering Course.*)—*Class I.*—Pringle, Wood, Borden, Richardson; Benjamin and Phipps, equal; Farmer. *Class II.*—Howes; Douglas and Furness, equal; Leslie and Watson, equal; McGillis; Finlayson (S. M.) and Shlakman, equal; Gillett and Malone, equal; Weisburgh. *Class III.*—Warren (W. A.); Ashby and Taylor (L. E.), equal; Kirschberg and VanKoughnet, equal; Bailey, Brown, Gravel, Dent.

#### GEODETIC LABORATORY.

*Fourth Year.*—*Class I.*—Stephen. *Class II.*—Eadie and Johnson and Plow, equal; Culpeper and McKindsey, equal; Brisbane and Champion, equal; Smallhorn; Kelly and Simpson (A. E.) and Spriggs, equal; Laidley and Lawrence and O'Shaughnessy, equal; Gilbert; Hamel and Reid, equal. *Class III.*—Finlayson; Crain and Harling, equal; Cooper and Morin, equal; Macnutt, Simpson (R. L.).

#### MECHANICAL ENGINEERING LABORATORY.

*Fourth Year.*—*Class I.*—Bell, Woollcombe. *Class II.*—Rainnie, Dewis, Blackall, Bown (C. R.), Taylor; Bloomfield and Fagan, equal; Jordan; Bieler and Harbert and Macrae, equal; McCaw; Binns and

Timmis, equal. *Class III.*—Moran and Renouf, equal; Cuttle and Roquet and Webster, equal; Scott (J. M.), McLagan; Black and Budden and Foss (D. B.) and Kirsh and Malone and Wylde, equal; Cross and Jenks and McLeod (R. N.) and Steeves, equal; LeBaron, Baillie, Holden, Carpenter; Caldwell and MacInnes and Maclaren (A. B.) and Mitchell (G. M. G.) and Powell (F. E.) and Scott (L. J.) and Velasco, equal.

*Third Year.*—(*General Course.*)—*Class I.*—Barnes and Fairbairn, equal; Delcellier and Findlay, equal; Lanctot. *Class II.*—Campbell (A.), Dick; Matheson and Ridout, equal; Farnworth and Stockwell, equal; Cochran and McCall and Taylor (J. A.), equal; Gordon and Kaye and Miller, equal; MacDonald (J.) and Stewart, equal; Wyse, Manson; Becking and Buzzell and Campbell (F. R.) and Darling, equal; Finlayson (A. W.) and Goodall and Luxton and Ogilvy and Shaw and Sweny, equal; Archer and Cornell and Evans and Farrell and James and Loomis and Maxwell, equal. *Class III.*—Brumell and Kirby and Stethem and Wickwire, equal; Higgerty, Lane; Creery and Duchemin and Foggo and Muir and Wilson (H. S.), equal; Ambrose and Foy and Munro and Osler, equal; Cave and Fleming and Reaper and Trenholme, equal; Ferguson and Hayes, equal; Kent (A. D.) and Kent (K. M.) and McLaren and Mitchell, equal; Pollock; Buchanan and Ferrabee, equal; Rochester and Timmins, equal; Andrews and Leitch and O'Brien, equal; Addie and Arnold and Burroughs and Forbes and Mulligan and Snyder and Warren (F. B.), equal;

*Third Year.*—(*Electrical Engineering Course.*)—*Class I.*—Pringle, Brown, Leslie; Howes and Richardson and Shlakman, equal. *Class II.*—Finlayson (S. M.), Furness; Farmer and Wood, equal; Weisburgh; Benjamin and Phipps, equal. *Class III.*—Borden and Gravel and Watson, equal; Ashby and Malone, equal; Warren (W. A.), Baily; Douglas and Kirschberg, equal; Gillett; MacGillis and Wilson (G.), equal.

#### METALLURGICAL LABORATORY (THESIS).

*Fourth Year.*—*Class I.*—McNaughton and Powell (A. T.) and Whittemore, equal; Layne. *Class II.*—Faith, Turnbull; Davis (W. W.) and Kennedy and Murphy, equal. *Class III.*—Bleau, Gamble.

#### ORE DRESSING LABORATORY.

*Fourth Year.*—(*Metallurgical Engineering Course.*)—*Class I.*—Powell (A. T.) and Whittemore, equal; Layne. *Class II.*—McNaughton,

Faith; Kennedy and Turnbull, equal. *Class III.*—Murphy; Bleau and Davis (W. W.) and Gamble, equal.

*Fourth Year.*—(*Mining Engineering Course.*)—*Class I.*—Legg and Woods, equal; Gegg and Gordon, equal; Buffam. *Class II.*—Grant (G. S.); Denis and Finley and Jones and Taschereau, equal; Foss (L. J.); Bishop (E. G.) and Davidson and Pelletier and Streadwick, equal; Bradshaw and Jerrom and O'Heir, equal. *Class III.*—Duff; Brodeur, Kingsmill.

#### PHYSICAL LABORATORY.

*Fourth Year.*—*Class I.*—Moore, Oliver (J.H.), Kezar; Buller and Jackson and Oliver (C. J.), equal; Foster. *Class II.*—Elkington, Munro (D. J.), Cregeen, Brough; Patton and Rorke, equal; Curtis and Dickinson and Dormer and Spriggs (W.), equal; Craik and Peters and Ross, equal; Hague; Goldberg and Rochester, equal; Chisholm and Smith (R. M.) and McLennan, equal; Mills and Smith (A. W. S.) equal; Antliff and Deslover, equal; Fleming; Abbott-Smith and Grant (A. J.) and Horsey, equal. *Class III.*—Dalrymple and Gaudet and Terrance and Smith (A. E.), equal; Knapp, Armstrong, Bishop (J. G.); Ahern and Stirling, equal; McCracken, Shier, Cleveland.

*Second Year.*—*Class I.*—Watson, Eve, Chabot, Conner, Abbott, Bartlett, Partridge. *Class II.*—Greenberg, Riva; Baily and Granik and McNab and Sharples and Wood, equal; Graham; Hovey and Shortall, equal; Dingman, Miller; Ellis and Smith (H. E.) and Stevens, equal; Anson and Norton and Parker and Ree, equal; Low; Lane and Potter, equal. *Class III.*—Gordon and James (W. A.) and Pinhey, equal; Allcorn and Balleny and Fairbanks and Prudham and Ross (S. H.) and Vickerson, equal; Cope and Halpenny and Malone and Murray and Paterson (A. P.), equal; Bromilow and McMaster, equal; Cochran and Hambly and Merritt, equal; Chalker and Logan and McMillan and Taylor and Weames, equal; Farrar and Hooper and James (H. T.) and Paterson (D. K.), equal; Cottee and Couture and Gross and Smeaton and Mills (C. G.), equal; Giles and Hopper, equal; Wardleworth and Warren, equal; Pitt and Sharpe and Wilson, equal; Gilmour and Hamilton and Hare and Hyman and Smith (D. F.), equal; Howe and Ross (H. G.) and Vernot, equal; Bourne and Gray and Gray-Donald and McDiarmid and Munro (W. D.) and Napier and Rolleston and Stewart (D.) and Williams, equal.



*First Year.*—*Class I.*—Bremner and Crepeau, equal; Costigan, Henderson; Dufresne and Hearn and Winter, equal; Rinfret. *Class II.*—Bryant and Harkness and Moore, equal; Baxter and Wilson, equal; Savoie and Upton, equal; Craig and McClung and Webster, equal; Barrett (R. E.) and Lister, equal; Bell and Bladon and Easterbrook, equal; Archambault and Cooper (D. F.) and Scofield and Young, equal; Converse and Darling and Jones, equal; Caswell and Hutchins and Ridgewell, equal; Bauman and Bellew and Evans and Kingston and Mace and Mahoney and Mowat and Smith and Thomson, equal; Mulligan and Patterson and Ross, equal; Falconer and Hamilton (W. B.) and King and Mercier and Nathanson and Noyes, equal; Crombie and Hughston and Mules, equal; Coyle and Lyons, equal. *Class III.*—Fellowes and Gilletz and Godet and Hughes and Olver and Tatley and Weir, equal; Heeney and Hodina and Macklin and Scanlan and Theriault, equal; Reid and Simon, equal; Brodie and Harvey, equal; Munro (D. S.); Clarke and Findlay and McKyes, equal; Robertson and Rutherford and Wall, equal; Danford and McAvity and McKenzie, equal; Martin; Harris and Kennedy and Seagram, equal; Airey and Brown, equal; Barrett (R. J.) and Dixon and Ikovich and Knowlton and Murphy, equal; Kerr and Milligan and Neroutsos, equal.

STRENGTH OF MATERIALS LABORATORY.

*Third Year.*—*Class I.*—Shaw, Shlakman, Dick, Phipps, Howes; Pringle and Richardson, equal; McCall and Malone and Wood, equal. *Class II.*—Campbell (A.); Delcellier and Farnworth and Finlayson (S. M.) and Stockwell, equal; Lanctot; Benjamin and Darling and Muir, equal; Barnes and Fairbairn and Kaye and Stewart, equal; Cochran and MacDonald (J.), equal; Becking and Buzzell and Cave and Farmer and Forbes, equal; Borden and Manson and Rochester, equal; Foy and Loomis and MacGillis, equal; Ferrabee and James and Kirschberg, equal; Gillett and Higgerty and Watson and Wickwire, equal; Findlay and Ogilvy and Reaper, equal; Ridout; Archer and Butler and Douglas, equal; *Class III.*—Ashby and Kirby and Leslie and Matheson and Mitchell and Stethem and Weisburgh, equal; Ambrose and Taylor (J. A.) and Trenholme, equal; Creery and Furness and Holland and Lane and Warren (F. B.) and Wyse, equal; Andrews and Brumell and Finlayson (A. W.) and Gordon, equal; Donohue and Evans and Geddes and Hayes and Kent (K. M.) and Leitch and Snyder and Warren (W. A.) and Wilson (H. S.), equal; Maxwell; Addie and Bailey and Brown and Campbell (F. R.) and VanKoughnet, equal; Ferguson and Fleming and Osler, equal; Burroughs and Fry and Kent (A. D.)

and Pollock and Rumpel, equal; Cromwell and Shatford, equal; Luxton and McLaren and Sweny, equal; Buchanan and Dineen and Farrell, equal; Goodall and Mulligan and O'Brien, equal; Wilson (G.); Duchemin and Reid, equal.

#### MACHINE DESIGN.

*Fourth Year.—(Electrical Engineering Course.)—Class I.*—Buller; Brough and Hague, equal; Patton and Smith (A. W. S.), equal; Munro (D. J.); Jackson and Moore, equal. *Class II.*—Rorke and Smith (A. E.), equal; Cregeen and Grant (A. J.) and Stirling, equal; Ross, Rochester; Abbott-Smith and Craik, equal; Armstrong and Oliver (J. H.) and Spriggs (W.), equal. *Class III.*—Deslover and Dormer and Geddes and Knapp and Mills, equal; Elkington and Horsey and Kezar, equal; Antliff and Goldberg and Shier and Terrance, equal; Dickinson and Oliver (C. J.) and Smith (R. M.), equal; Chisholm and Fleming, equal; Ahern and Bishop (J. G.) and Cleveland and Dalrymple and Gaudet, equal; Foster (F. L.); Curtis and McCracken and Peters, equal.

*Fourth Year.—(Mechanical Engineering Course.)—Class I.*—Webster; Bloomfield, Bell, Harbert; Binns and Woollcombe, equal; Blackall, and Dewis, equal; Rainnie. *Class II.*—McLagan and Roquet, equal; Mitchell (G. M.) and Moran, equal; McLeod (R. N.); Budden and Carpenter and Foss (D. B.) and Malone, equal; Caldwell; Velasco and Wylde, equal; Timmis; Black and Steeves and Taylor, equal; Renouf. *Class III.*—LeBaron; Bieler and Bown (C. R.), equal; Cuttle and McCaw, equal; Cross, Scott (J. M. D.), Scott (L. J.); Fagan and MacInnes, equal; Tucker; Baillie and Holden and Kirsh and Maclaren (A. B.) and Powell (F. E.) and Sherrard, equal.

*Third Year.—Class I.*—Lanctôt, Shlakman, Kaye, Richardson, Borden; Leslie and Phipps, equal; Dick and Howes, equal; Stewart; Benjamin and Wood, equal; Findlay and Furness, equal. *Class II.*—Addie, Foy, Farmer, McCall, Brown; Gillett and Loomis, equal; Archer; Farrell and Finlayson (S. M.), equal; Fairbairn; Douglas and Pringle, equal; Ashby. *Class III.*—Kirschberg; Kent (K. M.) and Luxton and Watson, equal; Fry and Gravel, equal; Brumell and MacGillis and Trenholme, equal; Weisburgh; Dent and Fotheringham and Warren, equal; Bailey and Goodall and Malone, equal.

## MANUFACTURING PLANT DESIGN.

*Fourth Year.*—*Class I.*—Dewis; Black and Harbert and McLeod (R. N.) and Scott (J. M.), equal. *Class II.*—Rainnie and Steeves, equal; Binns and Taylor, equal. Bieler and MacInnes and Woollcombe, equal; Cuttle and Roquet, equal; McLagan and Timmis, equal; Jordan; Bown (C. R.) and Cross and Macrae and Sherrard, equal; Mitchell (G. M.); Moran and Powell (F. E.) and Renouf, equal; Holden and LeBaron, equal; Fagan, Wylde. *Class III.*—Fotheringham, Maclaren (A. B.), Velasco, Baillie.

## MAP PROJECTIONS.

*Third Year.*—*Class I.*—Delcellier. *Class II.*—Buzzell, Darling. *Class III.*—None.

## MAPPING.

*Second Year.*—*Class I.*—Chabot, Eve, Sharples, Watson; Bartlett and McMillan, equal; Herscovitch; Dingman and Gray and Hooper and Savage, equal; James (W. A.); Lévêque and Smith (H. E.) and Wood, equal; Graham and James (H. T.), equal. *Class II.*—Granik; Balleny and Greenberg and Shortall and Taylor, equal; Hyman and Rolleston, equal; Prudham and Stevens, equal; Norton and Ross (S. H.), equal; Berridge and Bolton and Riva, equal; Anson and Bouchard and Roome and Vernot and Wardleworth and Warren, equal; Malone and Wilson, equal; Baily and Bromilow and Cottee and Hopper and Hovey and Moore and Napier and Parker and Partridge, equal; Abbott and Low and McMaster and Sharpe, equal; Almond and Fairbanks and Gordon and Nelligan, equal; Ellis and Gilmour, equal; Chalker and Gray-Donald and Halpenny and McDiarmid and Pigot and Pitt and Weames, equal; Bickford and Cochran and Couture and Cram and Howe and Mills (C. G.) and Smith (D. F.) and Farmer, equal; Allcorn and Hambly and Lane and Mace and Paterson (D. K.) and Pinhey and Potter and Stewart (D.) and Whittall, equal. *Class III.*—Connor and Craig and Miller and Nutting and Williams, equal; Gross and Kyle and McNaughton, equal; Farrar and Manville and Merritt and Mills (A. K.), equal; Paterson (A. P.) and Vickerson and Wallace, equal; Branscombe and Hamilton and Walter, equal; Hare, Bedee; Bourne and Burland and Cooke and Ross (H. G.), equal; Donnelly, Gauthier. *Unranked.*—Cope, Giles, Murray, Schlee, Smeaton.

## MATERIALS OF CONSTRUCTION.

*Second Year.—Class I.*—Halpenny, Eve; Chabot and Fairbanks, equal; Balleny and Hyman and Stevens, equal. *Class II.*—McMaster; Farrar and Prudham, equal; Baily; Ellis and Hamilton and Malone and Rolleston and Shortall and Smith (H. E.) and Wood, equal; Gray-Donald, Chalker, Gordon; Conner and Couture and Lane and Vickerson, equal; Hopper and Merritt and Partridge and Potter, equal; Abbott and Riva and Smith (D. E.), equal; Bickford and McMillan and Paterson (A. P.), equal; Anson and Ree and Walter, equal. *Class III.*—Low and Nelligan and Parker and Sharples and Wardleworth, equal; Hovey; Leveque and McDiarmid and McNaughton, equal; Branscombe and McNab and Mills (C. G.) and Napier and Smith (M. K.) and Taylor and Vernet, equal; Boulton and Gilmour and Pinhey, equal; Gross and Hambly and James (W. A.) and Kyle and Watson, equal; Burland and Murray and Sharpe, equal; Gray; Bartlett and Hare and Hooper and Manville and Norton and Smeaton, equal; Cope and Herscovitch, equal; Gauthier and Ross (H. G.), equal; Berridge and Cottee and Dingman and Giles and Greenberg, equal; Graham and Granik and Howe and Pitt and Stewart (D.) and Warren, equal; Logan and Miller, equal.

## MATHEMATICS.

## ALGEBRA.

*First Year.—Class I.*—Barrett (R. E.) and McClung and Winter, equal; Young, Mules, Bremner, Perry. *Class II.*—Gardner and Heeney, equal; Rinfret; Converse and Moore and Wilson, equal; Noyes; Darling and Gilletz and Kingston and Webster, equal; Hutchins, Savoie, Mace, Crepeau, Cooper (D. F.), Martin; Bladon and Hodina, equal; Mahoney and Tatley, equal. *Class III.*—Bryant and Mulligan and Munro (D. S.), equal; Ridgewell; Dixon and Theriault and Upton, equal; McKyes and Milligan and Reid and Rutherford, equal; Hughes and McAvity, equal; Allison and Findlay and Murphy, equal; Hearn and Olver and Smith, equal; Crombie and Nathanson, equal; Costigan; Brodie and Craig and Henderson and Mercier, equal; Caswell; Barrett (R. J.) and Scanlan, equal; Lister, Hamilton (W. B.); Airey and Arcibald and Bauman and Fellowes and Ikovich and Jones and McKenzie and Macklin and Mondehard and Mowat and Patterson and Simon and Thomson, equal.

## ANALYTICAL GEOMETRY.

*Second Year.—Class I.*—Watson, Balleny, Eve, Riva, Lane; Potter and Shortall, equal; Granik and Hovey, equal; Mills; Chabot and Conner, equal; Gilmour; Chalker and Ellis and Wood, equal; Abbott and Anson and Baily and Gauthier and Sharples, equal. *Class II.*—Bartlett and Paterson (A. P.), equal; Merritt, James (H. T.), Gordon; Cochran and Napier and Ross (S. H.), equal; Malone and Rolleston, equal; Farrar, Graham; Dingman and Herscovitch and McNaughton, equal; Paterson (D. K.): Cope and Greenberg and Prudham and Williams, equal; Gray (D. A.) and Gray-Donald (E.) and Hopper and Low and Pitt and Smith (M. K.), equal; Halpenny and Pinhey and Seale, equal. *Class III.*—McMaster and Norton, equal; Branscombe and Partridge, equal; Hambly and Howe and Leveque and Smith (D. F.), equal; Nelligan; Logan and Savage and Vickerson, equal; McDiarmid and Murray and Weames, equal; Bourne and Taylor (W. D.), equal; Berridge and Ree, equal; Kyle, Fairbanks; Hooper and Hyman and Nutting and Vernot, equal; Bedee and Ross (H. G.) and Wardleworth, equal; Boulton and Couture and Craig and Pigot, equal; Burland and Gross and Hamilton and McNab and Manville and Parker and Sharpe and Smith (H. E.) and Warren and Wilson, equal.

## CALCULUS.

*Third Year.—Class I.*—Douglas, Shlakman, Howes, Farmer, Richardson. *Class II.*—Benjamin and Phipps, equal; Borden; Malone and Wood, equal. *Class III.*—Leslie, Furness; Ashby and McGillis and McLennan and Weisburgh, equal; Brown; Kirschberg and Warren (W. A.), equal; Finlayson (S. M.) and Gillett and Gravel and Pringle and Watson, equal.

*Second Year.—Class I.*—Watson, Eve, Chabot, Balleny, Potter; Baily and Lane, equal. *Class II.*—Shortall, Logan, Riva; Granik and Ree, equal; Anson, Conner, Fairbanks; Gilmour and Partridge, equal; Farrar and Paterson (A. P.), equal; Malone. *Class III.*—Greenberg; Gordon and Herscovitch and Hovey, equal; Gauthier and Sharpe, equal; Abbott, Wood, Ellis; Cope and Mills (C. G.), equal; Graham and Sharples and Smith (M. K.), equal; McDiarmid and McMaster, equal; Merritt; Cochran and Hyman and Leveque, equal; Gray-Donald and James (H. T.) and Low and Prudham and Ross (H. G.), equal; Bartlett and Hopper and Smith (H. E.), equal; Cottee and Giles and Gray and Halpenny and Howe and McMillan and McNab and Miller and Norton and Parker and Pigot and Pinhey and Pitt and Rolleston and Roome and Ross (S. H.) and Smith (D. F.) and Vickerson and Williams, equal.

## GEOMETRY.

*First Year.*—*Class I.*—Winter, Moore, Bremner, Bellew, Perry; Hearn and Mahoney and Mules and Savoie, equal. *Class II.*—Reid; Archibald and Converse, equal; Henderson and Simon, equal; Barrett (R. E.) and Crombie and Rinfret and Theriault, equal; Craig and Lister and Mercier and Webster, equal; Cooper (D. F.) and McKyes and Ross, equal; Thomson; DeLorimier and Godet, equal; Danford and Ridgewell, equal; Caswell and Crepeau and Hutchins and Mulligan and Young, equal; *Class III.*—Darling and Dufresne and Hamilton (W. B.) and Hodina and Wilson, equal; Bryant and Gardner, equal; Airey and McClung and Morrison and Tatley, equal; Martin and Smith, equal; Bladon and Costigan and Nathanson and Scofield, equal; Wall; McAevity and Macklin and Milligan, equal; Clarke and Munro (D. S.), equal; Evans and Ikovich and Weir, equal; Neroutsos; Barrett (R. J.), Heeney, Kingston, Scanlan, Snowball, Upton. Allison and Fellowes and Howard and Olver, equal; Abella and Baxter and Falconer and Harris and Knowlton and Mace and Murphy and Noyes, equal.

## MECHANICS.

*Third Year.*—*Class I.*—Darling and Howes, equal; Shaw and Wood, equal; Dick and Richardson, equal; Geddes, Finlayson (A. W.); Borden and Brown and Lanctot and McCall, equal. *Class II.*—Pringle, Delcellier; Foy and James, equal; Furness, Finlayson (S. M.), Phipps; Fairbairn and Forbes, equal; Wilson (G.); Dent and Donohue and McGillis, equal; Farmer. *Class III.*—Archer and Cromwell, equal; Burroughs and Farrell, equal; Campbell (A.); Loomis and Malone and Stewart, equal; Trenholme; Warren (F. B.) and Warren (W. A.), equal; Maxwell; Evans and Munro, equal; Benjamin and Buchanan and Gillett and Goodall and Gravel and Kent (K. M.) and Kirschberg and Wickwire and Wyse, equal; Andrews and Ashby and Brumell and Butler and Ferrabee and Findlay and Friedman and Kaye and Leslie and Miller and Reaper and Stethem, equal.

*Second Year.*—*Class I.*—Watson, Balleny, Baily, Chabot. *Class II.*—Eve, Hovey; Gilmour and Riva and Shortall, equal; Greenberg; Conner and Leveque and Mills and Paterson (A. P.), equal; Granik; Malone and Ree, equal; Prudham; Anson and Sharples, equal; Lane and Wood, equal. *Class III.*—Miller; Gauthier and Pitt, equal; Fairbanks and Farrar and Low and Seale, equal; Abbott; Logan and Rolleston and Wardleworth, equal; Dingman and Gray, equal; Gray-Donald; Hyman and Parker, equal; Gordon and Merritt,

equal; Cope; Ellis and Halpenny and McMaster and Potter and Smith (M. K.), equal; Hopper and Smith (H. E.) and Stevens, equal; Boulton and McMillan and Murray and Walter, equal; McNaughton and Nutting, equal; Bartlett and Chalker and Graham and Herscovitch and McNab and Napier and Ross (H. G.) and Smeaton, equal.

*First Year.*—*Class I.*—Winter, Perry, Mules, Rinfret. *Class II.*—Bremner and Moore and Young, equal; McClung; Archambault and Hearn, equal; Converse and Wilson, equal; Bryant; Cooper (D. F.) and Lister, equal; Mulligan, Webster; Barrett (R. E.) and Nathanson, equal; Bladon. *Class III.*—Craig and Scanlan, equal; Hodina and Noyes, equal; Crepeau and Upton, equal; Murphy and Patterson, equal; McAvity; Crombie and Jones, equal; Reid; Caswell and Hughes and Ikovich and McKyes and Tatley, equal; Allison and Hutchins and Mahoney, equal; Baxter; Evans and Henderson, equal; Falconer and Rutherford and Weir, equal; Fellowes; Costigan and Kingston and Thomson, equal; Archibald and Bauman and Bellew and DeLorimier and Gardner and Gilletz and Godet and Hamilton (W. B.) and Heeney and McKenzie and Mace and Munro (D. S.) and Neurotsos and Theriault and Wright, equal.

#### TRIGONOMETRY.

*First Year.*—*Class I.*—Bremner, Winter, Young; Crombie and Mules and Wilson, equal. *Class II.*—McClung, Heeney; Converse and Webster, equal; Bryant and Moore, equal; Perry; Barrett (R. E.) and Bauman, equal; Nathanson; Cooper (D. F.) and Mahoney and Rinfret, equal; Hutchins and Upton, equal; Ross; McKyes and Macklin and Williams, equal; Jones and Mulligan and Noyes, equal. *Class III.*—Caswell and Hodina and Kingston and Munro (D. S.), equal; Ridgewell; Mowat and Olver, equal; Gilletz and Hearn and Rutherford, equal; Allison and Darling and Findlay and Tatley, equal; Craig and Theriault, equal; McAvity and Savoie, equal; Baxter and Crepeau and Gardner and McKenzie and Reid, equal; Harris and Mace and Plant, equal; Coyle; Barrett (R. J.) and Costigan and Harkness and Scanlan, equal; Archambault and Bellew and Fellowes, equal; Archibald and Patterson and Wright, equal; Abella and Airey and Bladon and Brown and deLorimier and Dufresne and Evans and Goldie and Holman and Hughes and Hughston and Lister and Martin and Milligan and Murphy and Smith and Thomson, equal.

## MECHANICAL DRAWING.

*Third Year.*—(*Electrical Engineering Course.*)—*Class I.*—Phipps; Furness and Wood, equal; Benjamin. *Class II.*—Richardson, Howes, Borden, Farmer; Finlayson (S. M.) and Pringle, equal; Malone and Watson and Shlakman, equal; Leslie; Brown and Taylor (L. E.) and Warren (W. A.), equal. *Class III.*—Ashby and MacGillis, equal; Gillett; Bailey and Douglas and Weisburgh, equal; Dent and Kirschberg, equal; Gravel.

*Third Year.*—(*Mechanical Engineering Course.*)—*Class I.*—Dick, Lanctot, Trenholme, Kaye. *Class II.*—Stewart, Findlay, Goodall; Kent (K. M.) and McCall and Munro, equal; Burroughs and Fotheringham, equal; Buchanan and Loomis, equal. *Class III.*—Evans and Fairbairn, equal; Archer, Luxton; Ferrabee and Foy, equal; Butler and Miller and Ray, equal; Fry.

*First Year.*—*Class I.*—Barrett (R. E.), Hodina. *Class II.*—Bryant and Rinfret, equal; Converse and Olver, equal; Noyes and Simon, equal; Costigan and Danford and Reid and Ross, equal; Bladon and Dufresne and Gilletz and Hearn, equal; McKyes and Munro (D. S.) and Thomson, equal; Archambault and Fellowes and Hutchins, equal; Cooper (D. F.) and King and Mules and Weir, equal; Harkness and Kerr, equal; Hamilton (W. B.) and Racey, equal. *Class III.*—Baxter and Craig and Godet, equal; Darling and Smith, equal; Airey and Kennedy and Lister and Mace and Mahoney and Wilson, equal; Allison and Barrett (R. J.) and Snowball, equal; Abella and Heeney and Knowlton and Rutherford, equal; Evans and Ikovich and Milligan and Scofield, equal; Clarke and Dixon and Walter and Young, equal; Bellew and Easterbrook and Findlay and Harris and Winter and Wright, equal; Bauman and Brodie and Brown and Falconer and Henderson and Hughes and Mowat and Neurotsos and Plant, equal; McClung and Patterson and Seagram, equal; Macklin and Mulligan and Nathanson and Theriault, equal; Harvey and Hughston and Marshall and Murphy, equal; Kingston and Tatley and Upton and Wall, equal; Martin; Coyle and Holman and Jones and Mondehard and Ridgewell, equal.

## MECHANICAL ENGINEERING.

*Third Year.*—(*General Course.*)—*Class I.*—Richardson, Howes, Wood. *Class II.*—Stockwell; Farmer and Rochester, equal; Barnes and Gordon, equal; Benjamin and Malone and Shaw and Wyse, equal; Finlayson (S. M.) and Furness and Manson and Taylor (J. A.),



equal; Campbell (F. R.) and Cochran and Farnworth and Gillett and Gravel and Pringle and Shlakman, equal; Leslie; Campbell (A.) and Douglas, equal; Geddes and MacDonald (J.) and Phipps and Ridout, equal. *Class III.*—Becking and Creery and Finlayson (A. W.), equal; Borden and Kent (A. D.) and Sweny, equal; Maxwell, Delcellier; Cornell and Dent, equal; Darling and Ferguson and Matheson, equal; Andrews and Bostock and James and Ogilvy and Warren (W. A.) and Watson, equal; Ashby and Higgerty, equal; Buzzell and O'Brien, equal; Warren (F. B.) and Wilson (G.), equal; Forbes and Muir, equal; Arnold and Bailey and Brown and Holland and Osler, equal; Leitch and MacGillis and Wilson (H. S.), equal; Hayes and Robinson and Stethem and Weisburgh and Wickwire, equal.

*Third Year.*—(*Mechanical Engineering Course.*)—*Class I.*—Dick, Loomis. *Class II.*—Stewart, Lanctot, Kent (K. M.); Addie and Brumell, equal; McCall, Munro, Kaye, Evans. *Class III.*—Findlay and Fry and Miller, equal; Archer, Foy, Goodall; Fairbairn and Trenholme, equal; Ferrabee, Burroughs; Fleming and Luxton, equal.

#### MECHANICS OF MACHINES.

*Fourth Year.*—*Class I.*—Foss (D. B.). *Class II.*—Bell, Blackall, Webster, Bloomfield. *Class III.*—Budden and Caldwell, equal; Kirsch and McCaw, equal; Carpenter and Scott (L. J.), equal; Tucker, Malone.

*Third Year.*—*Class I.*—Lanctot, Benjamin, Farmer, Dick, Richardson, Borden; Shlakman and Wood, equal; Gravel. *Class II.*—Fairbairn, Furness, Phipps, Howes, Malone, Leslie, Stewart; Finlayson (S. M.) and Loomis and Pringle, equal. *Class III.*—Evans and Kirschberg, equal; Warren (W. A.), MacGillis; Addie and Archer, equal; Watson, Ashby, Gillett; Brown and Douglas, equal; Dent, Wilson, Weisburgh, Butler.

*Second Year.*—*Class I.*—Chabot, Shortall, Baily, Eve; Farrar and Gilmour, equal; Conner and Riva and Walter, equal; Taylor; Watson and Wood, equal; Malone, Hyman. *Class II.*—Gordon, Sharples; Herscovitch and Lane and McNab, equal; Hovey and Smith (M.K.), equal; Ellis and Prudham and Ross (H. G.), equal; Balleny and Granik and Mills (C. G.), equal; Low; Halpenny and Leveque and McDiarmid, equal; Greenberg and Sharpe, equal; Bartlett and Branscombe and Fairbanks and Gauthier and Hopper and Napier, equal; James (H. T.); Logan and McMaster and Partridge, equal. *Class III.*—Abbott and Hare and Seale and Wardleworth, equal;

Ree; Anson and Stewart (D.), equal; Berridge and Chalker and Dingman and Graham, equal; Smith (D. F.) and Murray, equal; Gray-Donald, Parker, Couture; Boulton and Donnelly and Paterson (A. P.) and Ross (S. H.) and Warren, equal; McMillan and Nelligan and Stevens and Vickerson, equal; James (W. A.) and Miller and Nutting, equal; Hamilton and Norton and Pigot and Potter and Roome and Vernot and Wilson, equal; Paterson (D. K.) and Pitt and Rolleston, equal; Bickford and Cottee and Hooper and Pinhey and Williams, equal.

#### METALLOGRAPHY.

*Fourth Year.*—(*Chemical Engineering Course.*)—*Class I.*—Ambridge, Wetmore. *Class II.*—Griffith, Bown (W. E.). *Class III.*—Cloutier, Schleifstein.

#### METALLURGICAL CALCULATIONS.

*Third Year.*—*Class I.*—Foggo and Sweny, equal; Kent (A. D.). *Class II.*—Farnworth. *Class III.*—None.

#### METALLURGICAL COLLOQUIUM.

*Fourth Year.*—*Class I.*—Layne, Arnold; Faith and Powell (A. T.) and Whittemore, equal; McNaughton, Murphy, Turnbull. *Class II.*—Gamble, Davis (W. W.). *Class III.*—Bleau and Kennedy, equal.

#### METALLURGICAL MACHINERY AND DESIGN.

*Fourth Year.*—*Class I.*—None. *Class II.*—Powell (A. T.); Layne and McNaughton, equal; Turnbull, Bleau; Faith and Kennedy and Whittemore, equal. *Class III.*—Murphy, Davis (W. W.).

#### METALLURGY.

*Fourth Year.*—(*General Course.*)—*Class I.*—Layne, Turnbull; Kennedy, McNaughton, Powell (A. T.), Whittemore, Davis (W. W.), Pelletier. *Class II.*—Murphy, Gamble, Jones; Davidson and Legg, equal; Gordon; Finley and Grant (G. S.), equal; Faith and Woods, equal. *Class III.*—Denis and O'Heir and Taschereau, equal; Bleau, Davis (S. H.), Arnold; Bradshaw and Brodeur, equal; Gegg; Buffam and Duff and Foss (L. J.) and Kingsmill, equal.

*Fourth Year.*—(*Metallurgical Engineering Course.*)—*Class I.*—Faith and Layne, equal; Kennedy. *Class II.*—Turnbull; McNaughton and Powell (A. T.), equal; Whittemore; Davis (W. W.) and Murphy, equal. *Class III.*—Gamble, Bleau.

*Third Year.*—(*Chemical Engineering Course.*)—*Class I.*—Taylor, Matheson. *Class II.*—Robinson, Stockwell, Manson. *Class III.*—Higgerty, Ridout, Kirby, Rumpel, Barnes; Creery and Rochester, equal.

#### GENERAL ELEMENTARY METALLURGY AND LABORATORY.

*Third Year.*—(*Metallurgical and Mining Engineering Courses.*)—*Class I.*—Arnold. *Class II.*—Becking, Kent (A. D.); Cornell and Duchemin, equal; Cochran; Farnworth and Moore, equal. *Class III.*—Lane, Muir; Gordon and Osler, equal; Sweny; Ferguson and Foggo and Wilson, equal; Cave, Holland, Hayes.

#### MILL BUILDINGS.

*Fourth Year.*—*Class I.*—Jordan, Rainnie, Binns; Roquet and Woollcombe, equal. *Class II.*—McLeod and Timmins, equal; Bieler and Dewis and Taylor, equal; Black and Harbert and Mitchell, equal; Holden; Fagan and Moran and Wylde, equal; Renouf, McLagan and Velasco, equal; MacLaren (A. R.). *Class III.*—Scott, LeBaron, MacInnes; Baillie and Macrae, equal; Bown, Steeves, Cuttle, Cross.

#### MINE MAPPING.

*Third Year.*—*Class I.*—Ferguson; Becking and Wilson (H. S.), equal; Duchemin, Cochran. *Class II.*—Muir, Cave, Shatford, Hayes, Gordon, Timmins; Lane and Snyder, equal. *Class III.*—Cornell and Holland, equal; Bostock; Moore and Osler, equal.

#### MINERALOGY.

*Third Year.*—*Class I.*—Holland, Cochran, Ferguson; Hayes and Manson, equal. *Class II.*—Taylor; Becking and Duchemin, equal; Foggo; Cave and Gordon, equal; Barnes, Matheson; Muir and Ridout, equal; Cornell; MacDonald (J.) and Robinson and Stockwell, equal; Arnold. *Class III.*—Lane; Ambrose and Rochester, equal; Bostock and Sweny, equal; Farnworth, Rumpel; Kirby and Moore and Shatford, equal; Higgerty and Osler, equal.

## MINERALOGY (DETERMINATIVE).

*Third Year.*—*Class I.*—Farnworth, Cave; Barnes and Duchemin, equal; Cornell and Manson and Sweny, equal; Matheson and Muir, equal; Wilson; Cochran and Hayes, equal. *Class II.*—Rumpel and Taylor, equal; Gordon; Becking and MacDonald (J.) and Robinson, equal; Ridout, Ambrose, Holland, Arnold; Creery and Kent, equal; Bostock and Ferguson and Foggo and Higgerty, equal; Lane. *Class III.*—Kirby, Rochester, Moore, Shatford, Timmins; MacDonald (H. F.) and Stockwell, equal; Osler.

## MINING ENGINEERING AND COLLOQUIUM.

*Fourth Year.*—*Class I.*—Woods, Gordon; Gegg and Legg, equal; Pelletier. *Class II.*—Denis and Taschereau, equal; Jones and O'Heir and Streadwick, equal; Bradshaw and Jerrom, equal; Davidson, Buffam, Bishop; Finley and Foss, equal; Grant. *Class III.*—Brodeur and Duff, equal; Kingsmill, Davis.

## MINING ENGINEERING.

*Third Year.*—*Class I.*—Gordon, Cochran, Becking. *Class II.*—Muir, Kent, Osler, Hayes; Farnworth and Wilson (H. S.), equal; Cornell, Duchemin, Shatford. *Class III.*—Cave, Sweny; Ferguson and Foggo and Timmins, equal; Bostock, Holland, Moore.

## MINING FIELD SCHOOL.

*Fourth Year.*—*Class I.*—Pelletier. *Class II.*—Bishop and Brodeur and Buffam, equal; Streadwick and Woods, equal; Gordon and Grant (G. S.) and Legg, equal; Foss and Gegg and Taschereau, equal; Kingsmill. *Class III.*—Duff and Finley and Jones, equal; Denis and Jerrom and O'Heir, equal; Bradshaw.

## MINING MACHINERY AND DESIGN.

*Fourth Year.*—*Class I.*—Gegg, Grant (G. S.). *Class II.*—Pelletier, Woods; Denis and Taschereau, equal; Foss (L. J.) and Jerrom, equal; Jones; Buffam and Gordon, equal; Legg, Bradshaw; Bishop (E. G.) and Davidson, equal. *Class III.*—Finley, O'Heir, Brodeur, Streadwick, Duff, Davis (S. H.).

## MINING MACHINERY (ADVANCED).

*Fourth Year.*—*Class I.*—Gegg. *Class II.*—Gordon, Bradshaw, Streadwick. *Class III.*—None.

## MUNICIPAL ENGINEERING.

*Fourth Year.*—*Class I.*—Finlayson, Reid, Culpeper. *Class II.*—Laidley; O'Shaughnessy and Smallhorn, equal; Gilbert and McKindsey and MacKenzie, equal; Eadie. *Class III.*—Plow, Simpson (A. E.), Simpson (R. L.), Kelly; Crain and Harling and Johnson and Stephen, equal; Brisbane, Macnutt, Cooper (P. E.); Champion and Lawrence, equal.

## ORE DEPOSITS AND ECONOMIC GEOLOGY.

*Fourth Year.*—*Class I.*—Finley, Pelletier, Jones, Buffam; Davidson and Grant (G. S.), equal; Faith and Gordon and Layne, equal; McNaughton and Turnbull, equal; Duff and Kennedy and Taschereau, equal; Denis. *Class II.*—Legg, Bishop (E. G.), Woods, O'Heir, Bradshaw, Gegg; Brodeur and Foss (L. J.) and Whittemore, equal; Powell (A. T.). *Class III.*—Davis (W. W.) and Jerrom, equal; Murphy, Kingsmill, Bleau.

## ORE DRESSING AND LABORATORY.

*Third Year.*—*Class I.*—Becking, Cochran; Kent (A. D.) and Osler, equal. *Class II.*—Gordon; Farnworth and Sweny, equal; Cornell, Muir; Ferguson and Snyder, equal. *Class III.*—Shatford, Lane; Duchemin and Foggo and Wilson (H. S.), equal; Cave, Holland; Bostock and Hayes and Moore, equal; Timmins, Ambrose.

## ORE DRESSING LABORATORY (THESIS WORK).

*Fourth Year.*—*Class I.*—Legg; Buffam and Woods, equal; Gegg and Gordon equal; Denis. *Class II.*—Finley, Jones, Grant, Taschereau, Foss; Bishop and Pelletier, equal; Streadwick, Jerrom; Bradshaw and Davidson, equal. *Class III.*—O'Heir, Duff, Brodeur, Kingsmill.

## ORE DRESSING.

*Fourth Year.*—*Class I.*—Layne, Jones, Pelletier. *Class II.*—Jerrom; Davis (W. W.) and McNaughton and Powell, equal; Legg, Faith; Gegg and Grant, equal; Davidson and Denis, equal; Gordon and

Turnbull, equal; Buffam and Kennedy and O'Heir, equal; Bishop and Bradshaw, equal; Gamble and Murphy, equal; Duff and Woods, equal; *Class III.*—Taschereau and Whittemore, equal; Finley, Foss (L. J.), Davis (S. H.), Brodeur, Kingsmill, Streadwick, Bleau.

#### PETROGRAPHY (ADVANCED).

*Fourth Year.*—*Class I.*—Finley, Pelletier; Denis and Taschereau, equal. *Class II.*—Buffam, Davidson, Grant (G. S.), O'Heir, Foss (L. J.), Bishop (E. G.). *Class III.*—Davis (S. H.), Brodeur, Duff, Jones, Woods, Jerrom and Kingsmill, equal.

#### PETROGRAPHY AND LABORATORY.

*Fourth Year.*—*Class I.*—Finley, Denis, Taschereau, Davidson; Grant (G.S.) and Pelletier, equal. *Class II.*—Woods; Buffam and O'Heir, equal; Brodeur, Foss (L. J.), Jones, Bishop (E. G.). *Class III.*—Kingsmill and Streadwick, equal; Gordon and Legg, equal; Duff; Bradshaw and Gegg, equal; Jerrom.

#### PHYSICS.

*Fourth Year.*—*Class I.*—Buller, Cregeen, Hague, Moore. *Class II.*—Smith (R. M.), Ross; Kezar and Patton and Smith (A. W. S.), equal; Curtis and Elkington, equal; Peters; Brough and Rorke, equal; Spriggs (W.), Grant (A. J.), Foster. *Class III.*—Munro (D. J.); Jackson and Oliver (C. J.), equal; Goldberg and Oliver (J. G.), equal; Fleming; Dormer and Rochester, equal; Anderson and Craik, equal; Antliff and Mills, equal; Chisholm; Abbott-Smith and Horsey and McLennan and Stirling, equal; Ahern and Bishop (J. G.), equal; Deslover; Dalrymple and McCracken and Smith (A. E.), equal; Armstrong and Gaudet, equal.

*Second Year.*—*Class I.*—Eve, Abbott; Chabot and Ellis, equal; Wood, Watson. *Class II.*—Riva, Gordon; Sharples and Shortall, equal; Mills (C. G.) and Plow, equal; Granik and Lane, equal; Balleny, Conner; Farrar and Lévêque and McMaster, equal; Greenberg and Ree, equal; Gilmour; Bartlett and Fairbanks and Norton, equal. *Class III.*—Baily; Hovey and Miller, equal; Prudham and Sharpe, equal; Almond and Hooper and Low and McNab and Parker and Potter, equal; Paterson (A. P.) and Stevens, equal; Anson and Dingman and Hopper and Ross (S. H.) and Smith (M. K.), equal; Savage; Cochran and Gauthier and Merritt and Stewart (D.) equal; Graham and Paterson (D. K.), equal; Berridge and Malone, equal;

Allcorn and Bickford and Halpenny and James (H. T.) and Logan and Napier and Partridge and Pigot and Smith (D. F.), equal; Branscombe and Bromilow and Chalker and Cross and Hyman and McMillan and McNaughton and Murray and Nelligan and Rolleston and Smith (H. E.) and Vickerson, equal; Bedee and Bourne and Cope and Cottee and Hamilton and Hare and Manville and Price and Pinhey and Wardleworth, equal.

#### PHYSICS.

*First Year.—Class I.*—Young, Barrett (R. E.); Mules and Winter, equal; Reid, Crépeau, Bremner; Falconer and Rinfret, equal. *Class II.*—McClung, Hutchins; Nathanson and Wall, equal; Webster, Bladon, Mulligan; Converse and Hearn and Upton, equal; Kingston and Mercier and Neroutsos, equal; Bryant and Mahoney and Rutherford, equal; Costigan and Craig and Evans and Henderson and Wilson, equal; Brodie and Easterbrook and Hamilton (W. B.), equal; Milligan and Noyes, equal; Crombie and Dixon and Ross, equal; Archambault and Savoie, equal; McKenzie and Patterson, equal; Baxter and Hodina and Williams, equal; Harkness and Scofield, equal; Hughes and Scanlan, equal; Bell and Cooper (D. F.), equal; Hughston and Lister and Weir, equal; Findlay and Gilletz and Macklin, equal; Ridgewell, Godet; Jones and Moore, equal; Danford and Darling and Ikovich, equal; Airey and Brown and Coyle and Harris and Mowat and Murphy and Snowball and Tatley and Thomson and Wright, equal.

#### POWER PLANT DESIGN.

*Fourth Year.—Class I.*—Rainnie. *Class II.*—Webster; Bloomfield and Budden, equal; Woollcombe; Dewis and Timmis, equal; Carpenter; Binns and Taylor, equal; Bieler and Harbert, equal. *Class III.*—Jordan, Fagan, Black, Cuttle; Moran and Roquet, equal; Bown (C. R.) and LeBaron and MacInnes, equal; Bell and Caldwell and Powell (F. E.) and Steeves, equal; Scott (L. J.); McLagan and Tucker, equal; McCaw and Mitchell (J. M.), equal; Baillie and Maclaren (A. B.) and McCrae, equal; Cross and Foss (D. B.) and McLeod (R. N.) and Scott (J. M.) and Velasco and Wylde, equal.

#### RAILWAY ENGINEERING (SHORT COURSE) (NO. 92a).

*Third Year.—Class I.*—Delcellier, Stethem, Campbell (A.). *Class II.*—Darling, Shaw; Buzzell and Leitch, equal; Maxwell; Hamel and

James, equal; Andrews. *Class III.*—Mulligan, Wickwire, O'Brien, Ogilvy, Forbes; Cromwell and Mitchell and Reaper and Wyse, equal; Campbell (F. R.); Dineen and Donohue and McLaren and Pollock, equal.

RAILWAY ENGINEERING (SHORT COURSE) (NO. 93a).

*Third Year.*—(*Draughting.*)—*Class I.*—Buzzell, Campbell (A.), Delcelier, Shaw, James, Darling. *Class II.*—Mitchell; Reaper and Wickwire, equal; Andrews, Finlayson (A. W.), Forbes, Leitch, Warren (F. B.). *Class III.*—McLaren, Pollock, Campbell (F. R.), Maxwell, Wyse, Ogilvy, Cromwell, O'Brien, Dineen, Mulligan.

SANITARY SCIENCE.

*Third Year.*—*Class I.*—None. *Class II.*—Andrews; Forbes and O'Brien, equal; Campbell (F. R.) and James and Leitch, equal; Maxwell, Wickwire; Mitchell and Shaw, equal. *Class III.*—Ogilvy, Reaper, Stethem; Campbell (A.) and Pollock, equal; Finlayson; Dineen and Mulligan, equal; Warren, Donohue.

SHOP METHODS.

*Second Year.*—*Class I.*—Chabot, Walter; Baily and Balleny, equal; Eve and Wood, equal; James (H. T.) and Low, equal; Rolleston and Savage, equal; Halpenny and Hare and Lévêque and McMaster and Riva, equal. *Class II.*—Chalker and Hooper and Hopper, equal; Munro (G. H.); Couture and Ellis, equal; Fairbanks and Herscovitch and Hovey and Smith (D. F.), equal; Granik, Miller; Gauthier and Hambly, equal; Greenberg and Shortall, equal; Gilmour and Mills (C. G.) and Nelligan and Weames, equal; McNab and Murray and Ross (H. G.) and Sharples and Taylor and Wardleworth, equal; Prudham and Stevens, equal; Howe and Hyman and Logan and Paterson (A. P.), equal; Graham and Malone, equal; Boulton and Lane and Pinhey and Price, equal. *Class III.*—Berridge and Roome, equal; McDiarmid and Parker and Smith (H. E.), equal; Bourne; Conner and Vickerson, equal; Farrar and Gross and Hamilton and Warren and Watson, equal; Abbott and Burland and Gray-Donald and McMillan, equal; Bouchard and Manville, equal; Bickford and Dingman and Gray and Sharpe and Wilson, equal; Gordon and Merritt and Napier and Vernot, equal; McNaughton; Branscombe and Cope and Giles and James (W. A.) and Ross (S. H.), equal; Bromilow and Pitt and Smith (M. K.), equal; Allcorn and Anson and Cottee and Norton and Nutting and Partidge and Paterson (D. K.) and Pigot and Stewart (D.), equal.



*First Year.*—*Class I.*—Reid, Rinfret, Olver; Hutchins and Mules, equal; Webster and Winter, equal; Airey; Barrett (R. E.) and Noyes and Walter, equal; Kingston and McClung, equal; Bladon and Crombie and Harkness and Scofield, equal. *Class II.*—Costigan and Lister and Rutherford, equal; Macklin and Neroutsos, equal; Hearn and Henderson and Moore, equal; Darling and Hodina and Mahoney and Milligan and Seagram and Weir, equal; Bauman and Baxter and Wilson, equal; Mulligan and Upton, equal; Bremner and Dixon and Hughston, equal; Smith; Falconer and Hamilton (W. B.) and McKyes and Tatley, equal; Bellew and Craig and Nathanson and Plant and Young, equal; Easterbrook and Evans and Fellowes and Harvey and Mercier and Thomson, equal; Clarke and Converse and Findlay and Scanlan and Snowball, equal; Brodie and Racey, equal. *Class III.*—Heeney and Marshall and Robertson, equal; Allison and Caswell and Gilletz and Ridgewell, equal; Wright; Hughes and Kerr, equal; Barrett (R. J.) and Crépeau and Mowat, equal; Lyons; Munro (D. S.) and Savoie, equal; Dufresne and Harris and McKenzie and Murphy and Thériault, equal; Danford and Maher, equal; Cooper (D. F.); Archambault and Brown and Howard and Patterson, equal; Goldie and Knowlton, equal; Bell; Mace and Simon, equal; Jones.

#### SHOP PROCESSES AND MANAGEMENT.

*Third Year.*—*Class I.*—Dick, Archer, Lanctôt. *Class II.*—McCall, Loomis; Fairbairn and Kaye and Stewart, equal; Addie and Farrell and Findlay and Fry and Kent (K. M.) and Trenholme, equal. *Class III.*—Brumell, Fleming, Luxton, Foy, Burroughs, Goodall, Butler; Buchanan and Ferrabee, equal.

#### SHOPWORK.

*Fourth Year.*—*Class I.*—Harbert; Bown (C. R.) and Dewis and Starratt and Tucker, equal; Caldwell and Rainnie and Taylor, equal; Steeves and Timmis, equal; Mitchell (G. M.) and Woollcombe, equal; Bieler and Bloomfield and Fotheringham and Jenks and LeBaron and McLaren (A. B.) and Macrae and Scott (J. M.), equal. *Class II.*—Cuttle and Foss (D. B.), equal; Binns and Cross and Jordan and McLeod and Renouf, equal; Wylde; Carpenter and MacInnes and Munro (G. H.) and Velasco, equal; Baillie; Malone and Sherrard, equal; Bell and Holden and Powell (F. E.), equal; Friedman and Kirsch, equal; Fagan and McCaw and McLagan, equal; Budden; Moran, Roquet, Scott (L. J.). *Class III.*—None.

*Third Year.*—*Class I.*—Stewart; Lanctôt and McCall, equal; Kaye, Trenholme, Brumell, Loomis. *Class II.*—Archer and Buchanan and Miller, equal; Farrell and Luxton, equal; Burroughs and Evans and Fairbairn, equal; Findlay and Foy, equal; Butler and Ray, equal; Goodall and Kent (K. M.), equal. *Class III.*—Addie, Ferrabee.

*First Year.*—*Class I.*—Hodina and Mahoney and Reid, equal; Weir, Mercier, Ross. *Class II.*—Costigan and Olver and Winter equal; Rinfret, Gilletz, McKyes; Crépeau and Darling and Dufresne and Kingston and Lister and Wilson, equal; Bauman and Dixon and Evans and Hutchins and Mulligan, equal; Barrett (R. E.) and Brodie and Hearn and King and Racey and Upton, equal; Bladon and Converse and Danford and Mowat and Noyes and Scofield, equal; Brown; Archambault and Baxter and Harkness and Harris and Harvey and Munro (D. S.), equal; Clarke and Falconer and Macklin and Thériault, equal; Easterbrook and Hughston and Jones and Plant, equal; Airey and Craig and Howard and Kerr and Patterson and Seagram, equal; Allison and Coyle and McClung and Milligan and Murphy and Neroutsos and Ridgewell and Simon and Wall and Young, equal; Henderson and Webster, equal. *Class III.*—Goldie and McKenzie and Maher and Nathanson and Walter, equal; Lyons; Bellew and Rutherford, equal; Kennedy, Crombie, Martin; Findlay and Heeney, equal; Ikovitch and Savoie, equal; Bell and Wright, equal; Mondéhard, McAvity, Thomson.

#### STRENGTH OF MATERIALS.

*Fourth Year.*—*Class I.*—Laidley, McKindsey. *Class II.*—Culpeper, Crain, Kelly, Finlayson. *Class III.*—Smallhorn, Lawrence, Reid; Eadie and Harling, equal; MacKenzie; Simpson (R. L.) and Stephen, equal; Brisbane and Champion, equal; O'Shaughnessy, Johnson; Macnutt and Morin and Simpson (A. E.), equal.

*Third Year.*—*Class I.*—Richardson; Benjamin and Darling, equal; Howes and Shlakman, equal; Manson and Muir and Stockwell, equal; Furness. *Class II.*—Pringle, Forbes; Taylor (J. A.) and Wickwire, equal; Plow and Rochester, equal; Ashby and Foggo and Kaye, equal; Becking and Sweny, equal; Gravel and Lanctôt and Leslie and Wood, equal; Finlayson (A. W.) and McCall and Maxwell and Stewart, equal; Ambrose and Andrews and Barnes and Campbell (A.) and Cochran and Spriggs, equal; Dineen and Foy and James and O'Brien, equal; Borden and Phipps and Shaw and Wilson (H. S.), equal. *Class III.*—Gillett and Hamel and MacDonald (J.), equal; Dick and Donohue and Trenholme, equal; Cromwell;

Campbell (F. R.) and Gordon, equal; Douglas and Lane and Mitchell equal; Brown and Osler and Wyse, equal; Delcellier and Finlayson (S. M.) and Kent (K. M.) and Matheson and Reaper, equal; Luxton and Miller, equal; Buchanan and Farmer, equal; Bostock; Buzzell and Duchemin and Evans and Ferrabee and Kent (A. D.) and McLaren and Malone and Watson, equal.

#### STRUCTURAL ENGINEERING.

*Third Year.—Class I.*—Campbell (A.), Shaw; Darling and Dick, equal; Kaye, Stewart; Farnworth and Lanctôt, equal; McCall; Leitch and Loomis and Manson and Taylor (J. A.), equal; Barnes and Hamel and Trenholme and Wickwire, equal; James and Stockwell, equal. *Class II.*—Becking and Matheson, equal; Campbell (F. R.), Delcellier, Andrews; Foy and Pollock, equal; Donohue; Maxwell and Ridout, equal; MacDonald (J.) and Muir and Osler, equal; Buzzell and Finlayson (A. W.) and Hayes, equal; Gordon and Sweny and Wyse, equal; Higgerty, Warren (F. B.). *Class III.*—Findlay and Rochester, equal; Burroughs and Foggo and Mitchell, equal; Kent (K. M.) and Snyder, equal; Farrell; Cochran and Holland, equal; Archer and Forbes and Ogilvy and Reaper, equal; Stethem and Wilson (H. S.), equal; O'Brien; McLaren and Rumpel, equal; Luxton, Bostock; Fairbairn and Kirby and Moore, equal; Lane; Creery and Dineen and Ferrabee and Fleming and Fry and Goodall and Mulligan and Timmins, equal.

#### SUMMER ESSAYS.

*Fourth Year.—(Chemical Engineering and Chemistry Courses.)—Class I.*—Munro; Ambridge and Carsley, equal; Read and Toole, equal; Bown and de Salaberry and Pangman and Shotwell and Steacie and Williams, equal. *Class II.*—Allan and Connell and Davies and Sherwood and Yorston, equal; Griffith and Matheson and Radley, equal; Vrooman. *Class III.*—Chorney and Graham and Wetmore, equal; Desbarats and Schleifstein, equal.

*Fourth Year.—(Civil Engineering Course.)—Class I.*—Lawrence and Stephen, equal; Culpeper, Hamel. *Class II.*—Gilbert and McKindsey, equal; Cooper; Crain and Eadie and Johnson and Kelly and Laidley and Simpson (A. E.) and Spriggs, equal; Brisbane and Champion and Finlayson and Smallhorn, equal; Macnutt and Reid and Simpson (R. L.), equal. *Class III.*—Cox and Plow, equal; Harling, Morin.

- Fourth Year.*—(*Electrical Engineering Course*).—*Class I.*—Cregeen; Buller and Jackson and Spriggs, equal; Dalrymple; Munro and Mills, equal; Moore; Abbott-Smith and Dormer, equal. *Class II.*—Armstrong, Ross, Elkington; Brough and Dickinson, equal; Antliff and Smith (A. W. S.), equal; Terrance and Curtis and Knapp and Oliver (J. H.) and Smith (R. M.), equal; Craik and Fleming and Kezar and Shier, equal; Goldberg and Rochester, equal; Hague and Peters and Rorke, equal. *Class III.*—Horsey; Cleveland and Oliver (C. J.), equal; Bishop and Deslover and Patton, equal; Foster; Gaudet and McCracken and Stirling, equal; Ahern and Chisholm and Grant, equal.
- Fourth Year.*—(*Mechanical Engineering Course*).—*Class I.*—McLagan and Webster, equal; Harbert. *Class II.*—Cuttle and Fagan and Foss and LeBaron and Moran and Munro and Woollcombe and Wylde, equal; Budden; Bieler and Binns and Blackall and Carpenter and Cross and Dewis and McLaren (A. B.) and Macrae and Roquet and Steeves and Taylor and Timmis and Sherrard, equal; Bloomfield and Bown and Caldwell and Holden and Jenks and Jordan and McCaw and MacInnes and MacLaren (A. R.) and Renouf and Scott (L. J.) and Velasco, equal. *Class III.*—Baillie and McLeod and Malone and Powell and Mitchell and Rainnie, equal; Scott (J. M. D).
- Fourth Year.*—(*Metallurgical Engineering Course*).—*Class I.*—Layne, Whittemore; Faith and McNaughton, equal; Davis. *Class II.*—Kennedy and Powell and Turnbull, equal; Murphy. *Class III.*—Gamble, Bleau.
- Fourth Year.*—(*Mining Engineering Course*).—*Class I.*—Gordon, Jerrom, Finley; Legg and O'Heir and Streadwick, equal. *Class II.*—Jones, Foss; Bishop and Pelletier, equal; Gegg; Buffam and Woods, equal; Denis; Davidson and Grant, equal. *Class III.*—Bradshaw, Taschereau, Duff, Brodeur.
- Third Year.*—(*Chemical Engineering Course*).—*Class I.*—None. *Class II.*—Higgerty and Rochester, equal; Robinson and Rumpel, equal; Kirby and MacDonald (J.), equal. *Class III.*—Macdonald (H. F.).
- Third Year.*—(*Civil Engineering Course*).—*Class I.*—Shaw, Campbell. *Class II.*—Stethem; Leitch and Wyse, equal. *Class III.*—McLaren and Wickwire, equal; Mitchell.
- Third Year.*—(*Electrical Engineering Course*).—*Class I.*—Benjamin; Finlayson and Phipps, equal; Borden and Wilson (C. T. R.), equal. *Class II.*—Douglas and Furness, equal; Ashby and Pringle and Watson, equal. *Class III.*—VanKoughnet and Warren, equal.

*Third Year.*—(*Mechanical Engineering Course*).—*Class I.*—Dick. *Class II.* Brumell and Butler, equal. *Class III.*—Burroughs and Fairbairn and Ferrabee and Loomis, equal; Addie and Fry and Luxton and Ray, equal.

*Third Year.*—(*Metallurgical Engineering Course*).—*Class I.*—Sweny. *Class II.*—None. *Class III.*—None.

*Third Year.*—(*Mining Engineering Course*).—*Class I.*—None. *Class II.*—Timmins, Hague, Cave. *Class III.*—None.

#### SUMMER READING.

*Third Year.*—*Class I.*—Richardson, Brown; Shlakman and Wood (R.), equal; Campbell, Gravel. *Class II.*—Creery, Malone; Manson and O'Brien, equal; Cochran; Mercier and Ridout, equal; Miller; Howes and Snyder (H. G.) and Wilson (H. S.), equal; Maxwell; Barnes and Becking, equal; Holland and McCall and Woolsey, equal; Buzzell and Lane and Leslie, equal; Lanctôt and Muir, equal. *Class III.*—Findlay, Ferguson; Ogilvy and Taylor (J. A.), equal; Delcellier; Kent (A. D.) and Osler, equal; Shatford, Matheson, Kaye; Buchanan and Gillett and Gordon, equal; James; Darling and McGillis and Pollock and Stewart, equal.

*Second Year.*—*Class I.*—Lane, Hamilton (R. M. P.); Cochran and Farrar, equal; Chabot; Baily and James (H. T.) and Lévêque and Merritt and Pinhey (W. H.), equal. *Class II.*—James (W. A.) and Prudham, equal; Sharples, Hambly, Malone; Berridge and Gilmour, equal; Bromilow; Bourne and Eve and Halpenny and Hovey and Partidge and Pigot and Rolleston, equal; Connor and Cottee and Donnelly and Paterson and Potter and Ross (S. H.), equal. *Class III.*—Craig and Norton, equal; Balleny and Ellis and Munro (W. D.) and Murray, equal; Boulton and Hopper and Stewart (D. G.), equal; Abbott and Anson and Branscombe and Graham and Shortall and Wardleworth, equal; Bartlett and Burland and Chalker and Gray (D. A.) and Hooper and Howe and McMaster and McMillan and Miller (J. J. H.) and Riva, equal; Vickerson; Bedee and Boyd (D.) and Gordon and Gross and Sharpe (J. M.), equal; Allcorn and Almond and McNaughton and Meikle and Moore (J. G. W.) and Wood, equal; Nutting and Weames, equal; Cram and Hyman and Low and Napier and Vernot and Stevens, equal.

#### SUMMER SCHOOLS.

*Fourth Year.*—(*Metallurgical Works*).—*Class I.*—Layne, Powell (A. T.); Faith and McNaughton, equal. *Class II.*—Davis (W. W.), equal. *Class III.*—Murphy, Gamble; Bleau and Kennedy and Turnbull, equal.

*Third Year.*—(*Inorganic Qualitative Analysis*).—(*May School*).—*Class I.*—Ridout. *Class II.*—Matheson. *Class III.*—Robinson; Barnes and Manson, equal; Rumpel; Farnworth and Malkevitch, equal; Higgerty and Rochester, equal.

(*September School*).—*Class I.*—Taylor. *Class II.*—Creery, Ambrose, Kent. *Class III.*—Kirby, Macdonald (H. F.), MacDonald (J.).

*Third Year.*—(*Inorganic Qualitative Analysis Laboratory*).—(*May School*).—*Class I.*—Matheson, Farnworth, Barnes; Ridout and Rumpel, equal; Higgerty. *Class II.*—Malkevitch; Manson and Robinson, equal. *Class III.*—Rochester and Stockwell, equal; Giles and Taylor (M. B.), equal.

(*September School*).—*Class I.*—Creery. *Class II.*—Taylor, Kirby; Ambosre and Kent, equal. *Class III.*—Macdonald (H. F.), Macdonald (J.).

*Third Year.*—(*Shopwork*).—(*May School*).—*Class I.*—Snyder (H. G.), Lanctôt, Miller and Trenholme, equal; McCall, Logan. *Class II.*—Stewart, Gravel, Foy, Buchanan; Butler and Smith, equal; McLaren, Goodall Kent. *Class III.*—Addie (D. K.).

(*September School*).—*Class I.*—Ray, Ferrabee. *Class II.*—Loomis, Fry. *Class III.*—None.

#### SURVEYING.

*Third Year.*—(*Civil Engineering*).—*Class I.*—Campbell (A.), Darling. *Class II.*—Delcellier, James, Buzzell, Maxwell, Finlayson (A. W.) and Forbes, equal; Wickwire. *Class III.*—Shaw, Campbell (F. R.); Mitchell and Reaper, equal; Leitch and Warren (F. B.), equal; Dineen; Andrews and Ogilvy, equal; Wyse; McLaren and O'Brien and Pollock, equal; Mulligan and Stethem, equal.

*Third Year.*—(*Mining Engineering*).—*Class I.*—Gordon, Osler. *Class II.*—Duchemin, Holland, Cochran; Becking and Ferguson, equal; Wilson (H. S.). *Class III.*—Hayes and Muir, equal; Cave and Snyder, equal; Moore, Timmins; Bostock and Shatford, equal.

*Second Year.*—*Class I.*—Riva; Chabot and Eve, equal; Bartlett and Gordon, equal; Balleny and Gilmour, equal; Conner, Sharples, Baily, Lane, Prudham; Ellis and Hovey and Murray, equal; Partridge; Abbott and Anson and Watson, equal. *Class II.*—Greenberg and Mills (C. G.), equal; Shortall; Paterson (A. P.) and Ree and Ross (S. H.) and Wardleworth, equal; Farrar and Hyman and James (H. T.) and McDiarmid, equal; Smith (M. K.); Granik and Logan and McMaster, equal; Cope and Fairbanks and Gross and Norton and Pitt and Warren, equal; Chalker and Malone, equal; Berridge and Dingman and Lévêque and Ross (H. G.) and Vernot, equal; Kyle and Low and Potter and Stevens and Vickerson, equal; Couture and Merritt, equal; Branscombe and James (W. A.) and

Smith (H. E.), equal; Almond and Napier and Taylor, equal; Hamilton and Manville, equal. *Class III.*—Hambly and Mace and Sharpe, equal; Burland and Cochran and Paterson (D. K.) and Wilson, equal; Giles and Pinhey and Wood, equal; Bedee and Graham, equal; McNab; Gray and Roome, equal; Gray-Donald and Stewart (D.), equal; Herscovitch and Munro (W. D.) and Nutting, equal; Bromilow and Howe, equal; Parker and Walter, equal; Boulton; Allcorn and Halpenny and Smith (D. F.), equal; Nelligan; Hare and Hopper and McNaughton and Miller and Mills (A. K.) and Pigot and Rolleston and Sladen and Whittall, equal.

#### SURVEYING FIELDWORK.

*Third Year.*—(*May School*).—*Class I.*—Becking, Buzzell, Darling, Pollock; Cochran and Shatford, equal; Delcellier and James and Shaw, equal. *Class II.*—Davidson and Ferguson and Muir and Ogilvie, equal; Hayes and Warren, equal; Cornell, Finlayson, McLaren; Andrews and Timmins, equal; Campbell (F. R.) and Draper, equal; Cope and Mitchell, equal; Lane. *Class III.*—Wanklyn, Smeaton, Williamson, Anderson, Ree, Moore, McNab, Holland, Forbes, Donohue, Burroughs.

*Second Year.*—(*May School*).—*Class I.*—Chabot, Eve, Watson, Granik, Farrar. *Class II.*—Bromilow and Hooper and Norton, equal; Wood, Weir; Balleny and Gray-Donald and Manville and Sharples and Taylor, equal; Weames, Herscovitch; Bickford and Hopper and James (H. T.) and Riva and Smith (H. E.) and Wardleworth, equal; Coulborn and Durham and Graham and Roome and White, equal; Abbott and Miller (J. J. H.) and Rolleston and Stevens, equal; Bartlett and Boulton and Conner and Gordon and Wilson, equal. *Class III.*—Napier and Pigot and Smith (D. F.) and Stewart (H. M.) and Warren, equal; Cochran and Halpenny and Hamilton and Partridge and Paterson (D. K.), equal; Bourne and Hinchcliffe and Howe and Lévêque and Phillips, equal; Baily and Gross and Low and McDiarmid and McNaughton and Merritt and Parker, equal; Berkson and Gray and Greenberg and Malone and Prudham and Shortall and Sladen, equal; Branscombe and Dingman and Eggertson and Gilmour and McMillan and Pinhey, equal; Bedee and Chalker and Craig and Mace and Wallace and Williams (L. H.), equal; Ellis and Fairbanks and Nelligan and Potter and Sharpe (J. M.), equal. *Class III.*—Pitt and Ross (H. G.) and Savage and Williams (H. M.), equal; Burland and Hovey and Lane and Ross (S. H.) and Stewart (D.), equal; Berridge and Cottee and Robertson, equal; Mills (A. K.); Cooke and Crépeau and Hyman, equal; Archibald (I. T.) and Almond and Kyle and Mills (C. G.) and Vickerson and Walker, equal.

## THEORY OF STRUCTURES,

*Fourth Year.*—*Class I.*—Eadie, Lawrence; Culpeper and Stephen; equal. *Class II.*—Johnson and Laidley, equal; O'Shaughnessy, Smallhorn, Reid, Simpson (A. E.); Crain and McKindsey, equal; Simpson (R. L.), Finlayson. *Class III.*—Macnutt, Champion, Gilbert, Brisbane, Morin, Harling; Kelly and MacKenzie, equal.

## THERMODYNAMICS.

*Fourth Year.*—*Class I.*—Webster, Woollcombe, Harbert. *Class II.*—Bell; Bloomfield and Dewis, equal; Rainnie, Foss (D. B.), Velasco, Blackall. *Class III.*—Budden and McLagan, equal; Jordan and Wylde, equal; Mitchell (G. M.), Binns; Caldwell and McLeod and Scott (J. M.) and Scott (L. J.) and Timmis, equal; Sherrard; Black and McInnes and Malone and Moran, equal; Bieler and Carpenter and Powell (F. E.), equal; McCaw; Bown (C. R.) and LeBaron and Renouf and Roquet and Steeves, equal.

*Third Year.*—*Class I.*—Howes, Shlakman; Dick and Foy, equal; Richardson; Kirschberg and Wood, equal; Phipps, Pringle; Geddes and Gravel, equal. *Class II.*—Farmer; Borden and Stewart, equal; Douglas and Furness, equal; Leslie, Malone; Buchanan and Finlayson (S. M.), equal; Benjamin and Loomis, equal; Watson; Ashby and Gillett, equal; Lanctôt and McCall and Warren (W. A.), equal. *Class III.*—Addie, Brown, Trenholme, Burroughs, Kaye, Miller; Fairbairn and Ferrabee and Findlay and Fry, equal.

## WATER SUPPLY AND SEWERAGE.

*Fourth Year.*—*Class I.*—Spriggs (R. H.). *Class II.*—None. *Class III.*—None.

## WASTE DISPOSAL.

*Fourth Year.*—*Class I.*—None. *Class II.*—Spriggs (R. H.). *Class III.*—None.

## WORKS ORGANIZATION AND ACCOUNTING.

*Fourth Year.*—*Class I.*—Woollcombe, Fagan, Binns, LeBaron; Bell and Carpenter and Dewis and Harbert and Jordan, equal; Cuttle and Foss (D. B.) and Timmis, equal; Bloomfield, Baillie; Cross and McLeod (R. N.) and Renouf, equal; Steeves, Roquet, Scott (L. J.); Holden and MacInnes and McLagan and Mitchell (G. M.) and Rainnie, equal. *Class III.*—Bown (C. R.) and Budden and Webster, equal; Blackall and Moran and Taylor and Tucker and Wylde, equal; Bieler and Macrae, equal. Powell (F. E.), Fotheringham; Caldwell and Kirsh and McCaw and Scott (J. M.), equal.