

McGill University

SESSIONAL EXAMINATIONS, 1920-21.

REPORT OF THE Faculty of Applied Science.

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

(Names in alphabetical order.)

- Anderson, Alexander Gordon—Honours in Electrical Engineering.
- Bain, George W.—LeRoy Fellowship in Geology; British Association Medal; Honours in Ore Deposits and Economic Geology.
- Brow, James Barratt—Honours in Ore Deposits and Economic Geology.
- Canning, Dow Vernon—Honours in Physics.
- Congleton, John Brooke (Lord)—British Association Medal; Honours in Machine Design, Mechanical Laboratory and Experimental Engineering, Power Plant Design, Thermodynamics, and Hydraulics; Crosby Steam Gauge and Valve Company's Prize for Summer Essay.
- Croft, Carman Milward—British Association Medal; Honours in Physical Chemistry, Industrial Organic and Inorganic Chemistry.
- Cromwell, Harry Roy—Honours in Ore Deposits and Economic Geology.
- Cunningham, Frederick James—British Association Medal; Honours in Electrical Engineering, Geodetic Fieldwork, Municipal Engineering, Strength of Materials, Theory of Structures, and Hydraulics.
- Dewar, Charles Leonard—Douglas Fellowship in Mining; Honours in Ore Dressing and Laboratory; Undergraduates' Society's First Prize for Summer Essay.
- Fortin, Gaston Lalonde—Honours in Municipal Engineering.
- Fowler, Wallace W.—Honours in General Metallurgy; Metallurgical Laboratory Thesis and Design; The Milton Hersey Prize for Summer Essay.

- Gliddon, W. G. Claude—British Association Medal; Honours in Physics, Electric Light and Power Distribution, and Electric Traction.
- Harrison, Donald Ranald—British Association Medal; Honours in General Metallurgy, Metallurgy, Ore Deposits, and Metallurgical Laboratory Thesis and Design.
- Jackson, Carl Henry—Honours in Electrical Design.
- Jelly, Calvin Sherwood—Honours in Physical Chemistry, and Industrial Organic and Inorganic Chemistry.
- Johnston, Harry Wyatt—British Association Medal; Honours in Physical Chemistry, Advanced Inorganic Chemistry, Industrial Organic and Inorganic Chemistry.
- Lyman, Walter Kenneth Gordon—Louis Robertson Prize for Architectural Design.
- Macphail, Jeffrey Burland—Honours in Electrical Engineering, and Municipal Engineering.
- Mawdsley, James Buckland—Honours in Mining Engineering.
- Mitchell, Frank Leslie—Honours in Industrial Organic and Inorganic Chemistry.
- Palmer, Charles Leonard—Honours in Ore Dressing and Laboratory, and Ore Deposits and Economic Geology.
- Robertson, Andrew Murray—The Drinkwater Prize for Summer Essay, and Under graduates' Society's Third Prize for Summer Essay.
- Rochester, Lloyd B.—McCall Summer Essay Prize.
- Saunders, James Erling—Dawson Fellowship in Mining; Honours in Ore Deposits and Economic Geology.
- Watson, Conrad Ethelbert—Honours in Municipal Engineering.
- Winslow, Kenelm M.—Honours in Machine Design and Thermodynamics.

PASSED FOR THE DEGREE OF BACHELOR
OF ARCHITECTURE.

Lyman, Walter Kenneth Gordon, Montreal, P.Q.

PASSED FOR THE DEGREE OF BACHELOR
OF SCIENCE.

IN CHEMICAL ENGINEERING.

(In order of merit.)

Johnston, Harry Wyatt, Montreal, P.Q.
Croft, Carman Milward, Digby, N.S.

Jelly, Calvin Sherwood, Carleton Place, Ont.
 Green, Frederick Gordon, St. John, N.B.
 Kay, Stuart Evans, Montreal, P.Q.
 Calkin, Darrell Lorraine, Kentville, N.S. } equal.
 Lordly, Guy Sterling, St. John, N.B. }
 Mitchell, Frank Leslie, Toronto, Ont.
 Lantz, Floyd Crawford, Montreal, P.Q.
 Giles, George Reid, Lachute, P.Q.
 Thomson, Walter Wilfred, Montreal, P.Q.
 Copping, Allan Blythe, Montreal, P.Q.
 Hyndman, Edward Douglas, Sherbrooke, P.Q.
 Cuddy, John Michael, Montreal, P.Q.
 McIntyre, Gordon, Montreal, P.Q.
 Yates, Christopher Montague, Montreal, P.Q.
 Forbes, Karl, Montreal, P.Q.
 Cambron, Adrien, Sherbrooke, P.Q.
 Purcell, John Metcalfe, Cobden, Ont.
 Smith, Roy Hamilton, Pictou, N.S.
 Challenger, James Othneil, St. Kitts, B.W.I.
 Goodwin, Cassels Dunbar, Baie Verte, N.B.
 Cockfield, Alfred Ernest, Montreal, P.Q.
 Stroud, William Dicker, Montreal, P.Q.

Unranked.

Parsons, Frederick Sidney, East Angus, P.Q.
 Smith, Donald Taylor, Montreal, P.Q.
 Warriner, Norman Downing, Montreal, P.Q.

IN CHEMISTRY.

(In order of merit.)

Timmerman, Everett Drinkwater, Montreal, P.Q.
 Cohen, Joseph, Ottawa, Ont.

Unranked.

Fox, Hugh Dean, Montreal, P.Q.

IN CIVIL ENGINEERING.

(In order of merit.)

Cunningham, Frederick James, Ottawa, Ont.
 Macphail, Jeffrey Burland, Montreal, P.Q.
 Fortin, Gaston Lalonde, Montreal, P.Q.
 Brault, Paul George Adrien, Montreal, P.Q.
 Gardner, John George, Montreal, P.Q.

Hannan, James, Irvington, N.Y., U.S.A.
 Watson, Conrad Ethelbert, Jamaica, B.W.I.
 O'Sullivan, Louis, Montreal, P.Q.
 Muir, Wilson James, Montreal, P.Q.
 Perrault, Rene Brunay, Montreal, P.Q.
 Loy, John Austin, Ottawa, Ont.
 Gauthier, Paul Gilles, Montreal, P.Q.
 Robertson, Andrew Murray, Montreal, P.Q.

Unranked.

(In alphabetical order.)

Drewry, John Haworth, Victoria, B.C.
 Elder, John Campbell, Montreal, P.Q.
 Farmer, Rupert Whitley, Barbados, B.W.I.
 Hart, Lawrence Folgar Carleton, Ottawa, Ont.

IN ELECTRICAL ENGINEERING.

(In order of merit.)

Gliddon, W. G. Claude, Ottawa, Ont.
 Anderson, Alexander Gordon, Buckingham, P.Q. } equal.
 Canning, Dow Vernon, Montreal, P.Q.
 Jackson, Carl Henry, Montreal, P.Q.
 Louttit, William Charles, Montreal, P.Q.
 Vineberg, Samuel Sullivan, Winnipeg, Man.
 Thompson, Gordon Maurice, Vancouver, B.C.
 Fellows, Howard, Stellarton, N.S.
 Bishop, Trenholme Allen Gill, Montreal, P.Q.
 Sloves, Moses, Montreal, P.Q.
 Eaton, Milton, Treherne, Man.
 Whelen, Morland Powers, Ottawa, Ont.
 Acton, Harold Joseph, Montreal, P.Q.
 MacDonald, Dan., Springfield, P.Q.
 Hill, Stanley Clayton, Richmond, P.Q.

Unranked.

(In alphabetical order.)

Parnell, Eric, Medford, Mass., U.S.A.
 Patton, Roy Hamilton, St. George, Ont.
 Phelan, Thomas Enslow, Montreal, P.Q. (*Aegrotat.*)
 Salamis, Basil, Leka Island, Greece.
 Stewart, Malcolm Gordon, Montreal, P.Q.

Vaughan, Harold Wilfred, Wolfville, N.S.
Wiggs, Gordon Lorne, Quebec, P.Q.

IN MECHANICAL ENGINEERING.

(In order of merit.)

Congleton, John Brooke (Lord), Montreal, P.Q.
O'Halloran, James, Ottawa, Ont.
Macfarlane, Donald Henry, Sherbrooke, P.Q.
Langstroth, Cecil Craven, Hampton, N.B.
Winslow, Kenelm M., Winnipeg, Man.
Maxwell, Edward Blythe, Montreal, P.Q.
Mooney, Reuel Burdett, Stellarton, N.S.
Hall, John G., Cornwall, Ont.
Jenckes, Kennan Brooks, Sherbrooke, P.Q.

Unranked.

Durant, Norman Morton, Parrsboro, N.S.
McCurdy, Lyall Radcliffe, New Glasgow, N.S. (*Aegrotat*)
Wilson, James Kinnear, Sherbrooke, P.Q.

IN METALLURGICAL ENGINEERING.

(In order of merit.)

Harrison, Donald Ranald, Tamworth, Ont.
Fowler, Wallace W., Montreal, P.Q.
Clark, Richard Gladstone, Bear River, N.S.
Nutter, Jack Caswell, Lennoxville, P.Q.
Jordan, Herbert Scott, Montreal, P.Q.

IN MINING ENGINEERING.

(In order of merit.)

Bain, George W., Lachute, P.Q.
Saunders, James Erling, Westville, N.S.
Palmer, Charles Leonard, London, England.
Gill, James Edward, Vancouver, B.C.
Brow, James Barratt, Charlottetown, P.E.I.
Mawdsley, James Buckland, Clemens, Alta.
Davis, Samuel, Montreal, P.Q.
Dewar, Charles Leonard, Ottawa, Ont.
Weldon, Leslie Smiley, Montreal, P.Q.
Cromwell, Harry Roy, Montreal, P.Q.
Rochester, Lloyd B., Ottawa, Ont.
Wells, Maurice Ralph, Montreal, P.Q.

Unranked.

(In alphabetical order.)

Livingstone, Kenneth Mackay, Washington, U.S.A.
 Scriver, Frederick William, Montreal, P.Q.
 Tansley, Wilfred, Wolfville, N.S.

SESSIONAL PASS LIST.

FOURTH YEAR.

IN ARCHITECTURE.

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

THIRD YEAR.

PRIZES.

(In alphabetical order.)

Banfill, Harold Leroy—Prize for Summer Essay.
 Bissell, Harold Rudolph—One-half Second J. M. McCarthy Field-
 work Prize.
 McTaggart, George Duncan—British Association Exhibition for
 Strength of Materials and Mechanics.
 Mott, Harold Edgar—British Association Prize for Strength of
 Materials and Mechanics.
 Reiffenstein, John Christopher—One-half Second J. M. McCarthy
 Fieldwork Prize.
 Wain, Eric James—First J. M. McCarthy Fieldwork Prize.

SESSIONAL PASS LIST.

THIRD YEAR.

IN ARCHITECTURE.

(In order of merit.)

* Perry, Alfred Leslie, Montreal, P.Q.
 * Morris, Robert Schofield, Hamilton, Ont.
 * Luke, Morley C., Montreal, P.Q.
 Watt, Leslie Alexander, St. Anne de Bellevue, P.Q.

* Conditional upon passing supplemental examinations.

IN CHEMISTRY.

(In order of merit.)

Binmore, George Bedell, Montreal, P.Q.
 Taylor, John Ellis, St. John West, N.B.

IN CHEMICAL ENGINEERING.

(In order of merit.)

Tatley, Lambert David, Montreal, P.Q.
 Harris, Clifford Norton, Montreal, P.Q.
 Grant, Ralph Glencoe, Montreal, P.Q.
 Brooks, Charles Lennox, Montreal, P.Q.
 Carson, Cecil Edward, Montreal, P.Q.
 * Ahern, Arthur Weston, Quebec, P.Q.
 * Gooch, Harold Cowasjee, Dundee, P.Q.
 * Farquharson, John Spencer, Constant Spring, P.Q.
 * Ross, James Hargrave Drummond, Montreal, P.Q.
 * MacNaughton, Moray Fraser, Montreal, P.Q.
 * Loebel, John Mayer, Montreal, P.Q.
 * Clarke, Ira Wallace, Bear River, N.S.
 * Fraser, Andrew Stockwell, Ottawa, Ont.
 * Woodward, Eric Raymond, Montreal, P.Q.
 * Shotwell, John Stuart Glashan, Ottawa, Ont. }
 * Wright, Weir Stanley, Montreal, P.Q. } equal
 * Boronow, Paul, Montreal, P.Q.

Unranked.

Irving, George Ewart Logan, Moncton, N.B.

IN CIVIL ENGINEERING.

(In order of merit.)

McTaggart, George Duncan, Clinton, Ont.
 Lorin, L. Gustave, Montreal, P.Q.
 Cartwright, George Herbert, Montreal, P.Q.
 * Woolward, Charles Desmond, Dominica, B.W.I.
 Bates, Ralph Orville, Belle Isle, N.B.
 Messenger, William Aubrey, Montreal, P.Q.
 Wain, Eric James, St. Lambert, P.Q.
 Spratt, Maynard James Campbell, Ottawa, Ont.
 Eager, Norman Herbert Aldwyn, Montreal, P.Q.
 * Wilder, Hartland Bates, Montreal, P.Q.

* Conditional upon passing supplemental examinations.

- * Cousineau, Charles A., Montreal, P.Q.
- * Murphy, Alexander Gordon Silcox, Montreal, P.Q.
- * Martin, Kenneth Beriah, Spokane, Washington, U.S.A.
- * Reid, Eric Arnold, Montreal, P.Q.
- * MacKeen, David Whitney, Halifax, N.S.
- * Bradfield, John Ross, Morrisburg, Ont.
- * Fisk, George Harold, Montreal, P.Q.
- * Rutherford, Andrew Scott, Montreal, P.Q.
- * Thompson, Cecil E., Ottawa, Ont.

Unranked.

Ferguson, John Alexander, Nelson, B.C.

IN ELECTRICAL ENGINEERING.

(In order of merit.)

- Mott, Harold Edgar, Winnipeg, Man.
- Bush, Harold Frederick, Ottawa, Ont.
- Bonneville, Sydney, Ottawa, Ont.
- Desbarats, George Henry, Ottawa, Ont.
- Taber, Harold Edward, Carleton Place, Ont.
- Clarke, Edward Lawrence, Montreal, P.Q.
- Mitchell, Robert John, Vancouver, B.C.
- * Paddon, John Edmund, Montreal, P.Q.
- * Russell, Jeffrey Cameron, Montreal, P.Q.
- Brown, Edmund Vere, Montreal, P.Q.
- * Kerr, George Elliott, Fernie, B.C.
- * Banfill, Harold Leroy, Richmond, P.Q.
- * Gordon, George Blair, Montreal, P.Q.
- * Handy, Lee, Vancouver, B.C.
- * Wonham, Walter Richard, Westmount, P.Q.
- * Armstrong, Lawrence Henry, Montreal, P.Q.

IN MECHANICAL ENGINEERING.

(In order of merit.)

- Biggar, Percival Elliot, Ottawa, Ont.
- Clark, George Silas, Lachute, P.Q.
- * Bastable, Ross Wallet, Lachine, P.Q.
- Morrisette, Gordon Joseph, Sherbrooke, P.Q.
- Crawford, Robert Eric Anderson, Montreal, P.Q.
- Ford, Robert, Ottawa, Ont.

* Conditional upon passing supplemental examinations.

- * Notman, James Geoffrey, Westmount, P.Q.
- Jandrew, Cyrus Bertram, Ottawa, Ont.
- * Holmes, Everett Eric, Westmount, P.Q.
- * MacNider, Clarence Henry, Westmount, P.Q.
- * McLennan, Gordon Roderick, Ottawa, Ont.
- * Robertson, John Gordon, Montreal, P.Q.
- * Holt, Ernest William, Montreal, P.Q.
- * Evans, William James, Montreal, P.Q.
- * Foss, Roy Holmes, Sherbrooke, P.Q.
- * MacGregor, Roderick Archibald, New Glasgow, N.S.

Unranked.

Wilkins, Harold Oswald Day, Norwood, Ont.

IN METALLURGICAL ENGINEERING.

(In order of merit.)

- * Humes, Harold Louis, Montreal, P.Q.
- * Duff, Edgar Cowperthwaite, Carbonear, Nfld.
- * Kyle, Donald Gordon, Montreal, P.Q.
- * Pevzner, Isadore, Montreal, P.Q.
- * McClelland, William Raymond, Halifax, N.S.
- * Hamilton, Philip Dawson Prior, Midvale, Utah, U.S.A.
- * Godard, John Stoddart, Ottawa, Ont.

IN MINING ENGINEERING.

(In order of merit.)

- Weldon, T. Herbert, Montreal, P.Q.
- Carlyle, Arthur William, Ottawa, Ont.
- Bissell, Harold Rodolph, Toronto, Ont.
- Hastings, Walter Hindson, Regina, Sask.
- Porritt, Richard Valentine, Cowichau Station, B.C.
- * Wilson, James M., Lachine, P.Q.
- * Nesbitt, Martin Bicirra, Chihuahua, Mexico.
- * Wightman, John, Digby, N.S.

SECOND YEAR.

PRIZES.

(In alphabetical order.)

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

* Conditional upon passing supplemental examinations.

Kennedy, Neil—First Prize for Mathematics and Mechanics.

Macleod, Alexander Norman—Anglin-Norcross Prize for Historical Drawing.

Moore, Reginald Arthur—Second Prize for Mathematics and Mechanics.

Webster, Robert Chilion Peter—Third Prize for Mathematics and Mechanics.

SESSIONAL PASS LIST.

IN ARCHITECTURE.

(In order of merit.)

Cooper, Hugh Christopher Dunstan, Truro, England.

* Wilson, Percy Roy, Sault Ste. Marie, Ont.

* Amos, Pierre Charles, Montreal, P.Q.

* MacDuff, Albert, Montreal, P.Q.

OTHER COURSES.

(In order of merit.)

Moore, Reginald Arthur, Edwards, B.C.

Culpeper, Bernard Armel, Barbados, B.W.I.

Buller, Francis Hamilton, Montreal, P.Q.

* Kennedy, Neil, Owen Sound, Ont.

Layne, John Graham, Barbados, B.W.I.

Harbert, Edward Thomas, Montreal, P.Q.

Wood, Robert W., Montreal, P.Q.

Yorston, Frederic Harrison, Montreal, P.Q.

Cregeen, Kenneth Thomas, Montreal, P.Q.

Bloomfield, Jacob, Montreal, P.Q.

Steacie, Edgar William Richard, Montreal, P.Q.

Sherwood, Thomas K., Montreal, P.Q.

Read, Douglas Ellery, Sherbrooke, P.Q.

Stephen, Gordon Robert, Montreal, P.Q.

Toole, Francis James, London, England.

Laidley, Wendell Howard, Montreal, P.Q.

* Radley, Percy Edward, Ottawa, Ont.

Oliver, James Harold, Rockburn, P.Q.

Munro, David John Best, Montreal, P.Q.

* Webster, Robert Chilion Peter, Ottawa, Ont.

Smith, Robert Macfie, Moose Jaw, Sask.

Rorke, Charles Burnell, Montreal, P.Q.

} equal.

* Conditional upon passing supplemental examinations.

- Matheson, Arthur Marshall, Ottawa, Ont.
 Ambridge, Douglas White, Mexico City, Mexico.
 Connell, Gerald P., Ottawa, Ont.
- * McNaughton, Ronald Russel, Victoria, B.C.
 Craik, Oliver Stanley, Melbourne, P.Q.
 Johnson, William James, Lachine, P.Q.
 McKindsey, Gordon, Lennoxville, P.Q.
- * Turnbull, Andrew Rutherford, Niagara Falls, N.Y.
 Abbott-Smith, Harry B., Montreal, P.Q.
 Gordon, Harold Cowan Morton, Glace Bay, N.S.
 Binns, George Frederick, Montreal, P.Q. } equal.
 * Ross, Malcolm Vaughan, Quebec, P.Q. }
- * Eadie, Thomas Wardrope, Ottawa, Ont.
 Blackall, John Fenwick Walker, St. John's, Newfoundland.
 Chisholm, Joseph Donald, Antigonish, N.S.
 Finlayson, Harold Musgrove, Montreal, P.Q.
 Powell, Allan Trew., Ottawa, Ont.
 McLagan, Thomas Rodgie, Montreal, P.Q.
 Legg, Roland Edward, Victoria, B.C. } equal.
 Patton, Hugh Bradford, Montreal, P.Q. }
- Allan, John Maynes, Halifax, N.S.
- * Timmis, Harold Gordon, New York, N.Y., U.S.A.
 * Smith, Archie Ewart, Brandon, Man.
 Terrance, Emmett Howard, Ottawa, Ont.
- * Woollcombe, Edward Mickle, Rockliffe, Ottawa, Ont.
 Grant, Grainger Stewart, Halifax, N.S.
- * Davies, Clarence Bernard, Ottawa, Ont.
 Gegg, Richard Conrad, Hongkong, China.
- * Rochester, Bertram Cole, Ottawa, Ont.
- * Horsey, Richard Mountstephen, Montreal, P.Q.
 Desbarats, Harrison Jean, Montreal, P.Q.
- * Tallon, Joseph Andrew, Quebec, P.Q.
 Downs, Henry William, Lennoxville, P.Q.
- * Mills, Charles Perkins, Ottawa, Ont.
 Lea, Harry Windsor, Victoria, P.E.I.
- * Griffith, Thomas Raymond, Montreal, P.Q.
- * Faith, Willard Vanamber, Winchester, Ont.
 Peters, Arthur Wright, Montreal, P.Q. } equal
 Simpson, Richard Loudon, Montreal, P.Q. }
 Whittemore, Carl Raymond, Trail, B.C. }
- LeBaron, Karl Shurtleff, Sherbrooke, P.Q.
 Bishop, Eric Gordon, Bonavista Bay, Newfoundland .

* Conditional upon passing supplemental examinations.

- * Katz, Morris, Montreal, P.Q.
 * Budden, Arthur Napier, Montreal, P.Q.
 * Graham, George Patterson, New Glasgow, N.S.
 * Armstrong, Arnold Victor, Montreal, P.Q.
 * Kezar, George Lennox, Ottawa, Ont.
 * Dalrymple, Edward Ross, Montreal, P.Q.
 * Cuttle, William Gordon, Montreal, P.Q.
 * Deslover, Raymond, Montreal, P.Q.
 Foss, Donald Burrowes, Sherbrooke, P.Q.
 * Jones, Frederic Howden, Victoria, B.C.
 * MacLaren, Albert Roy, Buckingham, P.Q.
 Reid, Howard Edward, Granville Ferry, Anna. Co., N.S. } equal.
 * Champion, Cecil Hugh, Chateauguay Basin, P.Q.
 * Brough, Frank Sheldon, Montreal, P.Q. }
 * Denis, Bertrand Tyrrell, Quebec, P.Q. } equal.
 * Malone, Wm. Harcourt, Montreal, P.Q. }
 * Hague, Edward Cousins, Montreal, P.Q.
 * McCaw, John Blacklock, Sherbrooke, P.Q.
 * Moran, Taylor Matthew, Ottawa, Ont.
 * Velasco, Edward Marmanillo, Cwyco, Peru, So. America.
 * Brisbane, William Gordon, Montreal, P.Q.
 * Bradshaw, Gordon Rothwell, Nelson, B.C.
 * Crain, George Edwin, Ottawa, Ont.
 * Gaudet, Gaston, Valois, P.Q.
 * Gilbert, Edgar Valentine, Montreal, P.Q.
 * Taschereau, Rogers Harwood, Ottawa, Ont.
 * Scott, James McDonald, Valleyfield, P.Q.
 * Brumell, John Hunter, Buckingham, P.Q.
 * Jackson, Lawrence Wright, Ottawa, Ont. }
 * Pelletier, Rene Arthur, Montreal, P.Q. } equal.
 * Elkington, Gerald Erlam, Duncan, V.I., B.C.
 * Smith, Adam Wyndham Simpson, London, Ont. }
 * Streadwick, Ralph Donell St. George, Jamaica, B.W.I. } equal
 * Gamble, Robert Bruce, Ottawa, Ont.
 * Dormer, William John Smylie, Lennoxville, P.Q.
 * Bieler, Jacques Louis, Montreal, P.Q.
 * Finley, Frederick Lovell, Montreal, P.Q.
 * Dickinson, Albert Godfrey, Vancouver, B.C.
 * Buffam, Basil Scott Whyte, Perth, Ont.
 * Fagan, James Wilfrid, Montreal, P.Q.
 * Powell, Fraser Edwin, Ottawa, Ont.
 * Patterson, Thomas Britton, Lumsden, Sask.

* Conditional upon passing supplemental examinations.

- * Livingstone, Arnold Clarence, Montreal, P.Q.
- * Cooper, Paul Emerson, Portland, Me., U.S.A.

Unranked.

(In alphabetical order.)

Anderson, Dan, Charlottetown, P.E.I.
 Benett, Charles Morgan, Brantford, Ont.
 Brown, George Basil, Montreal, P.Q.
 Chorney, Melvin Mendel, Montreal, P.Q.
 Drummond, Ross Newton, Montreal, P.Q.
 Gibbs, John Hodgson, Buckingham, P.Q.
 Glen, Alexander Fulton, Ste. Agathe des Monts, P.Q.
 Jue, Peter Bay, Montreal, P.Q.
 Kennedy, Charles Laurence, Parkdale, Man.
 McDougall, Donald Hamilton, Montreal, P.Q.
 Patterson, Kenneth Breck, Montreal, P.Q.
 Ramsey, Kenneth McPherson, Quebec, P.Q.
 Reed, Gordon, Montreal, P.Q.
 Simons, John Joseph, Michel, B.C.
 Tucker, Bryant Burgess, Chumleigh, N. Devon, England.

FIRST YEAR.

PRIZES.

(In alphabetical order.)

Atkinson, Alfred Lyford Courtenay—Scott Exhibition for Mathematics, Descriptive Geometry and Physics.
 Howes, Fred Stanley—Second Prize for Mathematics, Descriptive Geometry and Physics.
 Shaw, Gerald Edison—First Prize for Mathematics, Descriptive Geometry and Physics.

SESSIONAL PASS LIST.

IN ARCHITECTURE.

(In order of merit.)

Consiglio, Franco, Montreal, P.Q.
 * Adams, Frederick Johnstone, Ottawa, Ont.

* Conditional upon passing supplemental examinations.

OTHER COURSES.

(In order of merit.)

- Atkinson, Alfred Lyford Courtenay, Vermillion, Alta.
 Howes, Fred. Stanley, Windsor, Ont.
 Shaw, Gerald Edison, Windsor, Ont.
 Lanctot, Raymond, Montreal, P.Q.
 Shlakman, Victor, Montreal, P.Q.
 McCall, Alan Drummond, Montreal, P.Q.
 Delcellier, Henry Aime, Montreal, P.Q. } equal.
 * Mercier, Alexander, Montreal, P.Q. }
 * Snyder, Herbert Graff, Waterloo, Ont.
 James, Arthur Lorne, Montreal, P.Q. } equal.
 Phipps, Charles Ferdinand, Victoria, B.C. }
 Benjamin, Abraham, Montreal, P.Q.
 Kent, Kenneth MacIvar, Montreal, P.Q.
 Dick, George McKinstry, Sherbrooke, Que.
 Darling, Arthur Balfour, Montreal, P.Q.
 Becking, John Albert, Sault Ste. Marie, Ont.
 Manson, Francis St. Clair, Montreal, P.Q.
 Stewart, Donald Laughlin, Dunvegan, Ont.
 Barnes, William Howard, Montreal, P.Q.
 Buzzell, Henry Walter, Abbotsford, Que.
 Ferguson, William Patterson, Ottawa, Ont.
 Ogilvy, Robert Forrest, Hamilton, Ont.
 * Warren, Frank Bishop, Toronto, Ont.
 Finlayson, Archie Wallace, Montreal, P.Q.
 * Rochester, William Lawrence, Ottawa, Ont.
 Goodall, Ernest Lorne, Ottawa, Ont.
 Matheson, George Lawrence, Ottawa, Ont.
 Kirschberg, Arthur A., Montreal, P.Q.
 Cochran, Thomas Patrick, Torquay, England.
 Freedman, Ernest, Montreal, P.Q.
 Higgerty, Henry Bradley, Ottawa, Ont.
 Holland, Edwin, Leamington Spa, England. } equal.
 Paterson, Alexander Pierce, St. John, N.B. }
 * Pringle, John Buchanan, Montreal, P.Q.
 Malone, Michael Patrick, Montreal, P.Q.
 Finlayson, Stuart Milner, Montreal, P.Q.
 Hayes, Roland Earle, Ottawa, Ont.
 Braithwaite, Ethan Edward, Sherbrooke, P.Q.
 Fairbairn, John Macfarlane, Montreal, P.Q.

* Conditional upon passing supplemental examinations.

- * Dion, J. Edgar, Ottawa, Ont.
 Trenholme, George Henry, Montreal, P.Q.
- * Miller, Arthur Pirie, Montreal, P.Q.
- * Archer, Aubrey Clifford, Hastings, Barbados, B.W.I. }
 Lane, Wilfred Le Mesurier, Calgary, Alta. } equal.
 Wilson, Harley, Montreal, P.Q.
- * Gravel, Arthur Lafayette, Montreal, P.Q.
- * Farmer, Eric Westover, Farnham, P.Q.
- * Wilson, Gilbert, Kendal, England.
- * Weisburgh, Casper, Montreal, P.Q.
- * Muir, Allan Kenneth, Burford, Ont. }
 Rumpel, George Hilborn, Kitchener, Ont. } equal.
- Campbell, Frank Robinson, New Denver, B.C.
- * Mitchell, Wallace Murray, Montreal, P.Q.
- * Ashby, Reginald B., Montreal, P.Q. }
 Farrell, Alfred James, Montreal, P.Q. } equal.
- * Bray, Alton Charles, Montreal, P.Q.
- * Rudenko, Samuel David, Montreal, P.Q.
- * Moore, Alexander Whiteside, Victoria, B.C. }
 Woolsey, George Roy, Thetford Mines West, P.Q. } equal.
- * Davidson, William McCartney, Calgary, Alta.
- * Douglas, Percy Livingston, Montreal, P.Q.
- * Warren, William Adelbert, Lachine, P.Q.
- * Heyman, Max, Montreal, P.Q.
- * Goldstein, Gilbert Roland, Montreal, P.Q.
- * Burroughs, Reginald William Nelson, Montreal, P.Q.
- * Taylor, Lorne Elson, Longueuil, P.Q.
- * McNab, Archibald Hubert, Waldo, B.C.
- * Schlee, Ronald, Hankow, China.
- * Logan, Robert Samuel, Montreal, P.Q.
- * Gray, Thomas Albert, Montreal, P.Q.
- * Findlay, William Fraser, Carleton Place, Ont.
- * MacGilles, Lester, Lancaster, Ont.
- * Bailey, Loring Whittall, Quebec, P.Q.
- * Anderson, Robert Beresford, Montreal, P.Q.
- * Ree, Alex., New Westminster, B.C.
- * Buchanan, William Demey Humphrey, Gould, P.Q.

Unranked.

(In alphabetical order.)

Antliff, J. Cooper, Montreal, P.Q.

Baillie, Donald Arthur, Montreal, P.Q.

* Conditional upon passing supplemental examinations.

- Bishop, John Gordon, Cupids, Nfld.
 Brodeur, Jean Charles, Ottawa, Ont.
 Caldwell, Charles Edward, Conception Bay, Nfld.
 Clossey, Emile Guillaume, Montreal, P.Q.
 Cox, Leonard Gordon, Ottawa, Ont.
 Carrier, Joseph Humphrey, Ottawa, Ont.
 Davidson, Stanley Cecil, Montreal, P.Q.
 Davis, William Wallace, Ottawa, Ont.
 Dupuis, Rene, Pike River, P.Q.
 Evans, Charles Durward, Quebec, P.Q.
 Fleming, Canmore Drake, Windsor, Ont.
 Foster, Frederick Lawton, St. John, N.B.
 Fotheringham, Jack Popham, Ottawa, Ont.
 Friedman, Victor Edward, Montreal, P.Q.
 Goldberg, Harry Julius, Montreal, P.Q.
 Hamel, Albert, Three Rivers, P.Q.
 Hamilton, Geoffrey John, Montreal, P.Q.
 Holcomb, Harcourt Edward, Ste. Anne de Bellevue, P.Q.
 Holden, John Hastie, Montreal, P.Q.
 Jenks, William Stuart, Halifax, N.S.
 Jerrom, Cyril Lewis, Cornwall, Ont.
 Kingan, Gordon Herron, Montreal, P.Q.
 Lawrence, Frederick Sylvester, Montreal, P.Q.
 Leitch, Hugh James, Montreal, P.Q.
 Lemieux, Charles, Montreal, P.Q.
 Mackenzie, George Home, Kansas City, Mo., U.S.A.
 Maclaren, Alexander Barnet, Buckingham, P.Q.
 Macnutt, Erskine Keir, Malpeque, P.E.I.
 McDonald, Somerled J., Montreal, P.Q.
 McMeans, Lendrum Edmund, Winnipeg, Man.
 Munn, Wilfred Lockerby, Montreal, P.Q.
 Munro, Gordon Hugh, Peterborough, Ont.
 Murphy, Edward Justin, New York, N.Y.
 O'Heir, Hugh Bingham, Hamilton, Ont.
 Oliver, Cuthbert Jack, New York, U.S.A.
 Owens, Owen Norreys Harrington, Montreal, P.Q.
 Parsons, Frederick Errol Leslie, Montreal, P.Q.
 Plow, Gordon Locklin, Montreal, P.Q.
 Raginsky, Bernard, Montreal, P.Q.
 Raskin, Franz Joseph, Montreal, P.Q.
 Reaper, Clarence Paul, Montreal, P.Q.
 Reeve, Charles Lailey, Montreal, P.Q.
 Renouf, Edward Trudeau, Montreal, P.Q.
 Rhind, John, Montreal, P.Q.
 Ridout, Andrew Maurice, Montreal, P.Q.

Salter, Frederick Cumberland, Montreal, P.Q.
 Schleifstein, Montague Lawrence, Montreal, P.Q.
 Scott, Lewis John, Grand Falls, Nfld.
 Sherrard, Edwin Atwater, Montreal, P.Q.
 Shier, Bruce Banks, Montreal, P.Q.
 Simpson, James Catanach, Jr., Montreal, P.Q.
 Snyder, Earl, St. Jacobs, Ont.
 Stethem, John Eric Holt, Montreal, P.Q.
 Stirling, Laurie Brodie, Montreal, P.Q.
 Taylor, Clarence Wesly, Carberry, Man.
 White, Gerald Leland, London, Ont.
 Winter, Frederick Roberts, Montreal, P.Q.
 Wylde, Charles Napier, Montreal, P.Q.
 Zybach, Jack Melchior, Niagara Falls, Ont.

STANDING IN THE SEVERAL SUBJECTS.

(I) STUDENTS IN ARCHITECTURE.

ARCHITECTURAL DESIGN.

Fifth Year.—Class I.—None. Class II.—Lyman. Class III.—None.
Fourth Year.—Class I.—None. Class II.—Goodman. Class III.—Van Etten.
Third Year.—Class I.—None. Class II.—Perry, Brown (L. E.), Luke. Class III.—Watt, Morris.
Second Year.—Class I.—Wilson (P. R.). Class II.—Amos and Bouillon and Champagne and Cooper, equal. Class III.—MacLeod, Macduff.

ARCHITECTURAL DRAWING.

Fourth Year.—Class I.—Goodman. Class II.—None. Class III.—Van Etten.
Third Year.—Class I.—Perry. Class II.—Luke; Brown (L. E.) and Morris and Watt, equal. Class III.—Champagne.
Second Year.—Class I.—Champagne and Macleod, equal. Class II.—Bouillon, Macduff. Class III.—Cooper, Wilson (P. R.).
First Year.—Class I.—Shaw. Class II.—Consiglio, Robertson, Adams. Class III.—None.

ARCHITECTURAL ESSAY.

Fifth Year.—Class I.—None. Class II.—Lyman, Durnford. Class III.—None.
Fourth Year.—Class I.—None. Class II.—None. Class III.—Goodman, VanEtten.

Third Year.—*Class I.*—Perry, Luke. *Class II.*—Morris and Watt, equal; Brown (L. E.). *Class III.*—Grondin.

Second Year.—*Class I.*—Wilson (P. R.), Cooper. *Class II.*—Bouillon; Amos and Champagne and Macduff and MacLeod, equal. *Class III.*—None.

ARCHITECTURAL GEOMETRY.

Second Year.—*Class I.*—Cooper. *Class II.*—Bouillon. *Class III.*—Wilson (P. R.), Amos.

First Year.—*Class I.*—None. *Class II.*—None. *Class III.*—Consiglio and Shaw, equal; Robertson.

BUILDING CONSTRUCTION.

Second Year.—*Class I.*—Wilson (P. R.), MacLeod, Cooper. *Class II.*—Amos, Macduff, Grondin. *Class III.*—Bouillon.

BUILDING DETAILS.

Second Year.—*Class I.*—Wilson (P. R.), Cooper, MacLeod. *Class II.*—Amos and Bouillon, equal. *Class III.*—Macduff, Grondin.

ELEMENTS OF ARCHITECTURE.

First Year.—*Class I.*—None. *Class II.*—Shaw, Consiglio; Adams and Robertson, equal. *Class III.*—Champagne.

ELEMENTS OF COMPOSITION.

Second Year.—*Class I.*—None. *Class II.*—Wilson (P. R.), MacLeod. *Class III.*—Cooper and Macduff, equal; Amos, Bouillon, Champagne.

FREEHAND DRAWING.

Third Year.—*Class I.*—Perry, Luke. *Class II.*—Morris. *Class III.*—Watt, Amos.

Second Year.—*Class I.*—Cooper. *Class II.*—Bouillon and Macduff, equal; MacLeod and Wilson (P. R.), equal. *Class III.*—Champagne.

First Year.—*Class I.*—Shaw. *Class II.*—Consiglio, Robertson. *Class III.*—Adams.

HEATING AND VENTILATION.

Fourth Year.—*Class I.*—None. *Class II.*—Brown (L. E.). *Class III.*—VanEtten.

HISTORY OF ARCHITECTURE (CLASSIC).

Second Year.—*Class I.*—Cooper, Wilson (P. R.). *Class II.*—Bouillon. *Class III.*—Macduff.

HISTORY (GENERAL).

First Year.—*Class I.*—None. *Class II.*—None. *Class III.*—Adams, Shaw, Consiglio, Robertson.

HISTORY OF ARCHITECTURE (MEDIAEVAL).

Fourth or Third Years.—*Class I.*—Perry, Luke. *Class II.*—None. *Class III.*—Morris, Watt, Brown.

HISTORY OF ARCHITECTURE (MODERN).

Fifth Year.—*Class I.*—Durnford. *Class II.*—Lyman. *Class III.*—None.

HISTORICAL DRAWING.

Fifth Year.—*Class I.*—None. *Class II.*—None. *Class III.*—Lyman, Durnford.

HYGIENE OF BUILDINGS.

Fourth Year.—*Class I.*—None. *Class II.*—Brown (L. E.), VanEtten. *Class III.*—None.

MODELLING.

Fifth Year.—*Class I.*—Durnford, Lyman. *Class II.*—None. *Class III.*—None.

Fourth Year.—*Class I.*—Goodman, Brown (L. E.), VanEtten. *Class II.*—None. *Class III.*—None.

ORNAMENT AND DECORATION (NO. II).

Fourth and Third Years.—*Class I.*—Perry. *Class II.*—Luke and Morris, equal; Brown (L. E.) and VanEtten, equal; Goodman. *Class III.*—Watt.

ORNAMENT AND DECORATION (NO. I2).

Fourth and Third Years.—*Class I.*—Perry, Brown (L. E.), Luke. *Class II.*—Morris, VanEtten. *Class III.*—Watt, Grondin, Champagne.

PERSPECTIVE.

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

PHYSICS.

First Year.—*Class I.*—None. *Class II.*—None. *Class III.*—Adams and Consiglio, equal; Robertson.

PHYSICS LABORATORY.

First Year.—*Class I.*—Consiglio and Shaw, equal. *Class II.*—None. *Class III.*—Strong, Robertson, Adams.

PROFESSIONAL PRACTICE.

Fifth Year.—*Class I.*—None. *Class II.*—Lyman. *Class III.*—Durnford.

STRUCTURAL ENGINEERING.

Third Year.—*Class I.*—Perry, Morris. *Class II.*—Brown (L. E.). *Class III.*—Watt.

Second Year.—*Class I.*—Cooper. *Class II.*—MacLeod, Wilson (P. R.), *Class III.*—Macduff, Strong, Amos, Bouillon.

SUMMER READING AND WORK.

Fifth Year.—*Class I.*—None. *Class II.*—Lyman, Durnford. *Class III.*—None.

Fourth Year.—*Class I.*—None. *Class II.*—None. *Class III.*—Van Etten, Goodman.

Third Year.—*Class I.*—None. *Class II.*—Luke. *Class III.*—Morris and Watt, equal; Brown (L. E.).

Second Year.—*Class I.*—Cooper. *Class II.*—Amos. *Class III.*—Wilson (P. R.); Bouillon and Macduff and MacLeod, equal.

THEORY OF PLANNING.

Fifth and Fourth Years.—*Class I.*—None. *Class II.*—Lyman, Goodman. *Class III.*—VanEtten, Durnford.

Third Year.—*Class I.*—None. *Class II.*—Brown (L. E.), Morris. *Class III.*—Perry, Luke, Watt.

(2) STUDENTS IN OTHER COURSES.

APPLICATIONS OF ELECTRICITY.

Fourth Year.—*Class I.*—Bishop; Vineberg and Gliddon, equal; Anderson, Canning. *Class II.*—Louttit, Jackson, Thompson (G. M.), Sloves, Acton, Fellows. *Class III.*—Vaughan, Hill, Whelen; Macdonald and Salamis, equal; Eaton.

APPLIED ELECTRO-CHEMISTRY.

Fourth Year.—*Class I.*—Jelly, Giles, Croft, Timmerman; Green and Thomson (W. W.) and Kay, equal; Anderson and Cuddy and Lordly and Mitchell and Thompson (G. M.), equal. *Class II.*—Louttit and McIntyre and Warriner, equal; Challenger and Canning, equal; Calkin, Cambron, Gliddon, Johnston; Cohen

and Harris, equal; Lantz, Stroud, Jackson, Phelan, Acton; Copping and Purcell, equal. *Class III.*—Cockfield; Hill and Patterson, equal; Forbes and Henderson and Yates, equal; Whelen, Vineberg, Goodwin, Sloves; Fellows and Irving, equal; Hyndman and Vaughan, equal; Kennedy and Salamis and Smith (R. H.), equal.

BRIDGE DESIGN.

Fourth Year.—*Class I.*—Brault, Cunningham, Macphail. *Class II.*—Fortin and Hannan, equal; Watson; Gardner and Muir, equal; Gauthier and Perrault, equal. *Class III.*—Loy; Farmer and O'Sullivan, equal; Hart and Robertson, equal.

CHEMISTRY.

ADVANCED INORGANIC CHEMISTRY.

Fourth Year.—*Class I.*—Johnston. *Class II.*—Purcell, Timmerman, Challenger; Kay and Yates, equal. *Class III.*—Giles, Copping, Forbes, Cohen, Calkin, Hyndman.

ADVANCED ORGANIC CHEMISTRY.

Fourth Year.—*Class I.*—Timmerman. *Class II.*—Jelly; Green and Lantz, equal; Croft, Thomson (W. W.), Mitchell (F. L.). *Class III.*—Lordly, Cambron, Cuddy; Cohen and McIntyre, equal; Smith (R. H.), Stroud, Cockfield; Fox and Goodwin and Parsons, equal.

FOOD CHEMISTRY.

Fourth Year.—*Class I.*—Green. *Class II.*—Lordly and Mitchell (F. L.), equal; Thomson (W. W.); Croft and McIntyre, equal; Lantz and Timmerman, equal; Jelly, Cuddy, Cambron. *Class III.*—Warriner, Smith (R. H.), Cockfield, Irving, Goodwin, Stroud.

GENERAL CHEMISTRY.

Second Year.—*Class I.*—Buller and Yorston, equal; Moore; Radley and Wood, equal; Bloomfield and Cregeen, equal; Connel and Harbert, equal; Culpeper; Read and Webster, equal; Tallon; Horsey and Steacie, equal; Oliver (J. H.) and Sherwood, equal; Ambridge and Rorke, equal; Abbott-Smith and Denis and Kennedy and McNaughton and Toole, equal. *Class II.*—Gordon and Grant and Simpson (R. L.), equal; Ross and Turnbull, equal; Elkington and Lea and Matheson and Mills, equal; Johnson and Whittemore, equal; Brisbane and Davies (C. B.)

and Desbarats and Terrance, equal; Finlayson and Graham and Malone and Munro (D. J.) and Stirling and Streadwick, equal; Bishop (E. G.) and Laidley and Smith (R. M.) and Winter and Woollcombe, equal; Armstrong and Bradshaw (F. W.) and Champion and Finley and Rochester and Willis, equal; Allan and Crain and Fagan and Gilbert and Hague and Katz and Raginsky, equal; LeBaron and Legg and Patton, equal; De Salaberry and MacLaren (A. R.) and Plow and Smith (A. E.) and Stephen and Timmis, equal; Bradshaw (G. R.) and Downs and Livingstone, equal; Budden and Desloover and Smallhorn, equal; Cleveland and Goldberg and Jones and McKindsey and Peters, equal. *Class III.*—Bishop (J. G.) and Craik and Eadie and Parsons and Smith (A. W. S.), equal; Chisholm and Cuttle and Dalrymple and Davidson and McLagan, equal; Antliff and Brodeur (J. C.) and Gamble and Pelletier, equal; Cooper and Fotheringham and Kezar and Powell (A. T.) and Roquet and Simpson (J. C.) and Stone, equal; Blackall and Dupuis and Kingan and Kingsmill and McCracken and Powell (F. E.) and Scott (L. J.), equal; Buffam and Friedman and Jerrom and Lemieux and Taylor, equal; Bleau and Jackson and Maclaren (A. B.) and McCaw and Moran and Munro (G. H.) and Patterson, equal; Cox and Davis (W. W.) and Dormer and Foster and Morin and Reaper, equal; Brough and Brumell and Foss (D. B.) and Foss (L. J.) and Gegg and Holcomb and Snyder and White, equal; Dickinson and Evans, equal; Lawrence and Mitchell and Oliver (C. J.) and Taschereau and Velasco, equal; Raskin, Gaudet; Binns and Harling and Quinlan and Sherrard, equal; Caldwell and Cross and Rhind and Scott (J. McD.), equal.

HISTORY OF CHEMISTRY.

Fourth Year.—*Class I.*—Johnston, Mitchell (F. L.), Thomson (W. W.); Croft and Timmerman, equal. *Class II.*—Jelly, Yates, Calkin, Purcell, Challenger; Copping and Green, equal; Cockfield and Cohen and Kay, equal. *Class III.*—Stroud; Fox and Lordly, equal; Cuddy and McIntyre and Warriner, equal; Giles and Lantz, equal; Forbes, Gunton; Goodwin and Hyndman, equal; Cambron, Smith (R. H.), Irving.

INORGANIC INDUSTRIAL CHEMISTRY.

Fourth Year.—*Class I.*—Jelly, Mitchell, Timmerman, Croft; Challenger and Lantz, equal; Cuddy and Jordan, equal; Calkin and Harrison and Johnston, equal. *Class II.*—Cockfield and Green and Lordly and Yates, equal; Goodwin and Warriner, equal;

McIntyre and Smith (R. H.), equal; Gibb and Giles, equal; Kay; Cohen and Thomson (W. W.), equal; Forbes and Fowler and Henderson, equal; Clark (R. G.), Stroud; Cambron and Purcell, equal. *Class III.*—Copping and Gunton and Hyndman and Irving, equal; Nutter.

INORGANIC QUALITATIVE ANALYSIS.

Third Year.—*Class I.*—Carlyle, Weldon. *Class II.*—Porritt, Hastings. *Class III.*—Bissell, Macdonald, Wightman, Nesbitt, Wilson (J. M.).

INORGANIC QUANTITATIVE ANALYSIS.

Third Year.—(*Chemistry and Chemical Engineering.*)—*Class I.*—Grant, Munro (W. C.), Brooks, Tatley. *Class II.*—Macnaughton, Carson, Taylor (J. E.), Wright. *Class III.*—Loebel; Ahern (A. W.) and Boronow, equal; Schleifstein, Clarke (I. W.), Binmore, Farquharson, Stockwell.

Third Year.—(*Metallurgical Engineering.*)—*Class I.*—None. *Class II.*—Duff; Humes and McClelland, equal. *Class III.*—Kyle; Godard and Hamilton and Murphy (E. J.), equal; McCallum and Wait, equal.

ORGANIC CHEMISTRY.

Third Year.—*Class I.*—Binmore, Taylor (J. E.), Tatley; Ahern (A. W.) and Farquharson, equal; Grant. *Class II.*—Brooks, Boronow, Clarke (I. W.). *Class III.*—Patterson; Loebel and Ross (J. H. D.), equal; Carson; Brown (G. B.) and Gooch, equal; Gurman, Midgley, Gunton; Drummond and Fraser, equal; Macnaughton and Munro (W. C.) and Schleifstein, equal.

ORGANIC INDUSTRIAL CHEMISTRY.

Fourth Year.—*Class I.*—Croft, Johnston, Cuddy, Green; Jelly and Purcell and Thomson (W. W.), equal; Lantz and Mitchell (F. L.) and Stroud and Timmerman, equal. *Class II.*—Yates; Copping and Goodwin and Lordly, equal; Challenger; Gunton and Kay, equal; Cockfield and McIntyre, equal; Irving; Forbes and Smith (R. H.), equal; Cambron and Hyndman, equal. *Class III.*—Calkin, Giles; Cohen and Warriner, equal.

PHYSICAL CHEMISTRY.

Third Year.—*Class I.*—Brooks and Gooch, equal; Fraser and Harris, equal. *Class II.*—Grant, Ross (J. H. D.), Tatley, Farquharson, Binmore, Taylor (J. E.), Loebel, Gunton. *Class III.*—

Shotwell, Clarke (I. W.), Woodward; Ahern (A. W.) and Munro, equal; Drummond; Macnaughton and Schleifstein, equal; Carson and Stockwell, equal; Crane and Mitchell (J. M.) and Wright, equal; Abbott-Smith (R. B.) and Boronow, equal.

PHYSICAL CHEMISTRY AND LABORATORY.

Fourth Year.—*Class I.*—Jelly, Johnson, Croft, Green, McIntyre. *Class II.*—Timmerman; Cambron and Mitchell (F. L.) and Thomson (W. W.), equal; Kay, Calkin; Forbes and Goodwin, equal; Giles, Smith (R. H.), Lordly. *Class III.*—Lantz, Cohen, Cuddy, Yates; Challenger and Copping, equal; Stroud, Irving; Cockfield and Fox and Hyndman, equal; Parsons and Purcell, equal.

CRYSTALLOGRAPHY.

Fourth Year.—*Class I.*—None. *Class II.*—Henderson (C. D.). *Class III.*—None.

DESCRIPTIVE GEOMETRY.

First Year.—*Class I.*—Atkinson, Dion, Dick, Ogilvy, Mercier; Matheson (G. L.) and Miller (A. P.) and Phipps, equal; Buzzell and Kent and Lanctot and Shlakmann, equal; Benjamin; Gravel and Wilson (G.), equal; McCall and Snyder, equal; Shaw (G. E.); Barnes and Becking and Delcellier and Howes and Warren (F. B.), equal; Findlay and Paterson, equal; Farmer, Stewart (D. L.); Davidson and Finlayson (A. W.) and James and Rochester and Schlee, equal. *Class II.*—Bryant; Ferguson and Manson and Weisburgh, equal; Ashby and Shatford, equal; Campbell and Darling and Goodall and Kirschberg and Pringle, equal; Farrell; Braithwaite (E. E.) and Fairbairn and Higerty and Miller (A. J.), equal; Burroughs and Donohue and Heyman and Wilson (H.), equal; White (C. P.); Bray and Logan and Poulin and Ridout and Rumpel, equal; Andrews and Freedman and Mitchell, equal; Hayes; Anderson and Racey, equal; Douglas and Wardrope and Warren (W. A.), equal. *Class III.*—Gray, Trenholme; Addie and Cochran and Muir and Starke and Stockwell, equal; Johnson; Boyd and Finlayson (S. M.) and McLaren and Pollock and Seale and Simmonds and Stewart (H. M.), equal; Buraschi and McGregor and Woolsey, equal; Brown and Butler (B. M.) and Lawrence and Malone and Ree, equal; Lane and Macnab (A. G.), equal; Gillett and Nutting, equal; MacGilles; Butler (E. W.) and Taylor, equal; Goldstein and McMaster, equal; Draper

and Giles, equal; Couture and Donnelly and Foy and Harris and Holland and Moore and Olive and Rudenko and Smith and Timmins and White (W. J.) and Whitehead and Whittall and Williamson, equal.

DESCRIPTIVE GEOMETRY AND PERSPECTIVE.

Second Year.—Class I.—Culpeper and McKindsey, equal; Layne and Rorke, equal; Smith (A. E.); Kennedy and Moore, equal; Turnbull; Armstrong and Blackall and Stephen, equal; Brisbane and Brough and Matheson and Sherwood, equal; Harbert; Budden and Craik and Radley and Webster, equal; Buller and McNaughton and Wood, equal; Griffith; Munro (D. J.) and Read (D. E.), equal; Abbott-Smith and Binns and Grant and Oliver (C. J.), equal; Chisholm and Gaudet and Laidley and Scott (J. M.) and Stirling, equal; Davies (C. B.) and Faith and Wylde, equal; Bloomfield and Champion and Lea and McCaw, equal; Allan and Streadwick, equal; Johnson and Mills and Taschereau, equal; Cooper (P. E.) and Cregeen and Livingstone, equal. *Class II.*—Terrance and Toole, equal; Crain and Gamble and Ross, equal; Connell and Eadie and Kezar, equal; McLagan and Parsons and Powell (A. T.) and Steacie, equal; Horsey and Patton and Rochester and Velasco, equal; Gilbert and Holcomb and Legg and Malone, equal; Brummell and Foss (D. B.) and Oliver (J. H.) and Powell (F. E.), equal; Deslover and Findlayson and Gegg and Gordon and Katz and Willis, equal; Ambridge and Brodeur (J. C.) and Scott (L. J.), equal; Desbarats and Finley and Goldberg and Lawrence and Smith (R. M.), and Yorston, equal; Bieler and Bradshaw (G. R.) and Carpenter, equal; Antliff and Fagan and Foster and Hamel and MacNutt and Patterson and Plow and Renouf and Simpson (J. C.) and Timmis, equal. *Class III.*—Jackson and Jones, equal; Clark and Holden and LeBaron and Morin, equal; Raskin and Smith (A. W. S.), equal; Elkington and Evans and Owens, equal; Cuttle and Foss (L. J.) and MacLaren (A. R.), equal; Bleau and Downs and Jerrom and Simpson (R. L.) and Tallon and Woollcombe, equal; Mitchell and Smallhorn, equal; Buchanan and Buffam and Dormer and MacLaren (A. B.) and Pelletier, equal; Bishop (J. G.) and Dalrymple and Raginsky and Reid (H. E.), equal; Roquet and Stone, equal; Baillie and Davidson and Graham and Hague and Hamilton, equal; Bishop (E. G.) and Brodeur (J. P.) and Fleming and McCracken and Stethem, equal; Dupuis and Jenks and Moran and O'Heir, equal; Dickinson and Kingan and Peters, equal; Bradshaw (F.

W.) and Caldwell and Currier and Kingsmill and McMeans and Snyder and White and Whittemore, equal.

DESIGNING.

Fourth Year.—Class I.—Congleton, O'Halloran; Langstroth and Maxwell and Winslow, equal; Smith (D. W.). *Class II.*—Durant and Ward, equal. *Class III.*—Jenckes, Macfarlane; Hall and Mooney, equal; Wilson (J. K.), Wilkins.

ECONOMICS.

Third Year.—Class I.—Macnaughton and Mott, equal; Biggar and Mitchell (R. J.), equal; Paddon, Carson; Bush and Pevzner, equal; Woodward; Clarke (E. L.) and Desbarats and McTaggart, equal; Hastings and MacGregor and Ross (J. H. D.) and Taylor (E. P.) and Wright, equal; Brown (E. V.) and Cousineau and Holmes and Tatley, equal; Brooks; Ahern (A. W.) and Bastable and Duff and Reid (E. A.) and Thompson, equal; Carlyle and Gunton and Taber and Taylor (J. E.) and Wilson (H. A.) and Woolward, equal; Grant and Kerr, equal; Hulburd and Weldon, equal. *Class II.*—Schleifstein; Banfill and Binmore and Cartwright and Johnson and Midgley, equal; Boronow and Farquharson and Humes and Wain, equal; Evans and Tucker, equal; Gurman and Kirsh and Martin and MacKeen and Munro (W. C.), equal; Benett and Holt and Morrisette and Robertson, equal; Clark (G. S.) and Crawford and McClelland, equal; Lorin, Loebel; Fisk and Ford and Russel and Spratt, equal; Anderson and Glen and Godard and Notman, equal; Drummond and Kyle and McLennan and Parker and Potter and Rutherford and Simons, equal; Handy and Messenger and Reed (G.), equal; Crane and McDougall, equal; Wilder. *Class III.*—Armstrong and Murphy (E. J.) and Porritt, equal; Gordon and Jandrew and Fraser and Macdonald (S. L.), equal; Clerk; Coughlan and King, equal; Bonneville; Ahern (P. C. B.) and Elliott and McEvoy, equal; MacNider and Mitchell (J. M.), equal; Bissell and Bradfield and Wait, equal; Murphy (A. G. S.); Mackenzie (W. B.) and Macrae, equal; Eager and Wightman, equal; Foss; Cloutier and Delaney and Gooch and Hamilton and Lawrence and Mackenzie (G. H.) and Morrison and Salter and Wilson (J. M.), equal.

ELECTRIC LIGHT AND POWER DISTRIBUTION.

Fourth Year.—Class I.—Gliddon, Jackson. *Class II.*—Canning, Thompson (G. M.), Hill, Phelan, Anderson, Whelen. *Class III.*—Louttit, Acton; Eaton and Vineberg, equal; Bishop, Salamis, McDonald; Fellows and Sloves and Vaughan, equal.

ELECTRIC TRACTION.

Fourth Year.—*Class I.*—Vineberg, Fellows, Eaton; Gliddon and Jackson, equal. *Class II.*—Bishop, Whelen, Hill, Canning, Thompson (G. M.), Acton; Anderson and Macdonald, equal. *Class III.*—Sloves, Louttit; Salamis and Vaughan, equal.

ELECTRICAL DESIGNING.

Fourth Year.—*Class I.*—Jackson, Canning, Gliddon, Louttit. *Class II.*—Anderson, Vineberg, Eaton, Sloves; Fellows and Macdonald, equal; Thompson (G. M.). *Class III.*—Vaughan, Bishop, Hill, Whelen; Acton and Salamis, equal.

ELECTRICAL ENGINEERING.

Fourth Year.—*Class I.*—Anderson, Canning, Gliddon; Bishop and Jackson, equal. *Class II.*—Eaton and Thompson (G. M.) and Vineberg, equal; Fellows and Louttit and Sloves, equal; Vaughan. *Class III.*—Acton, Macdonald, Whelen, Hill.

Third Year.—*Class I.*—Mott, Bonneville, Clark (E. L.), Bush, Taber. *Class II.*—Mitchell (R. J.) and Paddon, equal; Desbarats, Gordon, Russel, Banfill. *Class III.*—Parker and Wonham, equal; Brown (E. V.) and Kerr, equal; Handy, Glen.

ELECTRICAL PHOTOMETRY AND ILLUMINATION.

Fourth Year.—*Class I.*—Phelan, Whelen; Gliddon and Thompson (G. M.), equal. *Class II.*—Canning, Acton. *Class III.*—Jackson and Louttit, equal; Bishop; Anderson and Hill and Vineberg, equal; Salamis, Fellows, Eaton, Vaughan; Macdonald and Sloves, equal.

ELECTRO-METALLURGY.

Fourth Year.—*Class I.*—Harrison; Gliddon and Jackson and Jordan, equal. *Class II.*—Hill, Acton; Fellows and Henderson, equal; Canning and Fowler and Louttit and Nutter, equal; Anderson. *Class III.*—Vineberg; Bishop and Clossey and Thompson (G. M.), equal; Sloves and Whelen, equal; Clark (R. G.); Salamis and Vaughan, equal; Eaton, Kennedy, Macdonald.

ELEMENTS OF ELECTRICAL ENGINEERING.

Fourth and Third Years.—*Class I.*—Croft, Macphail, Harris, Cunningham, Harrison, Johnston (H. W.). *Class II.*—Lordly; Brault and Jelly, equal; Muir, Biggar; Calkin and Fowler and Green, equal; Brow and Gauthier and Hyndman and Kay and Lantz and McIntyre, equal; Fortin; Cuddy and Morrissette,

equal; Davis and Giles, equal. *Class III.*—Nutter; Forbes and O'Sullivan and Purcell, equal; Gardner; Drewry and Loy and Robertson and Smith (R. H.), equal; Hannan and Mitchell, equal; Challenger and MacNider, equal; Clark (R. G.) and Hart, equal; Clark (G. S.) and Cockfield and Dewar and Jandrew and Stroud, equal; Perrault and Watson and Wilson (H. A.), equal; MacGregor; Copping and Ford, equal; Crawford and Goodwin and Holmes, equal; Bastable and Cambron and Elliot and McLennan and Notman and Tansley and Warriner and Weldon, equal.

ENGINEERING ECONOMICS.

Fourth Year.—*Class I.*—Macphail and Whelen, equal; Green, Jelly, Cunningham, Bain, Mitchell, Farmer; Congleton and Cuddy and Kay and Louttit, equal; Brow and Hannan and O'Sullivan and Phelan, equal; Gill; Fowler and Palmer, equal. *Class II.* Croft and Gardner, equal; Copping and Fellows, equal; Bishop and Canning and Gliddon, equal; Harrison and Lantz and Mawdsley and Thompson (G. M.) and Weldon, equal; Drewry and Fortin, equal; Hyndman and Johnston and Lordly, equal; Anderson and Macfarlane and Saunders, equal; McCurdy and Perrault, equal; Watson; Acton and Loy and Macdonald and Vineberg and Yates, equal; Hill and Robertson, equal; Calkin and Cockfield and Goodwin and Vaughan, equal; Davis and Jackson, equal; Irving and Maxwell and McIntyre and Muir and O'Halloran, equal; Dewar and Mooney, equal. *Class III.*—Smith (R. H.) and Stroud and Warriner, equal; Cromwell and Nutter, equal; Brault and Hall and Sloves, equal; Forbes and Jordan and Livingstone and Winslow, equal; Gauthier and Giles and Jenckes, equal; Tansley, Rochester, Purcell, Smith (D. W.), Langstroth; Eaton and Kennedy, equal; Cambron and Salamis, equal.

ENGINEERING LAW.

Fourth Year.—*Class I.*—Farmer, Kay, Jelly; Gill and Green, equal; Cuddy and Jordan and Louttit and Macphail and Palmer and Warriner, equal; Anderson and Canning and Saunders and Weldon, equal. *Class II.*—Cunningham and Fellows and Kennedy and Lantz and Lordly and Watson, equal; Bishop and Forbes and Macfarlane, equal; Calkin and Cockfield and Cohen and Gliddon and Purcell and Robertson, equal; Congleton and Gardner and Tansley and Thompson (G. M.), equal; Giles and Jackson and Livingstone and Loy and Timmerman and Whelen and Yates, equal; Croft and Hall and Hannan and Harrison and Mawdsley and O'Sullivan and Thomson (W. W.)

and Winslow, equal; Acton and Johnston, equal; Mitchell and Wells, equal; Copping and Cromwell and Hyndman, equal; Challenger and Fowler, equal; Brault and Fortin and Hill and Sriver, equal; Davis and Gauthier and Jenckes and McIntyre and Salamis, equal. *Class III.*—Bain and Drewry and Macdonald (D.) and Sloves and Vaughan, equal; Brow and Clark and Dewar and Vineberg, equal; Henderson; Cambron and Durant and Irving and O'Halloran, equal; Perrault; Clossey and Goodwin and Mooney, equal; Wilkins; Lyman and Muir and Nutter and Smith (R. H.) and Stroud, equal; Eaton and Langstroth and Smith (D. W.), equal; Maxwell and Rochester and Ward, equal; Durnford, Wilson (J. K.); Ferguson and Gibbs, equal.

ENGLISH.

First Year.—*Class I.*—Mercier, Archer, Ogilvy, Holland; Delcellier and Shlakman, equal; Dick and Finlayson (A. W.), equal; Howes and Kent, equal. *Class II.*—James; Bray and Buzzell and Davidson and McCall and Smith, equal; Johnson; Dion and Hofmann and Seale and Simmonds, equal; Barnes and Darling and Naismith, equal; Finlayson (S. M.); Rochester and Starke, equal; Stewart (H. M.); Bailey (L. W.) and Becking and Freedman and Phipps and Pollock and Schlee and Shaw (C. E.) and Weisburgh and Whitehead, equal. *Class III.*—Rumpel and Taylor, equal; Adams and Farmer and Findlay and Hayes and Kirschberg and Snyder and Stockwell and Wardrope, equal; Benjamin and Douglas and Fairbairn and Farrell and Lawrence and Warren (W. A.), equal; Ree; Ashby and Draper and Ferguson and Giles and Heyman and Lanctot and Manson and McNab (A. H.) and Racey and Robertson and Rudenko and Warren (F. B.), equal; Burroughs and Forbes and Trenholme, equal; Buchanan and Consiglio and Moore and Shaw (G. E.), equal; Braithwaite (J. Y. W.) and Foy and Goldstein and Gray and Higgerty and Lane, equal; Allcorn and Brown and McMaster and Mitchell and Nutting, equal; Andrews and Butler (B. M. S.) and Cornell, equal; Anderson and Butler (E. W. R.) and Gravel and Harris and McLaren and Miller (A. J.) and White (W. J.) and Winter and Woolsey, equal; Buraschi and Cram and Goodall and McDonald (H. R.), equal.

EXPERIMENTAL ENGINEERING.

Fourth Year.—*Class I.*—Congleton and Winslow, equal; Macfarlane, Langstroth. *Class II.*—Wilson (J. K.); Maxwell and Smith

(D. W.) and Ward, equal. *Class III.*—O'Halloran; Durant and Mooney, equal; Jenckes, Wilkins.

FIRE ASSAYING.

Fourth Year.—*Class I.*—Kay; Calkin and Hyndman and Johnston (H. W.), equal. *Class II.*—Copping and Giles and Yates, equal; Gibbs, Purcell, Forbes. *Class III.*—None.

Third Year.—*Class I.*—Carlyle, Humes, Duff, Weldon, Bissell, Nesbitt, Hastings, Kyle. *Class II.*—Macdonald and Mackenzie (G. B.), equal; Godard and Wait, equal; Porritt, McClelland; Macoun and Pevzner and Scott, equal; Hamilton, Wightman, Wilson (J. M.), Murphy (E. J.).

FOUNDATIONS AND MASONRY.

Third Year.—*Class I.*—McTaggart. *Class II.*—Murphy (A. G. S.) and Reid (E. A.), equal; Lorin; Fisk and Messenger and Rutherford and Wilder, equal; Woolward; Martin and Thompson, equal; Bates and Reiffenstein, equal; MacKeen and Reed (G.), equal; Salter and Spratt and Wain, equal; Cartwright and Mackenzie (W. B.), equal. *Class III.*—Bradfield; Cousineau and Eager, equal; Root, Delaney.

FREEHAND DRAWING AND LETTERING.

First Year.—*Class I.*—Dick, Shaw (G. E.), Buzzell, Delcellier; James and McCall, equal; Stewart (H. M.); Snyder and White (C. P.), equal; Benjamin and Cochran, equal; Ferguson and Lancot and Morrin and Seale and Stewart (D. L.), equal. *Class II.*—Ashby and Miller (A. J.) and Pringle, equal; Bouchard and Goodall, equal; Pollock and Smith and Wardrope, equal; Barnes and Heyman, equal; Gray and McGregor and Ridout and Wilson (H.), equal; Hayes; Braithwaite (E. E.) and Schlee and Warren (F. B.), equal; Bryant and Freedman and Kent and Malone and Simmonds and Stockwell and Taylor and White (W. J.), equal; Allcorn and Findlay and Finlayson (A. W.) and Howes and Mitchell and Phipps, equal; Darling and McNab (A. H.), equal; Buraschi and Cornell and Matheson (G. L.) and Miller (A. P.) and Warren (W. A.) and Wilson (G.), equal; Goldstein and Woolsey, equal; Butler (B. M.) and Draper and Harris and McMaster and Trenholme and Vernot, equal. *Class III.*—Farrell and Kirschberg, equal; Andrews; and Bray, equal; Couture and Higgerty and Shlakman, equal; Gillett and Naismith, equal; Boyd and Ogilvy and Rumpel, equal; Dion and Manson and Starke, equal; Shatford; Anderson and Campbell and Cooper and Fairbairn and Farmer and Holland and Paterson, equal; Addie and Luxton and Mac-

Gillis and Thompson, equal; Becking and Gravel and Lane and Torrance and Whittall, equal; Bailey (L. W.), Poulin; Archer and Foy and Lawrence and Roy, equal; Finlayson (S. M.) and Johnson and Logan and Macnab (A. G.) and Matheson (G. W.) and Panneton (J. S.) and Racey and Winter, equal. *Unranked*.—Atkinson.

GEODESY.

Fourth Year.—*Class I*.—Macphail. *Class II*.—Cunningham, Fortin; Brault and Farmer, equal; Gardner and Watson, equal; Hannan, O'Sullivan. *Class III*.—Drewry and Robertson, equal; Loy, Perrault, Muir.

GEODETIC FIELDWORK.

Fourth Year.—*Class I*.—Cunningham, Watson; Fortin and Gardner, equal. *Class II*.—Brault, O'Sullivan, Macphail, Farmer, Loy. *Class III*.—Hannan, Robertson, Perrault, Muir.

GENERAL GEOLOGY.

Third Year.—*Class I*.—Carlyle; Taylor (J. E.) and Weldon, equal; McTaggart, Nesbitt, Bissell; Binmore and Godard and Humes, equal. *Class II*.—Messenger; Cartwright and Duff and Reid (E. A.) and Wightman, equal; Mackeen and Pevzner, equal; Woolward, Hamilton, Wilson (J. M.), Fisk; Bates and Davis and Hastings and Wain, equal; Eager and Kyle and Porritt, equal; Mackenzie (G. H.); Murphy (A. G. S.) and Thompson, equal; Scott and Wait, equal. *Class III*.—Bradfield; Lorin and Reed (G.), equal; Macdonald (S. L.) and Morrison, equal; Cousineau; Hamel and Spratt and Wilder, equal; Delaney, Martin, Ross (C. G.), Rutherford; Mackenzie (W. B.) and Macoun and Salter, equal.

GEOLOGY (HISTORICAL).

Fourth Year.—*Class I*.—Bain, Gill, Palmer, Mawdsley. *Class II*.—Livingstone; Cromwell and Saunders, equal. *Class III*.—Wells.

GEOLOGY OF CANADA.

Fourth Year.—*Class I*.—Gill; Bain and Brow and Palmer, equal; Cromwell, Mawdsley. *Class II*.—Saunders, Livingstone, Tansley, Davis. *Class III*.—Scriver and Weldon, equal; Dewar; Rochester and Wells, equal.

HEATING AND VENTILATION OF BUILDINGS.

Fourth Year.—*Class I*.—Congleton, Maxwell, O'Halloran, Macfarlane. *Class II*.—Hall; Langstroth and Winslow, equal; Mooney,

Wilkins, Smith (D. W.). *Class III.*—Ward, Wilson (J. K.); Durant and Goodman, equal; Jenckes.

HYDRAULICS.

Fourth and Third Years.—*Class I.*—Anderson, Jackson, Canning, Congleton, Maxwell; Louttit and Phelan, equal; McTaggart; Gliddon and Vineberg, equal; Woolward, Lorin, Sloves. *Class II.*—Fellows and O'Halloran, equal; Bishop (T. A. G.), Cousineau and Eaton and Langstroth and Macfarlane and McCurdy and Winslow, equal; Cartwright; Hill and Wilson (J. K.), equal; Thompson (G. M.), Mooney, Smith (D. W.); Kennedy and Murphy (A. G. S.), equal. *Class III.*—Bradfield, Ward, Vaughan; Eager and Spratt, equal; Mackenzie (W. B.) and Messenger and Rutherford, equal; Whelen, Macdonald (D.); Acton and Hall and Jenckes and MacKeen and Wain and Wilder, equal; Bates; Reid (E. A.) and Salamis, equal.

HYDRAULICS AND LABORATORY (SHORT COURSE).

Fourth Year.—*Class I.*—Green, Jelly, Croft. *Class II.*—Johnston, Cockfield, Kay; Bain and Henderson and Mitchell, equal; Weldon, Calkin, Brow; Harrison and Lantz, equal; Saunders. *Class III.*—Cuddy; Challenger and Clark (R. G.) and Cromwell and Forbes and Fowler and Yates, equal; Lordly and Nutter, equal; Thomson (W. W.) and Warriner, equal; Cambron and Smith (R. H.), equal; Giles, Rochester, Copping; Dewar and Goodwin, equal; Gill and Palmer, equal; Davis and Hyndman and Jordan and Livingstone and Parsons and Tansley, equal.

HYDRAULIC MACHINES.

Fourth Year.—*Class I.*—Cunningham, Congleton, Gardner, Fortin. *Class II.*—Farmer; Hannan and Macphail, equal; O'Halloran, Maxwell, Brault, Hall. *Class III.*—Drewry; Macfarlane and Mooney and Watson, equal; Durant and O'Sullivan, equal; Langstroth; Robertson and Winslow, equal; Muir, Gauthier; Jenckes and Perrault and Ward, equal.

LABORATORIES.

CHEMICAL LABORATORIES.

Second Year.—(*First Term.*)—*Class I.*—Layne, Steacie; Bloomfield and Buller, equal; Faith, Cregeen, Harbert, Sherwood; Moore and Toole, equal; Horsey, Denis, Laidley; Culpeper and Whittemore, equal. *Class II.*—Stephen, Rorke; Katz and Willis,

equal; Cross and Patterson, equal; Gamble and Hague and Oliver (J. H.) and Streadwick, equal; Bradshaw (F. W.) and Buffam and Dormer and Elkington and Mills and Woolcombe, equal; Simpson (R. L.); Binns and Champion and Finley and Jerrom and Ross and Tallon, equal; Ambridge and Armstrong and Brisbane, equal; Livingstone and Munro (D. J.) and Taschereau, equal; McLagan and Raginsky, equal; McKindsey and Peters and Plow and Shier and Stirling, equal. *Class III.* Carpenter and Smith (A. W. S.), equal; Bishop (E. G.) and Cox and Gilbert and Taylor and Webster, equal; Gegg; Budden and Downs and Evans, equal; Antliff and Munn and Reeve and Smallhorn, equal; Friedman and Mitchell, equal; Davidson and Dickinson and Foss (D. B.) and Holcomb and LeBaron and Reaper and Winter, equal; Bishop (J. G.) and Oliver (C. J.) and Scott (L. J.) and Wylde, equal; Caldwell and Hamel, equal; McCaw; Deslover and O'Heir and Owens, equal.

Second Term.)—*Class I.*—Kennedy, Matheson, Radley; Gordon and Macnaughton and Smith (R. M.) and Wood and Yorston, equal; Crain and Turnbull, equal; MacLaren (A. R.); Blackall and Cooper and Jones, equal; Grant. *Class II.*—Griffith; Eadie and Malone, equal; Connell and Finlayson and Jackson and Lawrence and Rochester, equal; Graham and Powell (A. T.), equal; Brough and Read (D. E.), equal; Foster and Timmis, equal; Allan and Dalrymple and Davis (W. W.) and Powell (F. E.), equal; Bradshaw (G. R.); Roquet and Terrance, equal; Chisholm and Lemieux, equal; Abbott-Smith and Legg and Moran and Raskin and Stone, equal; Morin and Smith (A. E.), equal; Cuttle and Davies (C. B.) and Scott (J. M.), equal; DeSalaberry and Fagan and Gaudet and Harling and Velasco, equal. *Class III.*—Kezar and Simpson (J. C.), equal; Goldberg and Pelletier, equal; Desbarats and Holden and Johnson and Kingan and McCracken and White, equal; Craik; Cleveland and Dupuis and Kingsmill, equal; Clark and Maclaren (A. B.), equal; Hamilton and Macnutt, equal; Currier; Bleau and Lea and Rhind, equal; Sherrard; Brummel and Patton, equal.

CHEMICAL LABORATORY (INORGANIC LABORATORY).

Fourth Year.—*Class I.*—Johnston, Yates. *Class II.*—Hyndman, Kay, Calkin, Copping. *Class III.*—Giles, Forbes; Challenger and Purcell, equal.

CHEMICAL LABORATORY (INORGANIC QUALITATIVE ANALYSIS).

Third Year.—*Class I.*—Weldon, Nesbitt, Wightman. *Class II.*—Macdonald; Bissell and Hastings and Porritt, equal; Wilson (J.

M.); Carlyle and Ross (C. G.), equal; Davis (S. H.). *Class III.*—None.

CHEMICAL LABORATORY (INORGANIC QUANTITATIVE ANALYSIS).

Fourth Year.—(*Metallurgical Engineering Course.*)—*Class I.*—Clark (R. G.). *Class II.*—Fowler, Harrison, Nutter. *Class III.*—Jordan.

Third Year.—(*Chemical Engineering and Chemistry Courses.*)—*Class I.*—Grant; Binmore and Carson and Macnaughton, equal. *Class II.*—Munro (W. C.); Ahern (A. W.) and Chorney and Farquharson and Loebel and Schleifstein and Tatley and Taylor (J. E.), equal; Brown (G. B.) and Fraser, equal. *Class III.*—Brooks and Drummond and Wright, equal; Bethune and Clarke (I. W.) and Crane and McEvoy and Ross (J. H. D.) and Stockwell and Woodward, equal; Boronow and Gooch, equal.

(*Metallurgical Engineering Course.*)—*Class I.*—None. *Class II.*—McClelland, Duff, McCallum. *Class III.*—Humes and Kyle and Pevzner and Scott, equal; Buchanan and Godard and Hamilton and Morrison and Murphy (E. J.) and Wait, equal.

CHEMICAL LABORATORY (ORGANIC).

Fourth Year.—*Class I.*—Green; Croft and Mitchell (F. L.), equal. *Class II.*—Lordly and Timmerman and Thomson (W. W.), equal; McIntyre, Lantz, Cambron, Cuddy, Jelly, Smith (R. H.). *Class III.*—Cockfield, Goodwin; Irving and Stroud, equal; Warriner, Cohen.

Third Year.—*Class I.*—Macnaughton; Binmore and Grant, equal; Munro (W. C.). *Class II.*—Gunton; Carson and Farquharson, equal; Brooks, Taylor (J. E.), Loebel, Tatley, Ross (J. H. D.). *Class III.*—Cloutier; Fraser and Midgley, equal; Clarke (I. W.); Gooch and Gurman, equal; Ahern (A. W.) and Boronow, equal; Drummond, Schleifstein; Crane and Stockwell, equal; Mitchell (J. M.) and Wright, equal; Bethune and Brown (G. B.) and McEvoy and Woodward, equal.

ELECTRICAL ENGINEERING LABORATORY.

Fourth Year.—(*Electrical Engineering Course.*)—*Class I.*—Anderson, Louttit, Gliddon, Jackson, Canning. *Class II.*—Fellows, Vineberg, Bishop, Sloves, Thompson (G. M.), Eaton, Hill, Vaughan, Whelan. *Class III.*—Macdonald, Acton, Salamis, Phelan.

Fourth and Third Years.—*Class I.*—Harris, Macphail; Harrison and Lantz and O'Sullivan, equal; Brault and Davis, equal; Kay and Lordly, equal. *Class II.*—Green and Potter and Smith (R. H.), equal; Fortin; Copping and Clark (G. S.) and Fowler

and Gauthier and Hyndman and Jelly and Robertson (A. M.) and Weldon, equal; Biggar and Gardner and Perrault and Watson, equal; Challenger and Croft and Dewar, equal; Tansley, Warriner; Bastable and Forbes and Giles and Loy and Purcell, equal; Goodwin; Brow and Muir, equal; Calkin and Mitchell (F. L.), equal; Irving and McIntyre, equal; Nutter; Foss (R. H.) and Johnston (H. W.) and Morrisette and Stroud, equal; Clark (R. G.) and Cockfield and Farmer, equal. *Class III.*—Black and Ford and Hannan and Holt and Hulburd and MacLennan and Rochester and Scriver and Wilson (S. H.), equal; Jandrew; Evans and Notman, equal; Cambron and Clossey and Coughlan and Drewry and Fry and Ramsey, equal; Cuddy and Holmes and Wilson (H. A.), equal; Cunningham and Yates, equal; Robertson, MacGregor, Johnson, Abbott-Smith; Jordan and Macrae, equal; Elliott and MacNider, equal; Kirsch; Crawford and Ferguson and Taylor (E. P.) and Tucker, equal.

Third Year.—(*Electrical Engineering Course.*)—*Class I.*—Bush, Mott, Desbarats, Banfill; Mitchell (R. J.) and Handy, equal. *Class II.*—Benett, Taber, Gordon, Clarke (E. L.), Bonneville, Wonham, Armstrong, McDougall, Anderson, Paddon. *Class III.*—Russell, King, Glen, Kerr, Parker, Brown (E. V.), Simons, Ahern (P. C. B.).

ELECTRO-METALLURGY LABORATORY.

Fourth Year.—*Class I.*—Nutter. *Class II.*—Fowler; Clossey and Henderson, equal; Clark (R. G.) and Harrison and Jordan, equal. *Class III.*—Harris.

GEODETIC LABORATORY.

Fourth Year.—Macphail, Cunningham. *Class II.*—Brault and Hannan, equal; Fortin; Drewry and Gardner and Loy and O'Sullivan, equal; Robertson; Muir and Watson, equal; Gauthier, Perrault, Farmer. *Class III.*—Ferguson.

HYDRAULICS LABORATORY.

Fourth and Third Years.—*Class I.*—Congleton; Canning and Louttit, equal; Phelan, Gliddon, McCurdy, Anderson. *Class II.*—Macfarlane and Maxwell and Vineberg, equal; Langstroth and O'Halloran, equal; Eaton and Winslow, equal; Sloves and Thompson (G. M.), equal; Vaughan, Hill, Fellows, McTaggart, Mooney; Acton and Jackson, equal; Cousineau and Ward and Wilson (J. K.), equal; Wilder, Woolward. *Class III.*—Murphy (A. G. S.) and Salamis, equal; Lorin; Macdonald (D.)

and Wain and Whelen, equal; Bishop (T. A. G.); Kennedy and Messenger and Thompson (C. E.), equal; Hall, Bates; Cartwright and Smith (D. W.) and Wilkins, equal; Bradfield, Spratt; Durant and Eager and Mackeen and Reed (G.) and Reid (E. A.), equal; Jenckes; Fisk and Rutherford, equal; Delaney and Martin and Quinlan and Salter, equal.

MECHANICAL ENGINEERING LABORATORY.

Fourth Year.—Class I.—Congleton, Maxwell, O'Halloran; Langstroth and Winslow, equal. *Class II.*—Hall and Macfarlane, equal; Mooney, Ward, Durant. *Class III.*—Jenckes, Wilkins, Wilson (J. K.), Smith (D. W.).

Third Year.—(General Course.)—Class I.—Harris, Weldon; Biggar and Munro (W. C.), equal; Clark (G. S.); Bastable and Hamilton and Tatley, equal. *Class II.*—Crawford and Spratt, equal; Cousineau; Holt and McTaggart, equal; Brooks, Wright, Notman; Gooch and Morrisette, equal; MacNider, Ford; Bissell and Pevzner, equal; Grant and Lorin and Ramsey and Read (E. A.) and Roberton, equal; Cartwright and Holmes and Jandrew and Kyle and Macnaughton, equal. *Class III.*—Fry and Hastings and Humes and Messenger, equal; Ahern (A. W.) and Carlyle and Clarke (I. W.), equal; Foss and Potter, equal; Fisk and Godard and Macdonald and Nesbitt and Wain, equal; Macrae and Porritt and Rutherford, equal; Duff and Eager and Mackenzie (D. G.) and McLennan, equal; Bates and Bradfield and Elliot and Ross (J. H. D.) and Thompson, equal; Black and Carson and Wilson (J. M.), equal; Cloutier and Hamel, equal; Brown (G. B.) and Coughlan and Fraser, equal; MacGregor and Patterson, equal; Crane and Martin, equal; Drummond and Farquharson and Hulburd and Mackenzie (G. H.) and Murphy (A. G. S.) and Scott and Wait and Wilder and Wilson (H. A.), equal; Evans and Loebel and Woodward and Woolward, equal.

Third Year.—(Electrical Engineering Course.)—Class I.—Desbarats, Bush, Paddon, Handy, Mitchell (R. J.), Russel. *Class II.*—Clarke (E. L.), Mott, Banfill; Anderson and Brown (E. V.), equal; Bonneville, Taber; Gordon and Kerr and Simons, equal. *Class III.*—Glenn and King, equal; McDougall; Parker and Wonham, equal; Benett, Armstrong.

METALLURGICAL LABORATORY (THESIS).

Fourth Year.—Class I.—Fowler and Harrison, equal; Clark (R. G.) and Jordan and Nutter, equal. *Class II.*—None. *Class III.*—Clossey and Henderson, equal.

ORE DRESSING LABORATORY.

Fourth Year.—*Class I.*—Dewar; Clarke and Palmer and Saunders, equal; Brow and Weldon, equal. *Class II.*—Davis and Mawdsley and Nutter, equal; Fowler and Livingstone, equal; Bain and Gill and Harrison, equal; Cromwell and Henderson and Tansley, equal; Jordan; Clossey and Rochester and Wells, equal. *Class III.*—Scriver.

PHYSICAL LABORATORY.

Fourth Year.—*Class I.*—Anderson and Louttit, equal; Gliddon, Hill, Jackson; Acton and Bishop (T. A. G.) and Eaton, equal. *Class II.*—Fellows and Macdonald (D.), equal; Canning and Vaughan, equal; Vineberg, Thompson (G. M.), Salamis, Kennedy, Whelen, *Class III.*—None.

Second Year.—*Class I.*—Layne, Moore, Woollcombe; Downs and Steacie, equal. *Class II.*—Bloomfield; Gordon and Oliver (J. H.), equal; Culpeper and Moran, equal; Binns and Matheson and Smith (R. M.), equal; Bradshaw (G. R.) and Buller and Munro (D. J.), equal; Abbott-Smith and Brisbane and Elkington and Kennedy and Pelletier and Toole, equal; Timmis; Cregeen and Finley and Gamble and Jackson and Powell (A. T.) and Whittemore and Wood and Yorston, equal; Eadie and Faith and Graham and Harbert and Legg and Radley and Read (D. E.), equal; Cooper (P.E.) and Evans and Lawrence and Malone and Rochester and Stephen, equal; Bieler and Buffam and Chisholm and Sherwood and Stone and Tallon and Taylor and Terrance, equal; Antliff and Johnson and Laidley, equal; Fleming and Gaudet and Horsey and MacLaren (A. R.) and Raskin and Turnbull, equal; Ambridge and Brough and Carpenter and Scott (J. M.) and Shier and Webster, equal. *Class III.*—Dalrymple and Dickinson and Jones and Kezar and Kingsmill and McCracken and McMeans and Plow and Reid (H. E.) and Ross, equal; Armstrong and Bleau and Connell and Crain and Desbarats and Foss (D. B.) and Hague and Jerrom and Oliver (C. J.), equal; Allan and Bishop (E. G.) and Brumell and Cuttle and Davies (C. B.), equal; Caldwell and Currier and Davis (W. W.) and Denis (B. T.) and Dormer and Grant and Katz and Livingstone and Powell (F. E.) and Raginsky and Reaper and Smith (A. E.), equal; Budden and LeBaron and Mitchell and Rorke and Snyder, equal; Cleveland and Dupuis and Gegg and McKindsey and Owens and Smith (A. W. S.), equal; Peters and Streadwick, equal; Fagan and Foss (L. J.) and Griffith and Mulligan and Patterson and White, equal; McLagan and McNaughton and Munn and Munro (G. H.), equal; Bradshaw (F. W.) and

Holden and Lea and Smallhorn and Spriggs, equal; Champion and Finlayson and Maclaren (A. B.) and Macnutt and Mills and Simpson (J. C.), equal; Clark and Mallison, equal; Craik and Foster and Harling and Kingan and Lemieux and Morin and Velasco and Willis and Winter and Wylde, equal; Davidson and Gilbert and Hamilton and McDonald (S. J.) and Patton and Renouf, equal; Baillie and Blackall and Brodeur (J. C.) and Cross and McCaw and O'Heir and Parsons and Scott (L. J.) and Simpson (R. L.) and Taschereau, equal.

First Year.—*Class I.*—Atkinson, Cochran; Benjamin and Lanctot and Shlakman, equal; Howes and Stewart (D. L.), equal; McCall and Phipps, equal; Pringle; Delcellier and Dick and Mercier, equal; Shaw (G. E.); Hayes and Trenholme, equal. *Class II.*—Becking and Muir and Rudenko and Shatford, equal; Fairbairn and Goldstein and James and Logan and Warren (F. B.), equal; Davidson and Ree and Snyder, equal; Finlayson (A. W.) and Finlayson (S. M.) and Lane and Matheson (G. L.), equal; Darling and Gray and Weisburgh, equal; Heyman and Higgerty and Paterson and Wilson (H.), equal; Buchanan; Archer and Bryant and Malone and Manson and Munro (W. D.), equal; Buzzell and Couture and Ferguson and Mitchell and Wilson (G.), equal; Buraschi and Campbell and Gillett and Simmonds and Winter, equal; Ashby and Braithwaite (E. E.) and Bray and Goodall and Kirschberg and Naismith, equal; Allcorn and Barnes and Burroughs and Douglas and Malkevitch and McMaster and Miller (A. P.) and Nutting and Rumpel, equal; Cooper and Harris and Luxton and Nixon and Pollock and Macnab (A. G.), equal; Dion and Moore and Rochester and Roy, equal. *Class III.*—MacGillis and Racey, equal; Foy and MacNab (A. H.) and Smith, equal; Bailey (L. W.) and Forbes and Freedman and Morrin, equal; Poulin; Finley and Holland and Kent and Miller (A. J.) and Timmins and White (C. P.) and White (W. J.) and Woolsey, equal; Meikle, Donohue; Andrews and Brophy and Cornell, equal; Farrell and Giles and Ogilvy, equal; McDonald (H. R.) and Panneton (J. S.) and Robinson and Williamson, equal; Stockwell; Boyd and Braithwaite (J. Y. W.) and Matheson (G. W.) and McGregor and Taylor and Wardrope, equal; Butler and Vernot, equal; Addie and Anderson and Butler (E. W. R.) and Donnelly and Martin and Stewart (H. M.), equal.

STRENGTH OF MATERIALS LABORATORY.

Third Year.—*Class I.*—Biggar, Mott, Russel, McTaggart, Farquharson; Brooks and Holt and Murphy (A. G. S.), equal. *Class II.*—Bastable and Lorin and Reid (E. A.) and Weldon and Wool-

ward, equal; Bonneville and Thompson, equal; Brown (E. V.) and Mitchell (R. J.), equal; Carlyle and Clarke (I. W.) and Wain, equal; Bush and Clarke (E. L.) and Gordon and Handy and Hastings and Morrissette and Parker, equal; Black and Desbarats and Duff and Godard and King, equal; Anderson and Bissell and Clark (G. S.) and Fisk and Jandrew and Reed (G.) and Ross (J. H. D.) and Rutherford, equal; Armstrong and Bates and Paddon and Taber, equal; Bradfield and Cartwright and Crawford and Kerr and Wilson (H. A.), equal; Evans and Grant and Harris and Notman and Taylor (E. P.), equal; Ford and Pevzner, equal; Ahern (A. W.) and Macnaughton and Tatley, equal; Carson and Fraser and Gooch and Holmes and Humes and Mackeen and McLennan and Wightman and Wilder and Woodward, equal; Foss and Fry and Glen and McClelland and McEvoy and Nesbitt and Potter, equal; MacGregor and Mackenzie (D. G.) and Messenger, equal. *Class III.*—Crane and Eager and MacNider and Macrae and Porritt, equal; Elliott; Banfill and Boronow and Kyle and Mackenzie (G. H.) and Spratt, equal; McDougall and Patterson, equal; Ahern (P. C. B.) and Cloutier and Coughlan, equal; Johnson and Mackenzie (W. B.) and Wilson (J. M.), equal; Gurman and Loebel and Morrison and Ross (C. G.) and Salter, equal; Martin; Cousineau and Robertson and Scott, equal; Hulburd and Mitchell (J. M.), equal; Shotwell; Bennett and Davis and Ramsey and Root, equal; Simons, Wonham; Hamilton and Macdonald and Reiffenstein and Stockwell and Wright, equal.

MACHINE DESIGN.

Fourth Year.—(*Electrical Engineering Course*). — *Class I.*—Fellows, Sloves, Canning, Phelan; Anderson and Hill and Thompson (G. M.) and Vineberg, equal; Jackson and Louttit, equal. *Class II.*—Macdonald, Eaton, Bishop, Kennedy. *Class III.*—Acton and Salamis and Whelen, equal.

Fourth Year (Mechanical Engineering Course).—*Class I.* — Congleton, Winslow, Gliddon. *Class II.*—O'Halloran, Langstroth. *Class III.*—Macfarlane, Wilson (J. K.); Durant and Wilkins, equal; Jenckes and Maxwell, equal; Hall and Mooney and Smith (D. W.), equal.

Third Year.—*Class I.*—Mott; Biggar and Clark (G. S.), equal; Desbarats, Handy. *Class II.* — Morrissette; Crawford and Taber, equal; Bonneville; Bastable and Kerr, equal; McLennan. *Class III.* — Bush and Paddon, equal; Wilson (H. A.); Brown (E. V.) and Evans, equal; Mitchell (R. J.); Ford and Macrae, equal; Jandrew, Ahern (P. C. B.), Clarke (E. L.); Foss and Mac-

Nider and Wonham, equal; Armstrong and Gordon, equal; Anderson and Holmes and Holt and Ramsey and Russel, equal.

MANUFACTURING PLANT DESIGN.

Fourth Year. — *Class I.* — None. *Class II.* — Smith (D. W.).
Class III. — None.

MAP PROJECTIONS.

Third Year. — *Class I.* — Bates, Lorin, McTaggart; Cartwright and Eager and Wilder, equal; Cousineau and Messenger and Woolward, equal. *Class II.*—Mackenzie (W. B.), Bradfield, Fisk, Quinlan. *Class III.* — Spratt; Murphy (A. G. S.) and Thompson (C. E.), equal; Martin; Reed (G.) and Wain, equal; Rutherford, Reid (E. A.); Delaney and MacKeen, equal.

MAPPING

Second Year. — *Class I.*—Moore, McNaughton; Chisholm and Kennedy and Kingan, equal; Culpeper and Legg and Sherwood and Toole; equal; Gilbert and Kezar and Wood, equal; Cooper (P. E.) and Powell (A. T.) and Smith (A.E.), equal; Layne and Rorke and Willis, equal; Cregeen and Eadie and Radley, equal; Cooper (H. C. D.) and Crain and Faith and LeBaron and Oliver (J. H.) and Plow and Terrance and Turnbull, equal. *Class II.*—Brumell; Brisbane and Champion and Connell and Cuttle and Matheson and Munro (G. H.) and Oliver (C. J.) and Reaper and Stephen, equal; Buffam and Jerrom and Johnson and Laidley and Maclaren (A. B.) and Wilson, equal; Allan and Gordon and Harbert and Jackson and MacLaren (A. R.) and Streadwick, equal; Dickinson and Peters and Shier and Velasco, equal; Armstrong and Cross and Hamilton and Macnutt and McMeans and Smith (R. M.) and Webster, equal; Bieler and Downs and Munro (D. J.) and Raginsky and Reid (H. E.), equal; Caldwell and Finlayson and Finley and McKindsey and Rhind and Tallon and White, equal; Binns and Bradshaw (F. W.) and Davies (C. B.) and Rochester and Yorston, equal; Budden and Foster and Holden and Simpson (R. L.) and Wylde, equal; Foss (D. B.); Carpenter and Davis (W. W.) and Dupuis and Fagan and Graham and Grant and Livingstone and McCaw and McCracken and Read (D. E.) and Whittemore, equal; Ambridge and Brough and Deslover and Horsey and Patton and Scott (J. M.) and Spriggs and Timmis, equal; Dalrymple and Gaudet and Goldberg and Katz and Mills and Moran and Roquet and Smallhorn and Snyder and Taylor, equal; Abbott-Smith and Bishop (E. G.) and Cope and Craik and Dor-

mer and Gamble and Lawrence and Morin and O'Heir and Pelletier, equal. *Class III.*—Buller and Currier and Mitchell and Raskin and Sherrard, equal; Bloomfield and Bouillon and Evans and Mulligan and Powell (F. E.) and Steacie, equal; Bishop (J. G.) and Blackall and Bradshaw (G. R.) and DeSalaberry and Gegg and McLagan and Ross and Scott (L. J.) and Simpson (J. C.), equal; Fleming and Griffith and Lea and Stone, equal; Brodeur (J. P.) and Elkington and Mallison and Patterson and Winter, equal; Davidson and Desbarats and Jones and Macduff and Malone and Renouf, equal; Amos and Cox and Foss (L. J.) and Leitch and Woolcombe, equal; Stirling; Denis (B. T.) and Hague and McLeod and McDonald, equal; Baillie and Lemieux and Parsons and Smith (A. W. S.), equal; Cleveland and Harling and Taschereau, equal; Antliff and Kingsmill, equal; Bleau and Brodeur (J. C.) and Clark and Owens and Stethem, equal.

MATERIALS OF CONSTRUCTION.

Second Year. — Class I. — Buller, Layne, Radley, Webster, Harbert; Moore and Smith (R. M.), equal; Bloomfield and Faith, equal; Culpeper and Deslover, equal; Yorston; Kennedy and Toole, equal; Cregeen and Turnbull and Wood, equal; Abbott-Smith and Oliver (J. H.) and Sherwood, equal. *Class II.*—Bieler; Blackall and Connell and Finlayson and Pelletier, equal; Legg and Simpson (R. L.), equal; Read (D. E.) and Steacie, equal; Cuttle and Rhind, equal; Armstrong and Jones and Matheson and Powell (A. T.), equal; Graham and Ross and Woolcombe, equal; Stephen; Kezar and Peters and Scott (J. McD.), equal; Horsey and Plow and Tallon, equal; McCaw and Raskin, equal; Antliff and Chisholm and Dickinson and Hague and Taschereau and Willis, equal; Gamble and Gordon and O'Heir and Timmis, equal; Gilbert and Grant and McKindsey and Mills and Rochester, equal. *Class III.*—Allan and Ambridge and Malone and Terrance equal; Brumell and Davidson and Davies (C. B.) and Johnson and Laidley and Smith (A. W. S.), equal; Bradshaw (G. R.) and Gunton and Mitchell, equal; Craik and Desbarats and Jackson and McNaughton and Owens and Patton and Rorke, equal; Foss (L. J.) and Gegg and Patterson and Stone, equal; McLagan and Stirling and Taylor, equal; Carpenter and Munro (D. J.) and Oliver (C. J.), equal; Kingsmill and LeBaron and Lee, equal; Cox and Denis and Foss (D. B.) and Winter, equal; DeSalaberry and Griffith and Fagan, equal; Binns and Cross and Finley and Friedman and Snyder, equal; Bishop (E. G.) and Reid (H. E.) and Roquet, equal; Livingstone and Powell (F. E.) and Shier and Simpson (J. C.) and Streadwick,

equal; Cleveland and Dalrymple and Downs and Evans and Kingan and Lawrence and McLaren (A. B.) and Whittemore, equal; Buffam and Crain and Elkington and McNutt and Smallhorn, equal.

MATHEMATICS.

ALGEBRA.

First Year.—Class I.—Shaw (G. E.), Manson, Howes; Atkinson and Rochester, equal; Barnes and Shlakman and Warren (F. B.), equal; Becking and Darling, equal; Delcellier and Lanctot, equal. *Class II.*—Kent, James; Burroughs and Malone, equal; Stewart (D. L.), Mercier, Ogilvy; Archer and Ferguson and Phipps, equal; Benjamin and Goodall and Paterson, equal; Cochran and Dion and Freedman and Higgerty and Holland and Kirschberg and Logan and McCall and Rudenko and Snyder, equal. *Class III.*—Finlayson (S.M.), Miller (A.P.); Douglas and Moore and Ree and Timmins, equal; Farmer and Farrell, equal; Malkevitch, Muir; Fairbairn and Matheson (G. L.) and Mitchell and Naismith and Rumpel and Wilson (G.), equal; Buchanan and Buzzell and Luxton and Pringle and Weisberg, equal; Bray and Schlee and Stockwell and Taylor and Trenholme, equal; Campbell and Finlayson (A. W.) and Giles and Goldstein and McLaren and Nutting, equal; Bailey (L.W.) and Consiglio and Cope and Couture and Davidson and Dick and Lane and MacGillis and McMaster and McNab (A. H.) and Robinson and White (C. P.), equal; Braithwaite (E. E.) and Williamson, equal; Addie and Ashby and Cornell and Donohue and Gravel and Hayes and Meikle and Wilson (H.), equal; Anderson and Andrews and Brown and Butler (E. W.) and Draper and Findlay and Forbes and Foy and Gray and Heyman and Johnson and Lawrence and McDonald (H. R.) and Munro and Nixon and Olive and Panneton (J. J.) and Robertson and Warren (W. A.) and Whittal and Winter and Woolsey, equal.

ANALYTIC GEOMETRY.

Second Year.—Class I.—Harbert and Kennedy, equal; Moore, Yorston; Buller and Culpeper and Layne, equal; Oliver (J. H.), Bleau; Buffam and Craik and Ross and Smith (A. E.) and Webster, equal. *Class II.*—Read (D. E.); Crain and Gordon and Simpson (R. L.) and Smith (R. M.), equal; Ambridge; Binns and McKindsey, equal; Laidley; Allan and Mills and Munro (D. J.), equal; McNaughton; Eadie and Rochester and Toole and Turnbull, equal; Bishop (E. G.) and Bishop (J. G.) and Bloomfield and Cregeen and Gegg and Legg, equal; Caldwell and Steacie

and Tallon and Wood, equal; Armstrong and Dormer and Downs and Lea, equal. *Class III.*—Blackall and Denis and Moran (T. M.) and Stephen and Terrance and Willis, equal; Brough and Davies (C. B.) and Lawrence and MacLaren (A. R.) and Roquet, equal; Peters; Desloover and Fagan and Faith and Finlayson and Foss (D. B.) and Reid (H. E.) and Velasco, equal; Jones and Rorke, equal; Davidson and McLagan and Pelletier and Radley and Sherwood and Stethem, equal; Brodeur (J. C.) and Brodeur (J. P.) and Carpenter and Chisholm and Smallhorn, equal; Brisbane and Cooper and Finley and Livingstone and Matheson and Wylde, equal; Connell and Simpson (J. C.) and Whittemore, equal; Johnson and McCracken and Patton and Powell (A. T.), equal; DeSalaberry and Graham and Grant and Scott (L. J.) and Taschereau, equal; Gilbert and LeBaron and Parsons and Raskin, equal; Cross and Desbarats and Morin and White, equal; Abbott-Smith and Currier and Dickinson and Dupuis and Fleming and Foss (L. J.) and Gaudet and Goldberg and Griffith and Hamilton and Harling and Holden and Jenks and Jerrom and Katz and Kezar and Macnutt and Malone and Owens and Powell (F. E.) and Renouf and Streadwick and Taylor, equal.

CALCULUS.

Third Year.—*Class I.*—Bonneville, Mott, McDougall, Bush, Taber.

Class II.—Biggar and Brown (E. V.), equal; Armstrong and Wonham, equal; Kerr, Clark (E. L.). *Class III.*—Banfill and Paddon, equal; Gordon; Ahern (P. C.) and Russel, equal; Mitchell (R. J.); Desbarats and Glen, equal; Parker.

Second Year.—*Class I.*—Culpeper, Harbert, Kennedy, Moore; Laidley and Yorston, equal; Davies, (C. B.); Layne and Oliver (J. H.) and Webster, equal; Bloomfield and Buller and Connell and McNaughton and Steacie, equal; Johnson; Ambridge and Munro (D. J.) and Rochester and Stephen, equal. *Class II.*—Patton; Budden and Gaudet and Gegg and Gordon and Sherwood and Simpson (R. L.), equal; Cox and Moran (T. M.) and Woollcombe, equal; Denis and Matheson, equal; Jones and Ross and Smith (A. E.), equal; Bleau and Tallon and Turnbull, equal; Crain and Desloover and Eadie and Finley and Wood, equal; Blackall and Brumell and Desbarats and Dupuis and Mitchell and Rorke, equal; Brodeur (J. C.) and Griffith, equal; Bishop (J. G.) and Craik and Smith (R. M.) and Stethem, equal; McLagan and Velasco, equal; Dalrymple and Finlayson and Hague and Terrance, equal; Grant and McKindsey and Radley, equal; Brough and Gilbert and Katz and Peters and Smith (A. W. S.), equal; Champion and Cregeen and Horsey and Livingstone and

Toole, equal. *Class III.*—Spriggs; Faith and Goldberg and Jackson and Kingsmill and McCracken and Powell (A. T.) and Taschereau, equal; Binns and Downs and Gamble and Graham and MacLaren (A. R.) and Scott (L. J.), equal; Mills and Patterson and Scott (J. M.) and Willis, equal; Abbott-Smith and Bishop (E. G.) and Carpenter and Cooper (P. E.) and Hamilton, equal; Brisbane and Buffam and Cuttle and Dormer and Fagan and Kezar, equal; Allan and Caldwell and Chisholm and Read (D. E.) and White and Whittemore, equal; DeSalaberry and Holden and Simpson (J. C.), equal; LeBaron and Sherrard, equal; Cleveland and Davis (W. W.) and Timmis, equal; Brodeur (J. P.) and Cross and Munro (G. H.) and Reid (H. E.), equal; Bradshaw (G. R.) and Davidson and Dineen and MacLaren (A. B.) and Oliver (C. J.), equal; Armstrong and Bieler and Elkington and Holcomb and Lea and Lemieux and Malone and Roquet, equal; Foster and Macnutt and Raskin, equal; Dickinson and Fleming and Foss (D.B.) and Foss (L. J.) and Fotheringham and Jenks and Legg and McCaw and Powell (F. E.) and Wylde, equal.

GEOMETRY.

First Year.—*Class I.*—Atkinson, Shaw (G. E.), Wilson (G.), Cochran; Delcellier and Howes and Kent and Lanctot and McCall, equal. *Class II.*—Mercier, Matheson (G. L.); Freedman and Miller (A. P.), equal; Archer and Higgerty and Phipps and Rochester, equal; Dick; Becking and Fairbairn and Snyder and White (C. P.), equal; Stewart (D. L.); Douglas and Farrell, equal; Burroughs and Dion and Goodall and Shatford and Stockwell, equal; Ashby and Donohue and Miller (A. J.) and Ogilvy, equal; Darling and Holland and Lane and Morrin, equal. *Class III.*—Heyman and Paterson (A. P.), equal; Braithwaite (E. E.) and Logan and Luxton and Mitchell, equal; Brown (C. B.) and Buzzell and Findlay and Finlayson (S. M.) and Kirschberg and McNab (A. H.) and Pringle and Woolsey, equal; Benjamin and Boyd and Gravel and James and Murray, equal; Malone and Warren (F. B.), equal; Donnelly and Panneton (J. S.) and Shlakman, equal; Farmer and Finlayson (A. W.) and LeMay and Steinberg and Thompson, equal; Johnson and Nutting, equal; Addie and Butler (B. M.) and Butler (E. W.) and Giles and Gillett and Moore and Simmonds and Winter, equal; Bryant and Campbell and Cornell and Hayes and MacGilles, equal; Buraschi and Lawrence and MacNab (A. G.) and Schlee, equal; Bailey (L. W.) and McCarthy and Racey, equal; Barnes and Forbes and Malkevitch and MacGregor and Trenholme, equal; Allcorn and Anderson and Andrews and

Bouchard and Brathwaite (J. Y.) and Buchanan and Cooper and Cope and Cram and Ferguson and Foy and Goldstein and Gray and Harris and Kruger and McDonald (H.R.) and McLaren and Muir and Munro and Naismith and Panneton (J. J.) and Ree and Rudenko and Rumpel and Seale and Smith and Starke and Stewart (H. M.) and Taylor and Timmins and Vernot and Warren (W. A.) and Weisburgh and Whitehead and Whittall and Williamson and Wilson (H.), equal.

MECHANICS.

Third Year.—Class I.—Bonneville and Clarke (E. L.) and Mott, equal; McDougall and Wonham, equal; Lorin; Biggar and Kerr and Taber, equal. *Class II.*—Woolward, Morrissette; Eager and McTaggart, equal; Holt, McGregor; Bradfield and Bush and Mitchell and Murphy (A. G. S.), equal; Foss; Ford and Holmes, equal. *Class III.*—Desbarats and Paddon and Spratt, equal; Evans; Crawford and Handy and McLennan, equal; Fry; Messenger and Wain, equal; Bates and Brown (E. V.), equal; Clark (G. S.) and Johnson and Potter, equal; Martin, Gordon; Cartwright and Jandrew and Kirsh and Ramsey and Wilson (S. H.), equal; Russell, Armstrong, Elliot and Macrae and Notman and Robertson and Simons, equal.

Second Year.—Class I.—Kennedy, Webster, Moore, Radley, Yorston, Wood; Culpeper and Read (D. E.), equal. *Class II.*—Layne; Matheson and Steacie, equal; Bloomfield and Johnson and Smith (A. E.), equal; Munro (D. J.); Cregeen and McNaughton, equal; Buller and Eadie and Gordon, equal; Blackall and Harbert and McKindsey and Raskin, equal; Sherwood; MacLaren (A. R.) and Malone and Ross and Stephen and Woollcombe, equal; Smith (R. M.); Crain and Finley and Grant and Kezar and McCaw, equal. *Class III.*—Patton and Simpson (R. L.) and Timmis, equal; Allan and Budden, equal; Ambridge and Binns and Scott (J. M.) and Smallhorn, equal; Brough and Dalrymple and Davies (C. B.) and Reid (H. E.) and Rochester and Turnbull, equal; Horsey and McLagan and Tallon and Toole, equal; Abbott-Smith and Brumell and Deslover and McClelland, equal; Armstrong and Connell and Craik and Hague and Powell (A. T.), equal; Chisholm and Lea and Owens and Rorke, equal; Desbarats and Downs and Friedman and Gaudet and Graham and Jenks and Moran and Oliver (J. H.) and Stethem, equal; Faith and Gegg and Laidley, equal; Dormer and Foster and Legg and Mills and Pelletier and Peters and Roquet and Stirling and Taschereau and Terrance, equal; Brodeur (J. C.) and Cuttle and Finlayson, equal; Bieler and Bradshaw (G. R.) and Champion and Denis and Foss (D. B.)

and Gamble and Griffith and Lawrence and LeBaron and Scott (L. J.) and Shier and Simpson (J. C.) and Spriggs and Streadwick and Whittemore and Wylde, equal; Bishop (E. G.) and Caldwell and Davis (W. W.) and Holden and Jackson and Jones and Katz and Kingan and Morin and Patterson and Powell (F. E.) and Smith (A. W. S.) and Taylor and Velasco, equal.

First Year.—Class I.—Atkinson, Shaw (G. E.); Howes and Rochester, equal; McCall; Lanctot and Mercier, equal; Miller (A. P.) and Shlakman, equal; Muir, Goodall, Dick, Consiglio and Malkevitch, equal. *Class II.*—Finlayson (A. W.); Benjamin and Kirschberg and Luxton, equal; Archer and Cochran and Darling, equal; Ferguson, Matheson (G. L.); Becking and Higgerty, equal; Buchanan and Delcellier and Finlayson (S. M.) and Stewart (D. L.) and Warren (F. B.), equal; Paterson and Phipps and Pringle, equal; Farrell; Donohue and Gravel and Lane and Manson, equal; Ashby and Brown and Dion and Holland and Snyder, equal. *Class III.*—Bailey (L.W.) and Freedman and Miller (A. J.), equal; Ogilvy; Kent and Weisberg and Wilson (H.), equal; James and Pollock and Trenholme and Wilson (G.), equal; Braithwaite (E. E.) and Woolsey, equal; Fairbairn and Rumpel, equal; Cornell and Goldstein and Nutting and Simmonds, equal; Barnes and Campbell and Foy and Rudenko and Warren (W. A.), equal; Farmer and Gray, equal; Buzzell and Malone and Ree and Shatford, equal; Anderson and Davidson and Draper and Giles and Gillett and Hayes and MacGillis and MacNab (A. G.) and MacNab (A. H.) and Smith and Taylor and Timmins, equal; Bray and Douglas and Moore and Munro and Naismith and Robinson and Schlee and Wardrope and White (C. P.), equal.

TRIGONOMETRY.

First Year.—Class I.—Lanctot and Manson, equal; Barnes and Howes and Shaw (G.E.), equal; Atkinson; Dick and Holland and James, equal. *Class II.*—Darling and Delcellier and Phipps, equal; Becking and Douglas and Snyder, equal; Benjamin and Ferguson and Higgerty and Kirschberg and Luxton and Paterson and Taylor, equal; Mercier and Muir, equal; Archer; Lane and Shlakman, equal; Finlayson (A. W.) and Kent and Malone and McCall and Rudenko and Stewart (D. L.) and Weisberg, equal; Consiglio. *Class III.*—Finlayson (S. M.) and Warren (F. B.), equal; Shatford; Goodall and Nutting, equal; Braithwaite (E. E.) and Bray and Burroughs and Hayes and Ogilvy, equal; Logan and Miller (A. J.) and Mitchell, equal; Davidson and Wilson (G.), equal; Pollock; Buchanan and Cochran and

Fairbairn and Malkevitch, equal; Farmer and Farrell and Miller (A. P.) and Wilson (H.), equal; Moore and Trenholme, equal; Anderson and Gillett and Gravel and Macnab (A. G.) and McLaren and McNab (A. H.) and Morrin and Munro and Pringle and Woolsey, equal; Cooper and Murphy (E. J.) and Nixon and Seale and Warren (W. A.), equal; MacGillis and Racey and Thompson and Williamson, equal; Ashby and Bailey (L. W.) and Brathwaite (J. Y.) and Butler (E. W. R.) and Buzzell and Campbell and Cope and Dion and Donohue and Forbes and Freedman and Gray and Heyman and Matheson (G. L.) and Naismith and Ree and Robinson and Rumpel and Stockwell and Timmins and Wardrope and White (C. P.) and Winter, equal.

MECHANICAL DRAWING.

Third Year. — (Electrical Engineering Course). — Class I. — Paddon. Class II.—Banfill, Bonneville, Simons, Bush; Anderson and Taber, equal; Kerr and King and Mott, equal; Mitchell (R. J.), Wonham. Class III.—Desbarats and Glen and McDougall, equal; Clarke (E. L.); Parker and Russell, equal; Armstrong and Brown (E. V.), equal; Benett and Gordon, equal; Handy.

Third Year. — (Mechanical Engineering Course). — Class I. — Notman; Black (H. M.) and Holt, equal; Bastable. Class II.—Potter; Biggar and Roberton, equal; McLennan; Clark (G. S.) and Wilson (S. H.), equal; Morrissette; Foss and MacNider, equal; Ford and Macrae, equal; Crawford and MacGregor, equal; Holmes and Hulburd and Johnson, equal; Kirsh. Class III.—Jandrew, Ramsey, Elliot, Fry; Evans and Wilson (H. A.), equal; Tucker, Coughlan.

First Year.—Class I.—McCall and Shaw (G. E.), equal; Snyder, Buzzell, Lanctot; Howes and Torrance, equal. Class II.—Stewart (D. L.); Benjamin and Hayes and Kent, equal; Buraschi; Andrews and James and Ogilvy and Pollock, equal; Ferguson; Logan and Matheson (G. L.), equal; Darling and Pringle and Warren (F. B.), equal; Cochran and Shlakman, equal; Olive and Wilson (H.), equal; Braithwaite (E. E.) and Smith (M. K.) and Wilson (G.), equal; Farmer and Finlayson (A. W.) and Miller (A. J.) and Morrin and Trenholme, equal; Becking and Goodall and MacGregor and Ridout and Wardrope, equal; Ashby; Barnes and Delcellier and Goldstein and Harris and Malone and McNab (A. H.) and Taylor and Weisburgh, equal; Bailey (L. W.) and Couture and Lane and Mitchell and Phipps, equal. Class III. — Findlay and Finlayson (S. M.) and Kirschberg and MacGillis and Poulin and Shatford and Vernot, equal; Anderson and Forbes and Freedman,

equal; Campbell and Heyman and Higgerty and Ree and Seale and Stewart (H. M.), equal; Dion and Gillett and Malkevitch and McMaster and Meikle and Muir and Starke and Woolsey, equal; Bryant and Warren (W. A.) and Williamson, equal; Mercier and Paterson, equal; Boyd and Butler (B. M.) and Gravel and Winter, equal; Cooper and Johnson and Moore and Naismith and Nutting, equal; Brown and Cornell and Manson and Matheson (G. W.), equal; Burroughs and Draper and Gray and Munro and Nixon and Panneton (J. J.) and Racey and Whittall, equal; Addie and Archer and Fairbairn and Rumpel and Simmonds and Thompson, equal; Bray and Butler (E. W. R.) and Davidson and Douglas and Foy and Giles and Lawrence and McCarthy and McLaren and Rochester, equal; Bouchard and Buchanan, equal; Farrell and Panneton (J. S.) and Timmins, equal; Brophey and Cram and Donohue and Holland and Luxton and Macnab (A. G.) and Robinson and Roy and Rudenko and Schlee, equal. Unranked.—Allcorn, Atkinson, Dick, Miller (A. P.), White (W. J.).

MECHANICAL ENGINEERING.

Third Year.—(General Course).—Class I.—Mott; Bush and McTaggart, equal; Desbarats and Godard, equal; Carlyle; Banfill and Hastings, equal; Brown (E. V.), Bonneville, Humes, Handy, Duff. *Class II.*—Weldon; Anderson and Brooks and Taber and Tatley and Wonham and Woodward, equal; Mackenzie (D. G.); Gualtieri and Paddon, equal; Fraser and Mackeen and Porritt and Ross (J. H. D.), equal; Armstrong and Mitchell (R. J.), equal; Clarke (E. L.) and Woolward, equal; Harris and Macdonald (S. L.) and Messenger, equal; Cartwright and Crane, equal; Kerr and Thompson, equal; Carson and Lorin and Nesbitt, equal; Farquharson and Gooch and Grant and Russel and Rutherford and Wightman, equal; Spratt. *Class III.*—Clarke (I. W.) and Gordon and Macnaughton, equal; Ahern (A. W.) and Parker, equal; Bradfield and Fisk and McClelland and Wain, equal; Brown (G. B.) and Wilder, equal; Eager and Martin, equal; Ahern (P. C.) and Bissell and King and Mackenzie (W. B.) and Reid (E. A.) and Wait, equal; Glen, Cousineau; Bates and Mackenzie (G. H.) and Mitchell (J. M.), equal; Murphy (A. G. S.) and Wright, equal; Patterson; McDougall and Pevzner, equal; Kyle and Lawrence and Murphy (E. J.) and Reed (G.), equal; Boronow and Cloutier and Delaney, equal; Davis and Gurman and Hamilton and Munro (W. C.) and Scott and Simons and Wilson (J. M.), equal.

Third Year. — (Mechanical Engineering Course). — Class I. — Biggar, Holt, Clark (G.S.). *Class II.*—Notman, McLennan, Cough-

lan, Crawford; Bastable and Hulburd, equal; Morrisette, Evans, Kirsh. *Class III.*—Foss, Jandrew; Ford and MacNider and Ramsey, equal; Macrae and Wilson (H. A.), equal; Fry; Taylor (E. P.) and Wilson (S. H.), equal; MacGregor, Holmes, Black; Johnson and Robertson, equal.

MECHANICS OF MACHINES.

Fourth Year.—*Class I.*—None. *Class II.*—Congleton and Maxwell, equal; Hall, Macfarlane; Langstroth and Wilson (J. K.), equal; Mooney, Winslow, Jenckes. *Class III.*—O'Halloran, Ward, Durrant, Wilkins.

Third Year.—*Class I.*—Desbarats, Biggar. *Class II.*—Handy, Bonneville; Bush and Clark (G. S.) and Russel, equal; Clerk; Bastable and Taber, equal; Ford and Holmes, equal; McLennan; Mitchell (R. J.) and Mott, equal; Ahern and Morrisette and Notman, equal; Holt, Jandrew. *Class III.*—Robertson, Banfill; Clarke (E. L.) and Kerr and Paddon, equal; Parker, Foss, Armstrong; Anderson and Glen, equal; Hulburd and MacNider, equal; McDougall; Bennett and Coughlan and Potter and Simons, equal; Crawford and Wilson (H. A.), equal; Brown (E. V.) and Johnson and Macrae and Taylor (E. P.), equal.

Second Year.—*Class I.*—Buller and Culpeper and McKindsey, equal; Legg and Moore, equal; MacLaren (A. R.), Layne; Kennedy and MacNaughton, equal; Johnson and Jones and Patton and Rorke, equal; Reid (H. E.) and Rochester and Ross and Timmis, equal; Blackall and Munro (D. J.) and Oliver (J. H.) and Sherwood, equal; Bloomfield and McLagan, equal; Abbott-Smith and Cregeen and Reaper and Smith (R. M.), equal. *Class II.*—Antliff and Brough and Harbert and Smith (A. E.) and Turnbull and Webster, equal; Davies (C. B.) and Woolcombe, equal; Brisbane and Cuttle and Stephen, equal; Crain and Gilbert, equal; Bieler and Dalrymple and Faith and Finley and Lea and McCaw, equal; Raginsky, Eadie; Cross and Tallon, equal; Goldberg and Griffith and Powell (A. T.) and Steacie and Wood, equal; Evans and Grant and Taylor and White, equal; Elkington and Fagan and Finlayson and Friedman and Gaudet and Katz and Radley and Scott (J. M.), equal; Caldwell and Holden and Horsey and Powell (F. E.) and Whittemore, equal; Budden and Downs and Dupuis and Lawrence and Taschereau, equal; Bleau and Buffam and Smith (A. W. S.) and Velasco, equal. *Class III.*—Binns and Jenks and Kezar and Oliver (C. J.), equal; Ambridge and Bishop (J. G.) and Carpenter and Gamble and Laidley and O'Heir, equal; Champion and Brumell and LeBaron, equal; Deslover and Roquet, equal; Baillie and Chis-

holm and Cox and Foss (D. B.) and Hamel and Matheson and Pelletier and Read (D. E.) and Sherrard and Simpson (R. L.), equal; Bishop (E. G.) and Cooper (P. E.) and Dickinson and Stirling and Terrance and Willis, equal; Allan and Desbarats and Dormer and Hague and Owens and Peters and Shier and Toole and Wylde, equal; Armstrong and Bradshaw (G. R.) and Kingsmill and Spriggs, equal; Brodeur (J. P.) and Denis (B.T.) and Gordon and Moran (T. M.), equal; Bradshaw (F. W.) and Cleveland and Currier and Fotheringham and Holcomb and Leitch and Malone and Mills and Mitchell and Smallhorn, equal; Craik and DeSalaberry and Gegg and Parsons, equal; Jackson; Davidson and Patterson and Simpson (J. C.) and Streadwick, equal; Fleming and Gualtieri and MacNutt and Yorston, equal; Connell and Foss (L. J.) and Foster and Hamilton and McClelland and Murphy (E. J.) and Raskin and Reeve and Renouf and Stethem and Winter, equal.

METALLURGICAL CALCULATIONS.

Third Year.—*Class I.*—Kyle, McClelland. *Class II.*—Pevzner, Humes. *Class III.*—Hamilton, Scott, Godard.

METALLURGICAL COLLOQUIUM

Fourth Year.—*Class I.*—Fowler; Clark (R. G.) and Jordan, equal; Clossey and Harrison and Henderson and Nutter, equal. *Class II.*—None. *Class III.*—None.

Third Year.—*Class I.*—Hamilton; Duff and Humes, equal; Buchanan and Mackenzie (G. H.) and Kyle and McClelland and Pevzner, equal. *Class II.*—Scott (P. S.), Wait. *Class III.*—Godard and Murphy (E. J.), equal; Morrison, McCallum.

METALLURGICAL LABORATORY AND METALLOGRAPHY.

Fourth Year.—*Class I.*—Calkin and Kay, equal; Challenger, Copping; Harris and Johnston, equal; Giles and Hyndman, equal. *Class II.*—Yates, Purcell, Forbes, Gibbs. *Class III.*—None.

METALLURGICAL MACHINERY AND DESIGN.

Fourth Year.—*Class I.*—Fowler, Harrison, Clark (R. G.). *Class II.*—Jordan, Nutter. *Class III.*—Clossey and Henderson, equal.

METALLURGY.

Fourth Year.—*Class I.*—Fowler, Harrison, Henderson; Bain and Dewar and Gill and Saunders, equal. *Class II.*—Weldon, Brow, Nutter, Cromwell, Clarke (R. G.), Tansley, Rochester. *Class*

III.—Davis; Jordan and Palmer, equal; Livingstone, Mawdsley, Wells, Clossey.

Fourth Year.—(*Metallurgical Engineering Course*).—*Class I.*—Harrison, Jordan; Clark (R. G.) and Fowler, equal. *Class II.*—Nutter, Henderson. *Class III.*—None.

Third Year.—(*Chemistry and Chemical Engineering Courses*).—*Class I.*—Tatley, Grant. *Class II.*—Brooks and Taylor (J. E.), equal; Clarke (I. W.), Binmore, Ahern (A. W.), Macnaughton. *Class III.*—Munro (W. C.); Brown (G. B.) and Chorney and Farquharson, equal; Fraser and Ross (J. H. D.) and Woodward, equal; Gooch and Loebel and Midgley, equal; Carson and Wright, equal; Drummond; Boronow and Crane, equal; Mitchell (J. M.).

Third Year.—(*Metallurgical Engineering and Mining Engineering Courses*).—*Class I.*—Humes, Scott; McClelland and Weldon, equal. *Class II.*—Carlyle, Bissell; Duff and Hastings, equal; Godard and Pevzner, equal. *Class III.*—Porritt; Kyle and Wait, equal; Wightman, Macoun, Hamilton; Mackenzie (G. H.) and Nesbitt, equal; Wilson (J. M.); Buchanan and Lawrence, equal; Davis and Morrison and Ross (C. G.), equal.

MINE MAPPING.

Third Year.—*Class I.*—Bissell and Weldon, equal. *Class II.*—Wightman, Carlyle, Porritt, Wilson (J. M.); Hastings and Ross (C. G.), equal; Nesbitt, Macdonald. *Class III.*—Davis (S. H.), Lawrence.

MINERAL ANALYSIS.

Fourth Year.—*Class I.*—Saunders. *Class II.*—Davis (S.) Mawdsley, Weldon, Bain; Brow and Tansley, equal. *Class III.*—Dewar; Livingstone and Wells, equal; Cromwell and Palmer and Rochester and Scriver, equal.

MINERALOGY.

Third Year.—*Class I.*—Weldon; Binmore and Carlyle, equal; Bissell, Harris; Brooks and Duff, equal; Humes. *Class II.*—Ahern (A. W.); Tatley and Taylor (J. E.), equal; Farquharson and Loebel and Wightman, equal; Drummond and Godard and Grant and Nesbitt and Wilson (J. M.), equal; Carson and Hastings and Wait, equal; Kyle, Pevzner. *Class III.*—Gurman; Hamilton and Woodward, equal; Ross (J. H. D.), Porritt, Gooch, Boronow; Munro (W. C.) and Wright, equal; Scott, Morrison, Lawrence, Mackenzie (G. H.); Clarke (I. W.) and Macdonald and Macnaughton and Ross (C. G.), equal.

MINERALOGY. (DETERMINATIVE).

Third Year.—*Class I.*—Weldon, Duff, Humes; Carson and Nesbitt, equal; Ahern (A. W.) and Carlyle, equal; Bethune, Taylor (J. E.), Scott, McEvoy, Munro; Binmore and Bissell, equal. *Class II.*—Clarke (I. W.) and Macnaughton and Wilson (J. M.), equal; Grant; Fraser and Kyle and Ross (C. G.) and Tatley, equal; Brown (G. B.) and Hastings and Pevzner, equal; Godard and Porritt, equal; Brooks; Gooch and Loebel, equal; Davis and Farquharson and Wightman, equal; Chorney; Boronow and Stockwell and Wright, equal; Hamilton and Lawrence and Morrison, equal. *Class III.*—McCallum and Midgley, equal; **Crane and Murphy (E. J.), equal; Wait; Macdonald (S. L.)** and Schleifstein, equal; Macoun; Drummond and Mitchell (J. M.), equal; Buchanan and Mackenzie (G. H.) and Ross (G. H. D.) and Woodward, equal.

MINING COLLOQUIUM.

Fourth Year.—*Class I.*—Bain and Gill and Palmer, equal. *Class II.*—Dewar and Saunders, equal; Mawdsley and Rochester, equal; Davis, Brow; Cromwell and Weldon, equal; Sriver. *Class III.*—Livingstone and Tansley, equal; Wells.

MINING ENGINEERING.

Fourth Year.—*Class I.*—Mawdsley, Bain; Gill and Saunders, equal. *Class II.*—Palmer, Brow, Davis; Rochester and Tansley, equal; Dewar. *Class III.*—Cromwell; Sriver and Weldon, equal; Wells, Livingstone.

Third Year.—*Class I.*—Carlyle, Bissell, Macdonald. *Class II.*—Duff, Hastings, Weldon, Humes; McClelland and Porritt, equal; Nesbitt, Morrison, Pevzner. *Class III.*—Godard, Hamilton, Mackenzie (G. H.), Wait, Ross; Lawrence and Murphy, equal; Kyle, Wightman.

MINING FIELD SCHOOL

Fourth Year.—*Class I.*—Dewar, Weldon; Brow and Palmer and Saunders, equal. *Class II.*—Cromwell and Davis, equal. Bain and Tansley, equal; Livingstone, Rochester. *Class III.*—Wells, Sriver.

MINING MACHINERY (ADVANCED).

Fourth Year.—*Class I.*—Saunders, Bain, Palmer. *Class II.*—Gill, Mawdsley, Cromwell. *Class III.*—Livingstone, Wells.

MINING MACHINERY AND DESIGN.

Fourth Year.—*Class I.*—Palmer, Gill, Saunders. *Class II.*—Bain and Dewar, equal; Mawdsley, Davis, Tansley, Brow, Weldon, Cromwell; Livingstone and Scriver, equal. *Class III.*—Wells, Rochester, Jue.

MUNICIPAL ENGINEERING.

Fourth Year.—*Class I.*—Macphail, Cunningham. *Class II.*—Fortin, Watson. *Class III.*—Gauthier and Hannan, equal; Loy, Drewry, Robertson, Gardner; Brault and Muir, equal; O'Sullivan, Perreault.

ORE DEPOSITS AND ECONOMIC GEOLOGY.

Fourth Year.—*Class I.*—Bain, Brow, Harrison, Palmer, Saunders, Cromwell; Davis and Henderson, equal; Gill and Mawdsley, equal. *Class II.*—Scriver, Tansley, Clark (R. G.), Livingstone, Weldon, Dewar, Nutter. *Class III.*—Fowler, Jordan, Wells, Rochester.

ORE DRESSING.

Third Year.—(*Chemical Engineering Course*).—*Class I.* — Tatley, Grant, Woodward. *Class II.*—Gooch, Brooks, Macnaughton, Bethune, Fraser, Farquharson, Ross (J. H. D.). *Class III.*—Ahern (A. W.), Midgley, Carson, Brown (G. B.), Boronow, Loebel, Munro, Drummond.

ORE DRESSING AND LABORATORY.

Third Year.—*Class I.*—Weldon, Bissell, Carlyle, Duff. *Class II.*—Porritt, Davis, Nesbitt; Gualtieri and Pevzner, equal; Humes, Hastings; Hamilton and Lawrence and Macoun, equal. *Class III.*—Kyle and McClelland, equal; Wilson (J. M.), Godard; Macdonald and Wait, equal; Ross (C. G.), Wightman, Morrison, Scott.

ORE DRESSING LABORATORY (THESIS WORK).

Fourth Year.—*Class I.*—Dewar; Palmer and Saunders, equal; Brow and Weldon, equal. *Class II.* — Davis and Mawdsley, equal; Livingstone; Bain and Gill, equal; Cromwell and Tansley, equal; Rochester. *Class III.*—Wells, Scriver.

ORE DRESSING AND MILLING.

Fourth Year.—*Class I.*—Palmer, Davis, Bain, Dewar, Gill. *Class II.*—Livingstone, Cromwell; Mawdsley and Wells, equal; Brow, Weldon, Rochester, Harrison; Fowler and Jordan, equal; Saunders. *Class III.*—Tansley; Henderson and Scriver, equal; Nutter; Clark and Jue, equal; Clossey.

PETROGRAPHY (ADVANCED)

Fourth Year.—*Class I.*—Gill, Bain, Mawdsley. *Class II.*—Cromwell, Palmer, Saunders. *Class III.*—Livingstone, Wells.

PETROGRAPHY AND LABORATORY.

Fourth Year.—*Class I.*—Bain, Gill, Saunders, Mawdsley, Cromwell. *Class II.*—Davis, Palmer, Weldon, Tansley, Henderson, Brow. *Class III.*—Scriver, Wells, Rochester, Jue, Livingstone.

PHYSICS.

Fourth Year.—*Class I.*—Canning, Gliddon; Anderson and Louttit, equal. *Class II.*—Jackson, Vineberg; Acton and Thompson (G. M.), equal; Fellows, Macdonald (D.). *Class III.*—Salamis, Bishop (T. A. G.), Whelen, Eaton; Hill and Kennedy, equal.

Second Year.—*Class I.*—Buller, Layne, Woollcombe, Culpeper; Kennedy and Moore, equal; Yorston, Wood; Desloover and Turnbull, equal. *Class II.*—Ross; Craik and Toole, equal; Bloomfield, Radley; Cregeen and Steacie, equal; LeBaron; Faith and Sherwood, equal; Abbott-Smith and Munro (D. J.) and Rorke and Webster, equal; Budden and Davies (C. B.) and Eadie and McNaughton and Mills and Stephen, equal; Grant and Gunton and Tallon, equal; Allan and Armstrong and Gaudet and Laidley and Legg and Patton and Read (D. E.), equal. *Class III.*—Smith (R. M.), Moran; Connell and Gordon and Hague and Pelletier, equal; Malone and Oliver (J. H.) and Shier, equal; Bieler and Binns and Chisholm and Horsey, equal; Desbarats and McLagan and Peters, equal; Bishop (E. G.) and Cuttle and Elkington and Mitchell and Smith (A.E.), equal; Graham and Harbert and Oliver (C. J.), equal; MacLaren (A. R.) and Timmis, equal; Brough and Griffith and Jackson and Powell (A. T.) and Simpson (R. L.), equal; Dickinson and Owens and Johnson and Patterson, equal; Ambridge and Jones and Lea and Stone and Taylor and Velasco, equal; Bradshaw (F. W.) and Bradshaw (G. R.) and Buffam and Crain and Reid (H. E.) and Smith (A. W. S.) and Stirling, equal; Antliff and Brisbane and Champion and Clark and Cross and Denis and Finlayson and Holden and Kezar and Kingsmill and McCracken, equal; Blackall and Bleau and Cleveland and Cooper (P. E.) and Cox and Dalrymple and Downs and Dupuis and Foss (D. B.) and Foss (L. J.) and Gegg and Holcomb and Katz and Lawrence and Lemieux and McCaw and McKindsey and Matheson and Rochester and Taschereau and Terrance and White and Whittemore and Winter, equal.

First Year.—*Class I.*—Mercier; Howes and Snyder, equal; Phipps. *Class II.*—Shaw (G. E.) and Shlakman, equal; McCall, Rudenko, Lancot; Finlayson (S. M.) and Matheson (G. L.), equal; Atkinson; Benjamin and Ferguson, equal; Buzzell and Rochester and Stewart (D. L.), equal; Delcellier, Holland; Dick and James and Malone and Pringle, equal; Cochran and Farmer and Kent and Mitchell, equal. *Class III.*—Freedman and Manson, equal; Becking and Kirschberg, equal; Braithwaite (E. E.), Wilson (G.), Fairbairn; Finlayson (A. W.) and Weisburg, equal; Buchanan and Darling and Goldstein and Gravel, equal; Burroughs and Lane and Moore and Wilson (H.), equal; Davidson and MacGilles and Muir and Paterson and Simmonds, equal; Stockwell and Trenholme, equal; Addie and Barnes and Campbell and Harris and Hayes and McNab (A. H.) and Miller (A. P.), equal; Brown and Goodall and Ogilvy, equal; Heyman and Higerty and Olive and Schlee and Wardrope and Warren (F. B.) and Warren (W. A.) and Winter, equal; Archer and Bray and Donohue and Findlay and Logan and Luxton and McLaren and McMaster and Pollock and Rumpel and Seale and Woolsey, equal.

POWER PLANT DESIGN.

Fourth Year.—*Class I.*—Congleton, Macfarlane. *Class II.*—Winslow, Maxwell; Durant and O'Halloran and Wilson (J. K.), equal; Smith (D. W.), Langstroth, Ward, Mooney. *Class III.*—Hall, Jenckes, Wilkins.

RAILWAY ENGINEERING. (NO. 92)

Third Year.—*Class I.*—McTaggart, Lorin, Spratt, Cartwright, Woodward. *Class II.*—Wain, Messenger, Murphy (A. G. S.), Bates, Wilder; Reid (E. A.) and Rutherford, equal; Eager and Reiffenstein, equal; Cousineau. *Class III.*—Thompson, Fisk; Martin and Reed (G.), equal; MacKeen and Salter, equal; Mackenzie (W. B.).

RAILWAY ENGINEERING. (NO. 93)

Third Year.—*Class I.*—Wain, Wilder, Woodward; McTaggart and Messenger, equal. *Class II.*—Quinlan and Thompson, equal; Eager and Lorin, equal; Cartwright and Cousineau, equal; Fisk and Mackeen, equal; Reiffenstein, Murphy (A. G. S.), Spratt, Martin, Reid (E. A.). *Class III.*—Bates and Salter, equal; Root, Reed (G.), Mackenzie (W. B.), Bradfield, Rutherford, Delaney.

Second Year.—Class I.—McNaughton; Buller and Layne, equal; Moore, Cregeen, Harbert, Craik, Bloomfield; Brumell and Cooper (P. E.) and Whittemore, equal; Ambridge and Culpeper and Gordon, equal; Antliff and Clark and Cross and Elkington and Kennedy and Radley, equal; Bieler and Carpenter and Connel and Gilbert and Mallison, equal. *Class II.*—McCaw and Mills and Oliver (J. H.), equal; Faith; Lea and Malone and Willis, equal; Horsey and MacLaren (A. B.) and McKindsey and O’Heir, equal; Caldwell and Read (D. E.) and Rorke, equal; Jones and Legg and Oliver (C. J.), equal; Bishop (J. G.) and Blackall and Taschereau, equal; Binns and Gamble and Hague and Laidley and McLagan and Powell (A. T.) and Raginsky, equal; Holden and Johnson and Kezar and Smith (R. M.) and Stephen and Wood, equal; Abbott-Smith and Downs and Fagan and Finley and McLaren (A. R.), equal; Cleveland and Desloover and Dickinson, equal; Cuttle and Foss (D. B.) and Grant and Peters, equal; Bradshaw (F. W.) and Dormer and Matheson and Munro (D. J.), equal; Buffam and Foster and Jackson and Taylor, equal. *Class III.*—Bleau and Cox and Hamilton and Patton and Rhind and Roquet and Toole, equal; Chisholm and Graham and Sherwood and Turnbull and Bishop (E. G.) and Webster, equal; Davidson and Leitch and Reid (H. E.) and Steacie, equal; Gegg and Timmis, equal; Allan and Champion and Finlayson and Velasco and Woollcombe, equal; Brisbane and Rochester, equal; Lawrence and Livingstone, equal; Patterson; Budden and Mitchell and Pelletier and Smith (A. E.) and Smith (A. W. S.) and Spriggs, equal; Dalrymple and Evans and Katz, equal; Desbarats and Shier, equal; Baillie and Brough and Dupuis and Kingsmill and McMeans and Plow and Simpson (R. L.) and Yorston, equal; DeSalaberry and Scott (J. M.) and Tallon and Terrance, equal; Davis (W. W.) and Owens and Reaper, equal; Bradshaw (G. R.) and Davies (C. B.) and Eadie and Foss (L. J.) and Gaudet and Jerrom and LeBaron and Lemieux and MacNutt and Morin and Mulligan and Scott (L. J.) and Snyder and Stone and Streadwick and Winter, equal.

First Year.—Class I.—Fairbairn, Howes; Shlakman and Snyder, equal; Buzzell, Phipps, Stewart (H. M.); Freedman and Ogilvy, equal; Butler (B. M.); Archer and Cochran and Dick, equal; Darling; Hayes and Lanctot and Stewart (D. L.), equal; Atkinson and Weisburgh, equal; Bryant and Farmer and Findlay and McGregor, equal. *Class II.*—Burroughs and Gravel and Finlayson (A. W.) and Manson, equal; Barnes and Campbell and Delcellier and Farrell and Ferguson and McCall, equal; Higgerty and

Matheson (A. L.), equal; Cooper and Kirschberg and Ree and Starke, equal; Addie and Couture and Dion and Heyman and MacGillis and Shaw (G. E.), equal; Buraschi and Goldstein and Harris and Holland and Malone and Kent, equal; Bray and Schlee and Trenholme and Warren (W. A.), equal; Braithwaite (E. E.) and Buchanan and Goodall and Miller (A. P.), equal; James and Rudenko, equal; Brown and Butler (E. W.) and Finlayson (S. M.) and Gray and Muir and Shatford, equal; Wilson (G.); Benjamin and Stockwell, equal; Ashby and Becking and Racey and Simmonds, equal; Bailey (L. W.) and Malkevitch and McNab (A. H.) and Mercier, equal; Draper and Rumpel and Whitehead, equal; Lawrence and LeMay and Macnab (A. G.) and Paterson and Ridout, equal; Timmins; Anderson and Donnelly, equal; Douglas and Miller (A. J.) and Naismith, equal; Gillett and Logan and Wilson (H.) and Woolsey, equal; Desloover and Lane and McLaren and Munro and Olive and Pringle, equal; Robinson and Seale and Wardrope and Warren (F. B.) and White (W. J.), equal; Brathwaite (J. Y. W.) and Merritt, equal; Allcorn and Cornell and Cram and Dwyer and Luxton and Rochester, equal; Bouchard and Giles and Moore and Morrin, equal; Boyd and Brophey and Foy and Mitchell, equal; Murray and Nixon and Whittall and Winter, equal.

SHOP PROCESSES AND MANAGEMENT.

Third Year.—*Class I.*—Bastable and Holt, equal; Biggar, Coughlan, McLennan, Holmes, Morrisette. *Class II.*—Ford; Crawford and Hulburd and MacGregor, equal; Wilson (H. A.), Robertson; Black and Kirsh, equal; Notman; Macrae and Potter, equal; Jandrew; Clark (G. S.) and MacNider, equal. *Class III.*—Evans; Elliot and Ramsey, equal; Foss, Fry, Johnson; Tucker and Wilson (S. H.), equal.

SHOPWORK.

Fourth Year.—*Class I.*—None. *Class II.*—O'Halloran; Durant and Mooney, equal; Maxwell, Winslow, Hall, Smith (D. W.), Macfarlane, Congleton; McCurdy and Wilkins, equal; Ward and Wilson (J. K.), equal. *Class III.*—Jenckes and Langstroth, equal.

Third Year.—*Class I.*—Holmes. *Class II.*—McLennan and Morrisette and Wilson (S. H.), equal; Crawford and Fry and Johnson and Reeve and Tucker, equal; MacNider and Robertson, equal; Renouf, Black; Bastable and Biggar and Clark (G. S.), equal; Holt, Potter. *Class III.*—Ford; Foss and Jandrew, equal; MacGregor and Macrae, equal; Kirsch, Hulburd, Coughlan. Unranked — Elliot.

First Year.—*Class I.*—Buzzell; Benjamin and Taylor, equal. *Class II.*—McCall and Phipps, equal; Atkinson and Bryant and Howes and James and McNab (A. H.) and Mitchell and Ree and Snyder, equal; Barnes and Shlakman and Trenholme, equal; Farrell and Miller (A. P.) and Ogilvy and Stewart (D. L.) and Stewart (H. M.), equal; Becking and Butler (B. M.) and Dick and Ferguson and Giles and Goodall and Malone and Manson and Pollock, equal; Anderson and Andrews and Bailey (L. W.) and Braithwaite (E. E.) and Freedman and Mercier, equal; Ashby and Butler (E. W. R.) and Dion and Draper and Foy and Hayes and Lanctot and Lane and Logan and Racey and Starke and White (W. J.) and Winter, equal; Buchanan and Buraschi and Burroughs and Cooper and Finlayson (A. W.) and Meikle and Rochester and Roy and Schlee and Shaw, equal; Addie and Bailey (W. E.) and Bouchard and Boyd and Cornell and Findlay and Gravel and Warren (W. A.), equal; Couture and Gillett and Heyman and Kent and McMaster and Munro and Paterson and Shatford and Smith, equal; Fairbairn and Forbes and MacGillis and Macnab (A. G.) and Millar (A. J.) and Morrin and Muir and Pringle and Ridout and Vernot and Whitehead, equal; Cram and Holland and Matheson (G. L.) and Stockwell and Wilson (H.), equal; Archer and Darling and Donohue and Douglas and Gray and Higgerty and Luxton and Naismith and Rumpel and Seale, equal. *Class III.*—Simmonds; Brathwaite (J. Y. W.) and Goldstein, equal; Brown and Campbell and Donnelly and Farmer and Moore and Nixon and Poulin and Weisburgh, equal; Hofmann (W. H.) and Kirshberg and Lawrence and Matheson (G. W.) and Wardrope, equal; Allcorn and Bray and McCarthy and Nutting and Rudenko and Thompson and Warren (E. B.) and Wilson (G.), equal; Olive; Dwyer and Williamson, equal; Timmins; McLaren and Torrance, equal; Davidson, Whittall, Johnson. Unranked:—Cochran, Delcellier, Finlayson (S. M.), Harris, Woolsey.

STRENGTH OF MATERIALS.

Fourth Year.—*Class I.*—Cunningham. *Class II.*—Fortin and Macphail, equal; Hannan, Brault, Gardner, Muir. *Class III.*—Farmer and Perrault, equal; O'Sullivan; Gauthier and Hart, equal; Watson; Drewry and Loy and Robertson, equal.

Third Year.—*Class I.*—McTaggart, Russel, Bush, Bates, Mott, Lorin, Biggar. *Class II.*—Murphy (A. G. S.), Morrissette, Weldon, Brown (E. V.), Bonneville, Brooks, Woolward; Cousineau and Harris and Holt, equal; Bastable, Wain; Carson and Cartwright, equal; Clarke (E. L.) and Eager and Kyle and Messenger

and Notman, equal; Mackenzie (G. H.) and Paddon and Porritt, equal. *Class III.*—Fraser and Wright, equal; Duff and Gordon, equal; Gurman and Parker and Taber, equal; Evans and Gooch and Martin and Patterson and Taylor (E. P.), equal; Fisk and Holmes, equal; Bradfield and Carlyle and Wonham, equal; Humes and Kerr and Mitchell (R. J.), equal; Potter and Tatley, equal; Armstrong and Rutherford, equal; Ford and Foss and Ross (J. H. D.) and Spratt, equal; Jandrew; Ahern (A. W.) and Banfill and Crawford and MacGregor and MacNider and Robertson and Tucker and Wilder, equal; Clark (G. S.) and Grant and Ramsey and Woodward, equal; Abbott-Smith and Bissell and Desbarats and Hastings and Johnson and Loebel and MacKeen and Wilson (J. M.), equal.

STRUCTURAL DESIGN.

Third Year.—*Class I.*—McTaggart, Harris, Notman, Messenger, Weldon; Biggar and Lorin and Martin and Morrissette, equal; Humes; Carson and Murphy (A. G. S.), equal; Carlyle and Ford and Hastings, equal. *Class II.*—Duff and Reid (E. A.), equal; Wilder; Cartwright and Spratt, equal; Bissell and MacGregor, equal; Fisk; Brooks and Eager, equal; Porritt and Tatley and Wilson (S. H.), equal; Evans and Pevzner and Wright, equal; Reiffenstein and Shotwell and Wain and Wilson (H. A.), equal; Cousineau; Crawford and Jandrew, equal; Clark (G. S.) and Farquharson and Kyle and MacNider and Nesbitt, equal; McLennan and Reed (G.), equal; Holt and Macrae, equal. *Class III.*—Boronow; Bastable and Black and Loebel, equal; Holmes and Macdonald and Mackenzie (D. G.) and Robertson, equal; Foss; Crane and Grant and Thompson, equal; Bates and Bradfield and Clarke (I. W.) and Mackenzie (W. B.) and Wightman, equal; Ahern (A. W.) and Gooch and Wilson (J. M.), equal; Hulburd and Johnson, equal; Fraser and Patterson, equal; Mackenzie (G. H.) and Rutherford, equal; McClelland and Taylor (E. P.), equal; Delaney and Salter, equal; Abbott-Smith and Coughlan and Ross (J. H. D.), equal.

SUMMER ESSAYS.

Fourth Year (Chemistry and Chemical Engineering Courses).—*Class I.*—Croft; Copping and Mitchell (F. L.) and Timmerman and Warriner, equal; Challenger and Giles and Lordly and Smith (R. H.), equal; Calkin and Green and Jelly and Kay and Purcell, equal. *Class II.*—Goodwin, Lantz; Cambron and Irving and Stroud and Thompson (W. W.) and Yates, equal; Cockfield and

Hyndman and Johnston and McIntyre, equal; Cohen and Cuddy, equal. *Class III.*—Forbes.

Fourth Year (Civil Engineering Course).—*Class I.*—Robertson (A.M.), Cunningham. *Class II.*—Fortin, O'Sullivan; Hannan and MacPhail and Perrault, equal; Gardner. *Class III.*—Brault and Drewry and Farmer and Ferguson and Foy and Muir, equal; Gauthier and Hart and Watson, equal.

Fourth Year (Electrical Engineering Course).—*Class I.*—Phelan; Eaton and Whelen, equal; Anderson (A. G.) and Fellows and Jackson and Louttit and Vineberg, equal. *Class II.*—Bishop (T. A. G.) and Gliddon and Thompson (G. M.), equal; Macdonald (D.) and Salamis and Sloves, equal; Vaughan. *Class III.*—Canning, Acton.

Fourth Year (Mechanical Engineering Course).—*Class I.*—Congleton; Macfarlane and O'Halloran and Ward, equal. *Class II.*—Durant, Jenckes, Langstroth; Hall and McCurdy and Mooney and Wilkins, equal; Smith, Farnsworth, Maxwell, Perriton, Wilson (J. K.). *Class III.*—None.

Fourth Year (Metallurgical Engineering Course).—*Class I.*—Fowler, Henderson; Clark (R. G.) and Harrison and Nutter, equal. *Class II.*—Jordan. *Class III.*—Clossey.

Fourth Year (Mining Engineering Course).—*Class I.*—Dewar, Rochester, Mawdsley; Bain and Palmer, equal. *Class II.*—Gill and Weldon, equal; Cromwell and Davis and Tansley and Wells, equal; Saunders. *Class III.*—Brow, Sriver, Livingstone.

Third Year (Chemistry and Chemical Engineering Courses).—*Class I.*—Ross (J. H. D.); Woodward. *Class II.*—Tatley; Boronow and Carson and Patterson (K. B.), equal; Ahern (A. W.) and Clark (I. W.) and Cohen and Fraser and Gurman and MacNaughton, equal. *Class III.*—Brown (G. B.) and Drummond, equal; Gooch, Brooks.

Third Year (Civil Engineering Course).—*Class I.*—Reid (E. A.), Woolward, Bradfield, McTaggart. *Class II.*—Wain, Wilder, Lorin, Messenger; Martin and Rutherford, equal. *Class III.*—Cartwright, Delaney, Cromwell.

Third Year (Electrical Engineering Course).—*Class I.*—Banfill, Taber, Armstrong. *Class II.*—Handy; Desbarats and Gordon, equal; Bonneville and Mitchell (R. J.) and Parker, equal. *Class III.*—Ahern (P. C.) and Kerr and McDougall, equal; Benett and Simons, equal; Brown (E. V.).

Third Year (Mechanical Engineering Course.)—*Class I.*—Biggar and Crawford, equal. *Class II.*—Fry, Foss (R. H.), Clark (G. S.), Notman, Evans; Mackenzie (W. B.) and McLennan (G. R.), equal; Jandrew and Robertson, equal; Kirsh and Wilson (S. H.), equal. *Class III.*—Pfeiffer; Coughlan and Ramsey, equal.

Third Year (Metallurgical Engineering Course).—Class I.—Hamilton; Duff and Mackenzie (G. H.), equal. *Class II.*—Murphy (E.J.) and Scott, equal. *Class III.*—None.

Third Year (Mining Engineering Course).—Class I.—Dewar, Carlyle. *Class II.*—Hastings, Weldon, Porritt. *Class III.*—Macdonald (S. L.), Nesbitt.

SUMMER READING.

Third Year.—Class I.—Bates and Wright, equal; Spratt, Bush, Anderson, Farquharson. *Class II.*—Holmes and Munro (W. C.) and Potter and Wilson (J. M.), equal; Mott and Salter and Wightman, equal; MacKeen, Reed (G.), Davis; Bastable and Mitchell (J. M.), equal; Taylor (J. E.); Macnider and Pevzner and Tucker, equal; Chorney and Clarke and Grant and Humes, equal; McClelland; Crane and Jenks and Loebel, equal; Midgley. *Class III.*—Kyle, MacGregor; Bissell and Root and Stockwell, equal; Reiffenstein, Wait, Wonham; Eager and Ford, equal; Gnaedinger (P. E.) and Muir, equal; Quinlan; Black and Holcomb, equal; Morrissette, Gibbs, Ross (C. G.); Binmore and Cousineau and Morrison, equal.

Second Year.—Class I.—Layne and Toole, equal; Buller; Craik and Cregeen, equal; Finlayson; Bradshaw (F. W.) and Griffith and Katz, equal; Culpeper and Moore (R. A.) and Mulligan, equal. *Class II.*—Steacie and Timmis, equal; Chisholm and McLagan and Oliver (C. J.), equal; Ambridge and Cox and Harbert and Laidley, equal; Gordon; Jackson and Stephen, equal; Bloomfield and Champion and Livingstone and Shier, equal; Binns and Bishop (E. G.) and Gegg and Jerrom and Kingan and Read (D. E.), equal; Clark (E. L.) and Dalrymple and McEwen and Mills and Sherwood and Yorston, equal; Denis and Fagan and Matheson (A. M.), equal; Bradshaw (G. R.) and Cross and Davis and Dickinson and Gilbert and LeBaron and Munro (D. J.) and Oliver (J. H.) and Pelletier and Smallhorn and Wood, equal. *Class III.*—Brisbane and Dormer and Evans and Maclaren (A. B.), equal; Antliff and Currier and McMeans and Munn and Powell (A. T.) and Rorke, equal; Bleau and Buffam and Cuttle and Graham and Grant and MacLaren (A. R.) and Wylde, equal; Foss (D. B.) and Horsey and Parsons and Taylor and Whittemore, equal; Bishop (J. G.) and Brumell and Scott (J. M.), equal; Connell and McKindsey and Patton and Reaper and Simpson (J. C.), equal; Desbarats and Downs and Eadie and Hamilton and Johnson and Legg and Owens and Terrance, equal; Caldwell and Gamble and Lea and Simpson (R. L.) and Velasco and White (G. L. W.), equal;

Foss (L. J.) and Foster and Mallison and Powell (F. E.) and Reid (H. E.) and Streadwick, equal; Allan and Blackall and Davidson and Moran and Peters and Raskin and Winter, equal; Dupuis and Elkington and Kennedy and McCaw and McCracken and Macnutt and Renouf and Snyder and Stethem and Stirling, equal.

SUMMER SCHOOLS.

Third Year (Fire Assaying and Metallography).—Class I.—Taylor. Class II.—Binmore. Class III.—None.

Third Year (Inorganic Qualitative Analysis).—Class I.—None. Class II.—Tatley, Clarke, Farquharson, Brooks; Crane and Duff, equal. Class III.—Gurman, Grant; Pevzner and Ross (J. H. D.), equal; Gooch; Boronow and Humes and Loebel, equal; Carson and Mitchell (J. M.) and Munro and Scott, equal; Ahern and Macnaughton, equal; Hamilton and MacKenzie (G. H.), equal; Brown (G. B.) and Stockwell and Woodward, equal.

Third Year (Inorganic Qualitative Analysis Laboratory).—Class I.—Clarke, Crane, Humes; Farquharson and Macnaughton, equal; Gurman and Loebel and Woodward, equal; Ahern and Gnaedinger (P. E.), equal. Class II.—Brooks and Grant and Kyle, equal; Fraser and Wright, equal; Ross (D. R.) and Ross (J. H. D.) and Stockwell, equal; Boronow and Drummond and Gooch and Mitchell and Tatley, equal; Abbott-Smith and Buchanan and Chorney and Hamilton, equal; Carson and Duff, equal; Brown and Clossey and MacGlashan, and Morrison, equal. Class III.—Scott, Pevzner; Godard and Wait, equal; McCallum and Munro, equal; Macoun and Murphy (E. J.), equal; MacKenzie (G. H.) and Midgley, equal.

Third Year (Metallurgical Works).—Class I.—Fowler, Harrison. Class II.—Jordan and Henderson, equal. Class III.—Clarke (R. G.) and Clossey and Nutter, equal.

Third Year (Shopwork).—Class I.—McLennan, Clark, MacNider, Ford, Gould. Class II.—Biggar and Holmes, equal; Fry and Evans, equal; Macrae, Holt; Johnson and Foss, equal; Crawford and Coughlan and Jandrew, equal; Bastable and Notman, equal; Jenks and Wilson (H. A.), equal. Class III.—MacGregor, Turley, Kirsh. Unranked:—Pfeiffer.

SURVEYING

Third Year (Civil Engineering Course).—Class I.—McTaggart, Cartwright. Class II.—Cousineau, Eager, Reiffenstein, Woolward. Class III.—Rutherford; Murphy (A. G. S.) and Thompson, equal; Spratt, Martin; Bates and Lorin and Messenger and

Wain, equal; Wilder; Bradfield and Fisk and MacKeen and Mackenzie (W. B.) and Reid (E. A.) and Salter, equal.

Third Year (Mining Engineering Course).—Class I.—Carlyle, Bissell. *Class II.*—Weldon, Hastings, Nesbitt. *Class III.*—Wilson (J.M.), Lawrence, Porritt, Davis, Wightman.

Second Year.—Class I.—Layne and Moore, equal; Kennedy and Radley, equal; Buller and Laidley, equal; Wood; Culpeper and Timmis and Yorston, equal; Harbert and Read (D. E.) and Steacie, equal; Smith (R. M.); Gilbert and Webster, equal; Cregeen and Ross, equal; Binns and Denis (B. T.) and Gegg, equal; Stephen; Bloomfield and Brough and Matheson and Oliver (J. H.), equal; Connell and Munro (D. J.) and Rorke and Sherwood, equal; Powell (A. T.) and Toole, equal. *Class II.* — Eadie, Simpson (R. L.); Armstrong and Grant and Kezar and McKindsey, equal; Blackall and Cooper (P. E.) and Finlayson and Gordon and Taylor and Willis, equal; Budden; Ambridge and Crain and Deslover and MacLaren (A. R.) and Smith (A. E.), equal; Downs and Jackson and McNaughton and Mitchell and Peters, equal; Antliff and Desbarats and Johnson and Patton and Scott (J. McD.), equal; Owens and Turnbull, equal; Finley and Foss (D. B.) and Foster and Raskin and Taschereau, equal; Cox and Dupuis and Goldberg and Woollcombe, equal; Bradshaw (G. R.) and Chisholm and Dickinson and Holden and Legg, equal; Allan and Bieler and Bishop (E. G.) and Brodeur (J. C.) and Dalrymple and McCaw and Powell (F. E.), equal; Cuttle and Davies (C. B.) and Hague and Lea and Moran (T. M.) and Simpson (J. C.) and Stone and Tallon, equal. *Class III.*—Craik and Lawrence and Livingstone and Reid (H.E.) and White and Winter, equal; Fagan and Malone and Smallhorn, equal; Champion and Cleveland and Currier and Davidson and DeSalaberry and Graham and Griffith and Munro (G. H.), equal; Cross and Pelletier and Roquet, equal; Abbott-Smith and Amos and Foss (L. J.) and McLagan and Plow, equal; Gaudet and Morin (C. A.) and Rochester and Shier and Whittemore, equal; Cooper (H. C. D.) and Gamble and Jones and Katz and Smith (A. W. S.) and Terrance, equal; Brisbane and Dormer and O'Heir, equal; Buffam and Clark and Snyder and Streadwick and Wilson, equal; Carpenter and Elkington and Jenks and LeBaron and Maclaren (A. B.) and Mallison and McCracken and Stethem, equal; Bleau and Faith and Horsey and McNutt and Raginsky and Velasco, equal; Bishop (J. G.) and Evans and Kingan and Parsons and Wylde, equal; Fleming and Jerrom and Patterson and Renouf, equal; Brumell and Caldwell and Reaper, equal; Baillie and Hamilton and Kingsmill and Mulligan and Rhind and Scott (L. J.) and Stirling and Strong, equal.

Third Year.—Class I.—Wain and Weldon, equal; McTaggart and Nesbitt, equal; Bates and Bissell and Carlyle and MacKeen, equal; *Class II.*—Murphy (A. G.) and Reiffenstein and Thompson, equal; Wilder; Bradfield and Wilson (J. M.), equal; Messenger, Woolward; Davis (S. H.) and Root, equal; Fisk and Gnaedinger (A. L.) and Martin and Palmer and Quinlan and Wightman, equal; Gooch and Hurtubise and Lawrence and Salter and Spratt, equal; Cartwright and Wells, equal; Turton and Wheeler, equal; Hastings. *Class III.*—Eager; Cousineau and Jue and Reid and Tucker, equal; Hamel and Lorin, equal; Dineen, Cromwell, Gualtieri. Unranked:—MacDonald, Porritt, Ross, Rutherford.

Second Year.—Class I.—Chisholm, Craik; Ambridge and Eadie and Faith and Moore and Shier and Toole, equal; Laidley and McMeans and Mills and Steacie and Stephen, equal. *Class II.*—Binns and Munro (D. J. B.) and Streadwick and Timmis, equal; Hamilton and James and Kingan and Lawrence and LeBaron and McLeod, equal; Armstrong and Cregeen and Morin (C. A.) and Munro (G. H.) and Powell (A. T.) and Read and Rochester and Whittemore, equal; Terrance; Connell and Desbarats (G. H.) and Turnbull (A. R.), equal; Cope and Cross and Jerrom and McLagan and Radley and Rorke, equal; Berry and Bradshaw (F. W.) and Brisbane and Reid and Rhind, equal; Adams and Champion and Cuttle and Dalrymple and Foss (D. B.) and Herman and McNaughton and Taylor (M. B.), equal; Baillie and Harbert and Kennedy and Lewis and McKindsey and Oliver (C. J.) and Paterson and Ross (A. E.), equal; Bieler and Harling and MacNutt and Parsons and Sherwood and Wilson (P. R.) and Winter, equal; Buller and Evans and Holden and Peters and Plow and Smith (A. E.) and Stethem, equal; Abbott-Smith and Elkington and Finlayson and Graham and Legg and Oliver (J. H.) and Patterson (T. B.) and Raginsky and Scott (J. M.), equal; Cooper and Davidson (S. C. K.) and Dickinson and Downs and Foss (L. J.) and Horsey and McInnes and Olive and Reaper and Stone and Taylor (C. W.) and Torrance and Wood, equal; Ball and Dormer and Katz, equal; McDermott and McDonald and Owens and Russell and Tallon, equal. *Class III.*—Bouillon and Caldwell and Clerk and Johnson and Martin and Robinson and Roquet and Willis and Zybach, equal; Brumell and Desbarats (H. J.) and Gilbert and Livingstone and Matheson and Moran and Nutting and O'Heir and Pelletier and Ross (M. V.) and Wilson (H.), equal; Allan (J. M.) and Anderson and Denis and Fagan and Macaulay and

Murray and Yorston, equal; Braithwaite and Carpenter and Cox and Currier and Leitch and McCaw and McEwen and Renouf and Scott (L. J.), equal; Antliff and Blackall and Brodeur (J. C.) and Brough and Cleveland and Davidson (W. M.) and Davies and Gaudet and Goldberg and Patterson (A. L.) and Snyder and Smith (R. M.), equal; Bishop (E. G.) and Campbell (D. H.) and White (C. P.), equal; Bishop (J. G.) and Bloomfield and Bradshaw (G. R.) and Powell (F. E.) and Velasco, equal; Allan (D.H.) and Buffam and Gamble and Gauthier and Gegg and McCracken and Sherrard, equal; Brodeur (J. P.) and Desloover and Lea and Parrott and Patton and Taschereau, equal; Griffith and Murphy (M.P.) and Roughsedge, equal; Goldstein; Poulin and Timmins, equal; Mallison and Smallhorn and Stirling, equal. Unranked:—Crain, Davis, Echlin, Elvidge, Finley, Fleming, Foster, Gordon, Grant, Jackson, Maclaren (A. B.), MacLaren (A. R.), MacLaren (J. N.), Mulligan, Simpson (R. L.), Webster, White (G. L. W.).

THEORY OF STRUCTURES.

Fourth Year.—*Class I.*—Cunningham, Muir. *Class II.*—Fortin and O'Sullivan, equal; Brault and Gardner, equal; Gauthier, McPhail, Hannan. *Class III.*—Watson, Perrault, Loy, Robertson, Farmer, Drewry, Hart.

THERMODYNAMICS.

Fourth Year.—*Class I.*—Congleton and Winslow, equal; O'Halloran. *Class II.*—Langstroth, Macfarlane. *Class III.*—Wilson (J. K.), Hall; Jenckes and Mooney, equal.

Third Year.—*Class I.*—Biggar; Mott and Russel, equal; Bush and Wonham, equal; Paddon, Taber, Desbarats, Clarke (E. L.). *Class II.*—Wilson (H. A.); Bonneville and Evans, equal; Banfill and MacGregor and McDougall, equal; Mitchell (R. J.); Bastable and Morrisette, equal. *Class III.*—Clark (G. S.); Brown (E. V.) and Elliot and Fry and Gordon, equal; MacNider, Notman, Taylor (E. P.); Ramsey and Robertson, equal; Benett and Macrae, equal; Wilson (S. H.); Armstrong and Crawford, equal; Ahern and Anderson and Coughlan and Ford and Jandrew and Kerr, equal.

WORKS ORGANIZATION AND ACCOUNTING.

Fourth Year.—*Class I.*—Macfarlane, Congleton, Langstroth. *Class II.*—Winslow, O'Halloran, Wilson (J. K.), Jenckes, Smith (D. W.), Maxwell. *Class III.*—Mooney and Wilkins, equal; Durant, Hall.

