

# McGill University

SESSIONAL EXAMINATIONS. 1927-1928

## REPORT OF THE Faculty of Applied Science

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

(Names in alphabetical order.)

- Benjamin, Archie—British Association Medal (Electrical Engineering); Montreal Light, Heat & Power Cons. First Prize; Undergraduates' Society's First Prize for Summer Essay; Honours in Electrical Engineering.
- Bray, Alton Charles—Sir William Dawson Research Fellowship in Mining Engineering; Undergraduates' Society's Second Prize for Summer Essay; Honours in Geology.
- Brock, Hugh Maurice Henry—John Bonsall Porter Prize for Summer Essay.
- Feiner, Jacob Hiam—British Association Medal (Chemical Engineering); Honours in Chemical Engineering.
- Goddard, Harold Oliver—Crosby Steam Gauge & Valve Company's Prize for Summer Essay.
- Hargrave, James Howard Dundas—Jenkins Bros. Limited Scholarship; Milton Hersey Prize for Summer Essay; Honours in Metallurgical Engineering.
- Laporte, Leo Conrad—Honours in Chemical Engineering.
- Maxwell, Herries Stirling—The Lieutenant-Governor's Bronze Medal for Professional Practice (Department of Architecture).
- Nightingale, Matt. Simons—Montreal Light, Heat & Power Cons. Second Prize; Honours in Electrical Engineering.
- Rolph, Frank Bernard—Departmental Prize for Summer Essay (Civil Engineering).
- Theobalds, Thomas Reynold—Undergraduates' Society's Third Prize for Summer Essay.
- Valentine, Hugh Allen Ingles—The Lieutenant-Governor's Silver Medal (Department of Architecture); Louis Robertson Prize in Architectural Design.

## PASSED FOR DEGREE OF BACHELOR OF ARCHITECTURE.

(In order of merit.)

Valentine, Hugh Allen Ingles, Montreal, P.Q.

Betts, Randolph Cotgrave, Montreal, P.Q.

Maxwell, Herries Stirling, Montreal, P.Q.

*(Unranked.)*

(In alphabetical order.)

Archibald, Ian Thurston, Westmount, P.Q.

Glassco, Ivan Russell, Hamilton, Ont.

## PASSED FOR DEGREE OF BACHELOR OF SCIENCE.

IN CHEMICAL ENGINEERING.

(In order of merit.)

Feiner, Jacob Hiam, Montreal, P.Q.

Laporte, Leo Conrad, Montreal, P.Q.

MacCarthy, Henry Blair, Ottawa, Ont.

Ketchen, William Arthur, Port Alice, B.C.

Taylor, Frank Denzil, Barbadoes, B.W.I.

*(Unranked.)*

Strachan, Lionel Alphonse W. P., Montreal, P.Q.

IN CIVIL ENGINEERING.

(In order of merit.)

Dalton, Peter Dudley, Montreal, P.Q.

Theobalds, Thomas Reynold, St. Lucia, B.W.I. }equal.

Spratt, George Howard, Billings Bridge, Ont.

Coleman, Sheldon Williams, Montpelier, Vt., U.S.A.

## IN ELECTRICAL ENGINEERING.

(In order of merit.)

Benjamin, Archie, Montreal, P.Q.  
 Nightingale, Matt. Simons, Montreal West, P.Q.  
 Rhodes, Donald, Montreal, P.Q.  
 Groleau, Arnold John, Westmount, P.Q.  
 Cole, James Maitland, Westmount, P.Q.  
 Richardson, John Maxwell, St. Thomas, Ont.  
 Dawe, Howard Thomas, Verdun, P.Q.  
 Boyd, David, Lachine, P.Q.  
 Palmer, William Henry, Heart's Content, Nfld.  
 Gagnon, Elmore Gerard, Montreal, P.Q.  
 Abbott, Harold Felch, Prince George, B.C.  
 Fong, William Hin, Canton, China.  
 Perley, Ernest Clint, Wolseley, Sask.  
 Fulton, Fraser Fowler, Fredericton, N.B.  
 Godwin, Harold Brandon, Ste. Anne de Bellevue, P.Q.  
 Smith, Arnold Wilshire, Hillcrest, Alta.  
 Curtis, Arthur Elbert, Stanstead, P.Q.  
 Durley, Thomas Richard, Westmount, P.Q.  
 Lyons, Walter, New York, U.S.A.

*(Aegrotat.)*

Buchanan, Edward Trevor, Montreal, P.Q.

*(Unranked.)*

(In alphabetical order.)

Budden, Arthur Napier, Montreal, P.Q.  
 Hayes, Ronald Abram Hughson, Bloomfield Station, N.B.  
 Ransom, Howard Charles Linley, Westmount, P.Q.  
 Weames, Albert James, London, Ont.

## IN MECHANICAL ENGINEERING.

(In order of merit.)

Goddard, Harold Oliver, Montreal, P.Q.  
 Copping, Bruce Gray, Peterboro, Ont.  
 Mitchell, John, Winnipeg, Man.  
 Jehu, Walter, Toronto, Ont.  
 Minnes, Robert Cortlandt, Ottawa, Ont.  
 Brain, Cecil, Grand Falls, Nfld.

*(Unranked.)*

Miller, Arthur Pirie, Montreal West, P.Q.

## IN METALLURGICAL ENGINEERING.

Hargrave, James Howard Dundas, Medicine Hat, Alta.

## IN MINING ENGINEERING.

(In order of merit.)

Brock, Hugh Maurice Henry, Montreal, P.Q.  
 Bray, Alton Charles, Montreal, P.Q.  
 Castle, William Frederick, Niagara Falls, Ont.  
 Hay, John Stuart, Lachute, P.Q.  
 Jones, Walter Duffin, Westmount, P.Q.

## THIRD YEAR.

## PRIZES.

(In alphabetical order.)

Evans, John Maurice—British Association Exhibition for Strength of Materials and Mechanics.  
 Fisk, George Manson—Anglin-Norcross Prize for Architectural Engineering.  
 Lunn, Frederick Richard—British Association Prize for Strength of Materials and Mechanics.  
 Montgomery, Hugh Richardson—J. M. McCarthy Fieldwork Prize.

## SESSIONAL PASS LIST.

## IN ARCHITECTURE.

(In order of merit.)

Fisk, George Manson, Montreal, P.Q.  
 Taylor, Frederick Bouchier, Rockcliffe, Ont.  
 Abbott, Clark Warner, Montreal, P.Q.  
 +Ross, Henry Sheldon, Montreal West, P.Q.  
 +Copeman, Colin Hamilton, Westmount, P.Q.  
 +Wolever, John Kendall, Westmount, P.Q.

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+Conditional upon passing supplemental examinations.

## IN CHEMICAL ENGINEERING.

(In order of merit.)

- Aitken, Roger Gordon, Sherbrooke, P.Q.  
 +Reeve, Herbert Arthur, Montreal, P.Q.  
 +Sheps, Philip, Winnipeg, Man.  
 +Rosenbloom, William Jacob, Sherbrooke, P.Q.  
 +Campbell, Herbert Noel, Westmount, P.Q.  
 +Cramp, William Stuart, Ottawa, Ont.

(Also completed year.)

(In alphabetical order.)

- McConvry, Gorman Ronan, London, Ont.  
 Noble, Otto Asker, Moncton, N.B.  
 Pangman, Arthur Henry, Montreal, P.Q.  
 Wright, James Gibson, Westmount, P.Q.

## IN CIVIL ENGINEERING.

(In order of merit.)

- Montgomery, Hugh Richardson, Philipsburg, P.Q.  
 +Jacobsen, Eric Rivers, Mount Vernon, N.Y., U.S.A.  
 Muller, Peter Paul, Westmount, P.Q.  
 +Hare, Charles MacKay, St. John, N.B.  
 +Grant, Alexander James, Jr., St. Catharines, Ont.

*(Unranked.)*

- +Patterson, Alfred Spaulding, Hamilton, Ont.

(Also completed year.)

- Donnelly, James Henry Lyons, Montreal, P.Q.

## IN ELECTRICAL ENGINEERING.

(In order of merit.)

- +Evans, John Maurice, Montreal, P.Q.  
 +Hamilton, Robert William, Montreal West, P.Q.  
 Sozansky, John, Montreal, P.Q.  
 Crawford, James Merrill, Howick, P.Q.  
 Doberer, Cameron, Calgary, Alta.  
 Manson, Charles Alexander, Montreal, P.Q.

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+Conditional upon passing supplemental examinations.

+Gavin, Thomas McNaughton, Montreal, P.Q.

+Holmes, John Rodolph, Montreal, P.Q. *(Should rank above Manson)*

+Archibald, William Field, Gardenvale, P.Q.

+Mahoney, Lewis Daniel, Montreal, P.Q.

Stirling, Hugh John Mayne, Victoria, B.C.

+Chisholm, Kenneth Gordon, Ottawa, Ont.

+Tremain, Kenneth Hadley, Windsor, N.S.

+Adams, Eric George, Granby, P.Q.

+Baldwin, William Alanson, Ottawa, Ont.

+Bell, Graham Airdrie, Ottawa, Ont. } equal.

+Young, Loyola Currie, Sydney, N.S. }

+Angus, Frederic William, Montreal, P.Q.

+Moore, Charles Emslie, Owen Sound, Ont.

*(Unranked.)*

+Alexander, Charles Walter, Campbellton, N.B.

*(Also completed year.)*

*(In alphabetical order.)*

Bedee, Monroe Homer, Montreal, P.Q.

Bellew, Leo Thomas Frederick, Montreal, P.Q.

DelMotte, Isidore Leopold, Stellarton, N.S.

Heney, Frederick Gordon Geoffrey, Westboro, Ont.

Mahoney, Hugh Raymond, Montreal, P.Q.

Sykes, William Edward Charles, Montreal, P.Q.

Wyse, Lyell Smith, Moncton, N.B.

#### IN MECHANICAL ENGINEERING.

*(In order of merit.)*

Lunn, Frederick Richard, Westmount, P.Q.

+Baker, Stephen Malor, Teddington, England. } equal.

+Doull, Robert Morse, Halifax, N.S. }

+Doherty, Thomas Hugh, Montreal, P.Q.

+Brownell, Harold Ross, Winnipeg, Man.

+Taggart, Eugene McKay, Ottawa, Ont.

+Viberg, Ernest Frederick, Montreal, P.Q.

+Johansen, Arthur Michael, Shawinigan Falls, P.Q.

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+Conditional upon passing supplemental examinations.

## IN MINING ENGINEERING.

(In order of merit.)

- +Brown, Walter Franklin, Montreal, P.Q.  
 Weldon, Frederick Edmund, Montreal, P.Q.  
 +Waldie, Frederick Mark, Nelson, B.C.

## SECOND YEAR.

## PRIZES.

(In alphabetical order.)

- Butlin, Claude Marsh—Second Prize for Mathematics and Mechanics.  
 Cooper, Lawrence O'Toole—First Prize for Mathematics and Mechanics.  
 Doran, Harold James—P. J. Turner Prize for Building Construction.  
 Kalman, Max Myron—Anglin-Norcross Prize for Architectural Drawing.  
 Mellor, John Harold—Third Prize for Mathematics and Mechanics.

## SESSIONAL PASS LIST.

## IN ARCHITECTURE.

(In order of merit.)

- Montgomery, Robert Alexander, Philipsburg, P.Q.  
 Merrett, John Campbell, Westmount, P.Q.  
 +Doran, Harold James, Montreal, P.Q.

## IN ENGINEERING.

(In order of merit.)

- Cooper, Lawrence O'Toole, Schumacher, Ont.  
 Francis, John Barten, Westmount, P.Q.  
 Butlin, Claude Marsh, Mexico.  
 Haines, Julius Holmes, Montreal, P.Q. }equal.  
 Mellor, John Harold, Richelieu, P.Q. }  
 Wykes, Eric Robinson, Montreal, P.Q.  
 Bénard, Frederick, Mexico.  
 Carbray, Frank Joseph, Montreal, P.Q.  
 Stobart, Walter Turner, Montreal, P.Q.  
 Thomas, William Frank, Montreal, P.Q.  
 Rennie, Gordon Hertel, Agincourt, Ont.  
 Yeomans, Richard Henry Montreal West, P.Q. }equal.

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+Conditional upon passing supplemental examinations.

- Neville, Henry Russell, Montreal, P.Q.  
 Berger, Bernard A., Montreal, P.Q. }equal.  
 Timm, Charles Ritchie, Westmount, P.Q. }  
 +Godfrey, John Edward, Montreal, P.Q.  
 Skelton, Cecil Hastings, Westmount, P.Q.  
 Brown, Thomas, Montreal, P.Q.  
 +Klein, Herman, Montreal, P.Q.  
 Morrison, Thomas Jack, Quebec, P.Q.  
 Williams, Richard Louis, Lachine, P.Q.  
 +Southam, William Watson, Hamilton, Ont.  
 Wurtele, Campbell, St. Therese de Blainville, P.Q.  
 Jehu, Llewellyn, Lachine, P.Q.  
 +Cantlon, William Norman, Westmount, P.Q.  
 +Hutchinson, Walter John Basil, St. Vincent, B.W.I.  
 Sutton, Gordon A., Montreal, P.Q.  
 +Boak, Andrew Charles, Montreal, P.Q.  
 +Tait, Gordon Ewing, Westmount, P.Q.  
 +Evans, Delano Ernest, Quebec, P.Q.  
 +Wallace, Keith Bell, Hamiota, Man.  
 +O'Connell, Francis Joseph, Montreal, P.Q.  
 +Acêna, José Guillermo, Guatemala City, C. Am.  
 +Berenstein, Leslie, Montreal, P.Q.  
 +Cape, Gordon Edward, Lachine, P.Q.  
 +Calder, Frank, Jr., Montreal, P.Q.  
 +Embregts, John Arthur, Quebec, P.Q.  
 +Hirsch, Richard Joseph, Montreal, P.Q.  
 +Laing, Addison Kerr, Hamilton, Ont.  
 +Jopling, Thomas Reginald, Gaspé Basin, P.Q. }equal.  
 +Moxon, Henry Wilding, Vancouver, B.C. }  
 +Brown, James Alexander, Westmount, P.Q.  
 +Redpath, James Botterell, Pincher Creek, Alta.  
 +Manson, Robert Edwin, Montreal, P.Q.  
 +Armstrong, Charles Gordon, Winnipeg, Man.  
 +Ogilvy, James Angus, Hamilton, Ont.  
 +McCabe, Russell Irving, Windsor Mills, P.Q.  
 +Gonzalez, Louis Charles, Westmount, P.Q.  
 +Bowles, William Shedden, Westmount, P.Q.  
 +Abramowitz, Richard, Montreal, P.Q.  
 +Hartney, James Rowen, Regina, Sask.

(Unranked.)

(In alphabetical order.)

- +Castle, Stephen, Niagara Falls, Ont.  
 +Wheatley, Eric Edmund, Westmount, P.Q.

(Also completed year.)

(In alphabetical order.)

- Barrett, Russell James, Philadelphia, Pa., U.S.A.  
 Bennett, Almerin Truax, Toronto, Ont.  
 Ryder, Frederick James, Montreal, P.Q.

+Conditional upon passing supplemental examinations.



## FIRST YEAR.

## PRIZES.

(In alphabetical order.)

- \*Billette, Roger—Prize for Mathematics, Descriptive Geometry and Physics.  
 deMontigny, Raimbault Michel—Scott Exhibition for Mathematics, Descriptive Geometry and Physics.  
 \*Pimenoff, Clement John—Prize for Mathematics, Descriptive Geometry and Physics.

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\*Equal.

## SESSIONAL PASS LIST.

## IN ARCHITECTURE.

(In order of merit.)

- Onions, Wilfred Richmond, Bermuda, B.W.I.  
 †Berger, Irvin Jacob, New York, N.Y., U.S.A.  
 †Eliasoph, Milton, Montreal, P.Q.  
 †Pratt, Robert John, Montreal, P.Q.  
 †Blair, Donald Lansdowne, Ottawa, Ont.

## IN ENGINEERING.

(In order of merit.)

- deMontigny, Raimbault Michel, Ottawa, Ont.  
 Quinn, Odoric, Quebec, P.Q.  
 Pimenoff, Clement John, Montreal, P.Q.  
 Clarke, Owen Mawbey, Jamaica, B.W.I.  
 Arcand, Louis, Montreal, P.Q.  
 Hines, William Sylvias, East Noel, N.S.  
 Schloen, John Henry, North Glenside, Pa., U.S.A.  
 King, James Gordon, Montreal, P.Q.  
 †Clark, Charles William, Sherbrooke, P.Q.  
 †Smith, Lewis Douglas, Moose Jaw, Sask.  
 †Billette, Roger, Valleyfield, P.Q.  
 Crain, Reginald Albert, Ottawa, Ont.  
 Bennett, George Francis, Ottawa, Ont.  
 Massé, Gaston Wilfred, Sherbrooke, P.Q.  
 Clarke, George Frederick, Jamaica, B.W.I.  
 Savage, Palmer Ernest, Montreal West, P.Q.  
 Hawley, Eric Farwell, Ormstown, P.Q.  
 Ross, Donald Ralph, Montreal, P.Q.  
 †Crossland, Charles Wilfred, Barrie, Ont.  
 †Thomson, Elihu, Westmount, P.Q.  
 †Chaikin, Harold Simon, Montreal, P.Q.

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†Conditional upon passing supplemental examinations.

- +Skelly, Patrick John, Montreal, P.Q.
- +Holland, Trevor Clive, Westmount, P.Q.
- +Ellis, David Edward, Ottawa, Ont.
- +Cunningham, Harold Emberson, Westmount, P.Q.
- +Clark, James Reid, Hamilton, Ont.
- +MacGibbon, Kenneth Wyman, Brownsburg, P.Q.
- +Brosseau, Joseph George, Montreal, P.Q.
- +Coté, Joseph René, Montreal, P.Q.
- +Pascal, Fred, Montreal, P.Q.
- +Cameron, Alexander James, Montreal, P.Q.
- +Cropper, James Porter Ellis, St. Vincent, B.W.I.
- +Rosengarten, William, Montreal, P.Q.
- +Hutchison, William Harper, Montreal, P.Q.
- +Kotik, Nochem, Montreal, P.Q.
- +Supple, Jeffrey Hale, Pembroke, Ont.
- +Saunders, John Spencer, Montreal West, P.Q.

*(Unranked.)*

Hulme, Gordon Donaldson, Westmount, P.Q.

(Also completed year.)

(In alphabetical order.)

- Benny, Walter Robert, Ottawa, Ont.
- Blachford, Henry Edmund, Westmount, P.Q.
- Collins, Thomas Garnet, Eastview, Ont.
- Dupont, Charles Thomas, Victoria, B.C.
- Evans, Edward Norton, Westmount, P.Q.
- Francis, Jonathan Bryson, Indian Head, Sask.
- Frost, Clifford Earl, Lachine, P.Q.
- Gonzalez, George Albert, Westmount, P.Q.
- Goodman, Hyman Bernard, Montreal, P.Q.
- Hunter, William Smith, Pointe Claire, P.Q.
- Letch, Harry George, St. Lambert, P.Q.
- Martin, Reginald Lee, Granby, P.Q.
- Montgomery, William Boydell, Penticton, B.C.
- Morrison, Claude Wilson, Mount Royal, P.Q.
- Nolan, Clinton William, Buffalo, N.Y.
- Ryan, Leo Edward, Westmount, P.Q.
- Sprigings, Gordon McGillvray, Montreal, P.Q.

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+Conditional upon passing supplemental examinations.

## STANDING IN THE SEVERAL SUBJECTS.

## (1) STUDENTS IN ARCHITECTURE.

## ALGEBRA (ARTS 1).

*First Year.*—*Class I.*—Blair. *Class II.*—Berger; Eliasoph. *Class III.*—Onions.

## ARCHITECTURAL DESIGN.

*Fifth Year.*—*Class I.*—Valentine; Betts. *Class II.*—Maxwell. *Class III.*—None.

*Third Year.*—*Class I.*—None. *Class II.*—Abbott; Wolever; Copeman; Fisk, Taylor, equal; Ross. *Class III.*—None.

*Second Year.*—*Class I.*—Kalman. *Class II.*—Merrett; Montgomery; Bouchard, Doran, equal. *Class III.*—None.

## ARCHITECTURAL DRAWING

*Third Year.*—*Class I.*—None. *Class II.*—Fisk; Taylor. *Class III.*—Copeman, Wolever, equal; Abbott, Ross, equal.

*Second Year.*—*Class I.*—None. *Class II.*—Kalman; Bouchard, Montgomery, equal; Doran; Merrett. *Class III.*—None.

*First Year.*—*Class I.*—None. *Class II.*—Onions; Berger; Thibodeau; Blair. *Class III.*—Pratt; Eliasoph.

## ARCHITECTURAL ENGINEERING (II-B).

*Fourth and Third Years.*—*Class I.*—Fisk. *Class II.*—Abbott; Taylor. *Class III.*—Booth, Copeman, equal; Bouchard; Ross.

## ARCHITECTURAL ENGINEERING (DRAUGHTING II-B).

*Fourth and Third Years.*—*Class I.*—Fisk. *Class II.*—Abbott; Taylor. *Class III.*—Booth, Copeman, equal; Bouchard; Ross.

## ARCHITECTURAL ENGINEERING (1).

*Second Year.*—*Class I.*—None. *Class II.*—Doran; Montgomery. *Class III.*—Merrett; Kalman.

## ARCHITECTURAL ENGINEERING (DRAUGHTING 1).

*Second Year.*—*Class I.*—None. *Class II.*—Doran; Montgomery. *Class III.*—Merrett; Kalman.

## ARCHITECTURAL ESSAY.

*Fifth Year.*—*Class I.*—Betts; Valentine; Maxwell. *Class II.*—None.  
*Class III.*—None.  
*Third Year.*—*Class I.*—Taylor. *Class II.*—Wolever; Copeman; Ross.  
*Class III.*—Abbott; Fisk.  
*Second Year.*—*Class I.*—Merrett, Montgomery, equal. *Class II.*—Kalman; Doran. *Class III.*—None.

## ARCHITECTURAL GEOMETRY.

*Second Year.*—*Class I.*—None. *Class II.*—Bouchard; Montgomery.  
*Class III.*—Merrett.  
*First Year.*—*Class I.*—Berger. *Class II.*—Onions; Blair, Pratt, equal.  
*Class III.*—Eliasoph, Thibodeau, equal.

## GEOMETRY AND TRIGONOMETRY (ARTS 1).

*First Year.*—*Class I.*—Blair. *Class II.*—Berger; Eliasoph; Pratt. *Class III.*—Onions.

## BUILDING CONSTRUCTION.

*Second Year.*—*Class I.*—None. *Class II.*—Doran; Montgomery; Kalman; Merrett. *Class III.*—None.

## BUILDING DETAILS.

*Second Year.*—*Class I.*—Doran; Montgomery. *Class II.*—Kalman; Merrett. *Class III.*—None.

## ELEMENTS OF ARCHITECTURE.

*First Year.*—*Class I.*—Berger, Pratt, equal. *Class II.*—Onions; Eliasoph; Blair; Thibodeau. *Class III.*—None.

## ELEMENTS OF COMPOSITION.

*Second Year.*—*Class I.*—Kalman; Montgomery. *Class II.*—Merrett; Bouchard. *Class III.*—Doran.

## ENGINEERING LAW.

*Fifth Year.*—*Class I.*—Maxwell. *Class II.*—Valentine; Betts. *Class III.*—None.

## FREEHAND DRAWING.

*Third Year.*—*Class I.*—Fisk. *Class II.*—Wolever; Bouchard; Abbott, Copeman, equal. *Class III.*—Ross; Taylor.  
*Second Year.*—*Class I.*—None. *Class II.*—Doran; Montgomery; Kalman, Merrett, equal. *Class III.*—None.  
*First Year.*—*Class I.*—None. *Class II.*—Thibodeau; Berger; Pratt; Onions. *Class III.*—Blair; Eliasoph.

## HISTORY OF ARCHITECTURE (CLASSIC).

*Second Year.—Class I.—Montgomery. Class II.—Doran, Merrett, equal; Kalman. Class III.—None.*

## HISTORY OF ARCHITECTURE (MODERN).

*Fifth Year.—Class I.—Valentine; Betts; Maxwell. Class II.—None. Class III.—None.*

## HISTORY OF ARCHITECTURE (RENAISSANCE)

*Fourth and Third Years.—Class I.—Booth; Bouchard. Class II.—Fisk. Class III.—Wolever; Taylor; Ross; Copeman; Abbott.*

## HISTORICAL DRAWING.

*Fifth Year.—Class I.—Valentine; Betts. Class II.—Maxwell. Class III.—None.*

## MODELLING.

*Fifth Year.—Class I.—Betts; Valentine. Class II.—None. Class III.—Maxwell.*

*Fourth Year.—Class I.—None. Class II.—Booth. Class III.—None.*

## ORNAMENT AND DECORATION (NO. 9).

*Fourth and Third Years.—Class I.—Bouchard; Abbott. Class II.—Fisk; Taylor; Ross, Wolever, equal. Class III.—Booth.*

## ORNAMENT AND DECORATION (NO. 10).

*Fourth and Third Years.—Class I.—None. Class II.—Copeman, Fisk, equal; Booth; Taylor. Class III.—Abbott, Wolever, equal; Ross; Bouchard.*

## PHYSICS AND LABORATORY (ARTS I).

*First Year.—Class I.—None. Class II.—Onions; Berger; Pratt. Class III.—Eliasoph; Blair.*

## PROFESSIONAL PRACTICE.

*Fifth Year.—Class I.—Maxwell; Betts. Class II.—Valentine. Class III.—None.*

## SUMMER READING AND WORK.

*Fifth Year.*—*Class I.*—Betts; Maxwell, Valentine, equal. *Class II.*—None. *Class III.*—None.

*Fourth Year.*—*Class I.*—None. *Class II.*—Booth. *Class III.*—None.

*Third Year.*—*Class I.*—None. *Class II.*—Abbott, Copeman, equal; Fisk, Ross, Taylor, equal. *Class III.*—None.

*Second Year.*—*Class I.*—Bouchard, Merrett, Wolever, equal. *Class II.*—Montgomery. *Class III.*—Doran.

## SUMMER SKETCHING SCHOOL.

*Fourth and Third Years.*—*Class I.*—Taylor. *Class II.*—Abbott; Fisk, Ross, equal. *Class III.*—Wolever.

## THEORY OF DESIGN.

*Third Year.*—*Class I.*—Copeman; Taylor. *Class II.*—Wolever; Ross; Fisk; Abbott. *Class III.*—None.

## (2) STUDENTS IN OTHER COURSES.

## APPLICATIONS OF ELECTRICITY.

*Fourth Year.*—*Class I.*—Boyd; Benjamin; Rhodes; Budden. *Class II.*—Groleau; Buchanan; Dawe, Godwin, equal. *Class III.*—Fulton; Lyons, Perley, equal; Cole, Gagnon, equal; Smith; Abbott, Richardson, equal; Fong; Palmer; Durley; Bedee, Bellew, Curtis, DelMotte, Heney, Nightingale, equal.

## APPLIED ELECTRO-CHEMISTRY.

*Fourth Year.*—*Class I.*—Feiner; Cole; Rhodes; Nightingale; Fulton; Curtis, Gagnon, Groleau, equal. *Class II.*—Benjamin; Sykes; Dawe, Pangman, equal; Godwin; Smith; Palmer; Durley, Pope, equal; Abbott, Wright, equal. *Class III.*—Bedee, MacCarthy, equal; DelMotte; Taylor; Fong; Lyons; Boyd, Hargrave, McConvry, equal.

## BRIDGE DESIGN.

*Fourth Year.*—*Class I.*—None. *Class II.*—Spratt; Theobalds; Dalton; Coleman. *Class III.*—Rolph; Donnelly.

## ADVANCED INORGANIC CHEMISTRY.

*Fourth Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—Wright.

## ADVANCED ORGANIC CHEMISTRY.

*Fourth Year.*—*Class I.*—Laporte; Feiner. *Class II.*—MacCarthy. *Class III.*—Ketchen.

## COLLOID CHEMISTRY.

*Fourth Year.*—*Class I.*—Feiner. *Class II.*—MacCarthy; McConvry. *Class III.*—Wright; Aitken, Taylor, equal.

## FOOD CHEMISTRY.

*Fourth Year.*—*Class I.*—Feiner. *Class II.*—MacCarthy; Ketchen, Laporte, equal; Taylor; McConvry. *Class III.*—Noble; Pangman.

## GENERAL CHEMISTRY.

*Second Year.*—*Class I.*—Francis (J. Barten); Cantlon; Butlin, Haines, equal; Benard; Hirsch; Berger; Klein; Boak; Acêna, Timm, equal; Wykes; Godfrey, O'Connell, Thomas, Wurtele, equal. *Class II.*—Bowles, Morrison (T. J.), Skelton, Southam, equal; Berenstein, Hungerford, Stobart, equal; Cooper, Ogilvy, equal; Evans (E. N.), Mellor, Rennie, Sutton, equal; Carbray, Hartney, Redpath, Williams, equal; Benny, Brown (J. A.), equal; Gonzalez (L. C.), Martin, Neville, equal; Boissonnault, Yeomans, equal; Collins, Montgomery (W. B.), equal; Moxon; Brown (T.), Cape, Frost, Jehu, Laing (A. K.), equal. *Class III.*—Dupont; Francis (J. Bryson), Griffiths, equal; Hulme, Morrison (C. W.), equal; Nolan; Calder, Hutchison (A. W.), equal; Butler, Rogers, equal; Abramowitz, Jopling, equal; Embregts, Manson, equal; Evans (D. E.); Gonzalez (G. A.), Laing (D. A. S.), equal; Blachford, Carlisle, equal; Wallace; Davis, Ryan, Sprigings, equal.

## GENERAL CHEMISTRY.

*First Year.*—*Class I.*—deMontigny; Brosseau; McDunnough; King; Cunningham; Hines; Pimenoff. *Class II.*—Holland; MacGibbon, Masse, equal; Cameron, Cropper, Letendre, Smith, equal; Billette, Pascal, Schloen, equal; Arcand, Bennett, Clarke (G. F.), Crossland, Fraser, Supple, equal; Clark (J. R.), Gersovitz, Quinn, equal; Donald; Clarke (O. M.); Dunlop, Hawley, Raether, Rosengarten, equal. *Class III.*—Chaikin, Crain, Wolfe, equal; Cote, Saunders, Thomson, equal; Ashkenazy, Monk, Ross, equal; Ber; Ferguson; Kotik; Lamoureux; Clark (C. W.), Hutchison (W. H.), Skelly, equal; Ellis, Oram, equal; Harquail; Chambers.

## HISTORY OF CHEMISTRY.

*Fourth Year.*—*Class I.*—Laporte, Taylor, equal. *Class II.*—Pangman; MacCarthy; Feiner. *Class III.*—Aitken, Wright, equal; Ketchen.

## INDUSTRIAL CHEMISTRY (INORGANIC).

*Fourth Year.*—*Class I.*—Ketchen, Laporte, equal; Feiner. *Class II.*—Pangman. *Class III.*—Taylor; MacCarthy, McConvry, equal.

## INDUSTRIAL CHEMISTRY (ORGANIC).

*Fourth Year.*—*Class I.*—Laporte; Feiner; Ketchen. *Class II.*—Pangman; Taylor. *Class III.*—Wright; MacCarthy.

## INORGANIC QUALITATIVE ANALYSIS.

*Third Year.*—*Class I.*—Brown (W. F.). *Class II.*—Waldie, Weldon, equal; Castle. *Class III.*—McNaughton; Barrett; Wheatley; Barnes.

## INORGANIC QUANTITATIVE ANALYSIS.

*Fourth Year.*—*Class I.*—None. *Class II.*—Jones; Judson; Bray. *Class III.*—Brock, Castle, Hay, equal.

## INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY.

*Third Year.*—*Class I.*—Campbell. *Class II.*—Reeve; Rosenbloom; Cramp. *Class III.*—Sheps; Smith.

## ORGANIC CHEMISTRY.

*Third Year.*—*Class I.*—Rosenbloom; Reeve. *Class II.*—Sheps; Smith; Cramp. *Class III.*—Campbell.

## PHYSICAL CHEMISTRY.

*Third Year.*—(Chemical Engineering Course).—*Class I.*—Rosenbloom. *Class II.*—Cramp; Sheps. *Class III.*—Campbell; Wheatly.

## PHYSICAL CHEMISTRY AND LABORATORY.

*Fourth Year.*—*Class I.*—Feiner. *Class II.*—MacCarthy. *Class III.*—McConvry; Aitken; Wright; Taylor.

## COMMUNICATION ENGINEERING.

*Fourth Year.*—*Class I.*—Benjamin, Nightingale, equal; Cole; Richardson. *Class II.*—Gagnon, Pope, equal; Bellew, Groleau, equal; Fong. *Class III.*—Rhodes; Curtis, Smith, equal; Sykes; Boyd, Lyons, equal; Buchanan, Budden, equal; Bedee, Godwin, Heney, equal; DelMotte, Fulton, Palmer, equal.

## CRUSHING AND GRINDING MACHINERY.

*Third Year.*—*Class I.*—Brown (W. F.); Reeve. *Class II.*—Barrett, Weldon, equal; Aitken; Sheps; Cramp; Judson. *Class III.*—Rosenbloom; McNaughton, Smith (G. C.), equal; Barnes; Waldie.



## DESCRIPTIVE GEOMETRY.

*First Year.*—*Class I.*—deMontigny; Rosengarten; Clark (J. R.), Smith, equal; Thomson; Quinn; Clark (C. W.), Clarke (G. F.), Crossland, Skelly, equal; Clarke (O. M.), Holland, equal; King, Pimenoff, equal; Cote, Schloen, equal; Masse. *Class II.*—Brosseau; Supple; Chaikin; Bennett, Hines, equal; Ferguson. *Class III.*—Crain, Dunlop, equal; Pascal; Mountain; Cropper, Ross, equal; Arcand, Billette, Saunders, equal; Cunningham, Hawley, equal; Raether; Ellis; Harquail, MacGibbon, equal; Ber; Cameron; Hutchison; Gersovitz, Savage, equal; McDunnough.

## DESCRIPTIVE GEOMETRY AND PERSPECTIVE.

*Second Year.*—*Class I.*—Francis (J. Barten); Cooper; Cape, Rennie, equal; Butlin, Thomas, equal; Boak; Benard, Wurtele, equal; Butler, Gonzalez (L. C.), equal; Haines, Timm, equal; Evans (D. E.), Mellor, Wallace, equal; Berger; Godfrey, Klein, equal; Morrison (T. J.), Stobart, equal; Hulme, Skelton, equal. *Class II.*—Manson, Southam, Wykes, equal; Jopling; Laing (A. K.), Tait, equal; Berenstein; Cantlon; Frost, Jehu, equal; Armstrong, Brown (J. A.), equal; Nolan; Carbray, Dupont, Laing (D. A. S.), Montgomery (W. B.), equal; Boissonnault, Gonzalez (G. A.), equal. *Class III.*—Brown (T.), Hunter, Letch, Morrison (C. W.), equal; Yeomans; O'Connell, Sutton, equal; Rogers; Calder; Abramowitz; Redpath; McCabe, Williams, equal; Neville, Ogilvy, equal; Embregts.

## DESIGNING.

*Fourth Year.*—*Class I.*—Goddard; Jehu. *Class II.*—Copping; Brain; Mitchell; Miller, Minnes, equal. *Class III.*—None.

## ECONOMICS (CANADIAN ECONOMIC PROBLEMS).

*Fourth Year.*—*Class I.*—Dalton; Rhodes; Cole; Ketchen, Nightingale, equal; Groleau; Abbott. *Class II.*—Brock, Theobalds, equal; Feiner, Miller, Palmer, equal; Copping, MacCarthy, equal; Spratt; Aitken, Mitchell, equal; Brain; Hay, Pangman, equal; Minnes; Bedee, Benjamin, Hargrave, Laporte, equal; Boyd, Jones, equal; Bray; Castle, Curtis, Fong, Fulton, Richardson, equal; Rolph. *Class III.*—Goddard; Patterson, Taylor, equal; Gagnon, Jehu, Pope, equal; Heney; Godwin, Sykes, equal; DelMotte; McConvry; Bellew; Durley; Collin, Lyons, Wright, equal; Smith (A. W.); Wyse.

## ECONOMICS (ELEMENTS OF POLITICAL ECONOMY).

*Third Year.*—*Class I.*—Jacobsen; Baker. *Class II.*—Taggart; Manson; Brown (W. F.), Evans, Stirling, equal; Campbell; Tremain; Lunn. *Class III.*—Doberer, Hamilton, equal; Montgomery; Grant; Adams, Crawford, Gavin, Mahoney, equal; Doherty; Angus; Ryder; Alexander, Hare, Johansen, Sheps, equal; McNaughton; Cramp, Reeve, equal; Archibald, Brownell, equal; Holmes, McInnis, Waldie, equal; Baldwin, Barnes, Chisholm, Judson, Rosenbloom, Weldon, equal.

## ELECTRIC LIGHT AND POWER DISTRIBUTION.

*Fourth Year.*—*Class I.*—None. *Class II.*—Cole, Groleau, equal; Nightingale; Abbott; Bedee; Gagnon; Benjamin; Perley; Fulton, Rhodes, equal. *Class III.*—Dawe, Fong, equal; Durley, Godwin, Palmer, equal; DelMotte; Boyd, Curtis, equal; Heney, Pope, equal; Lyons; Bellew, Buchanan, Budden, Richardson, Smith, Wyse, equal.

## ELECTRIC TRACTION.

*Fourth Year.*—*Class I.*—Nightingale; Boyd; Groleau; Palmer; Abbott. *Class II.*—Buchanan; Perley; Budden; Mahoney; Fulton; Richardson; Smith; Benjamin, Gagnon, equal. *Class III.*—Curtis; Cole; Godwin; Fong, Rhodes, equal; DelMotte; Bellew, Durley, Lyons, equal; Bedee, Dawe, Sykes, equal.

## ELECTRICAL DESIGNING.

*Fourth Year.*—*Class I.*—Nightingale; Benjamin; Groleau; Abbott, Rhodes, equal. *Class II.*—Palmer; Budden; Boyd, Fong, equal; Dawe; Buchanan; Cole. *Class III.*—Mahoney, Smith, equal; Bedee, Fulton, equal; Curtis; Pope; Gagnon, Lyons, equal; Sykes; Durley; DelMotte, Godwin, equal.

## ELECTRICAL ENGINEERING.

*Fourth Year.*—*Class I.*—Groleau; Rhodes; Benjamin; Cole, Nightingale, equal; Dawe. *Class II.*—Buchanan; Godwin. *Class III.*—Fulton; Boyd, Perley, equal; Abbott; Palmer, Richardson, equal; Heney; Gagnon; Smith; Lyons; Mahoney; Sykes; Budden, Curtis, Durley, Fong, equal.

*Third Year.*—*Class I.*—Evans; Hamilton; Mahoney; Gavin; Manson; Doberer, Sozansky, equal; Holmes; Dunn. *Class II.*—Crawford; Baldwin; Archibald, Moore, equal; Bell; Young. *Class III.*—Clarke; Eberts; Adams, Chisholm, equal; Stirling, Tremain, equal; Angus; Smyth.

## ELECTRICAL MEASUREMENTS AND LABORATORY.

*Fourth Year.*—*Class I.*—Benjamin; Rhodes. *Class II.*—Buchanan; Curtis, Pope, equal; Nightingale; Abbott, Budden, Heney, equal; Groleau, Palmer, Richardson, equal; Fong, Lyons, equal; Bedee. *Class III.*—DelMotte, Durley, Smith, equal; Gagnon; Bellew, Perley, equal; Godwin, Mahoney, equal; Cole; Boyd; Fulton; Dawe.

## ELECTRO-METALLURGY AND LABORATORY.

*Fourth Year.*—*Class I.*—Bonthron; Hargrave. *Class II.*—None. *Class III.*—None.

## ELEMENTS OF ELECTRICAL ENGINEERING.

*Fourth Year.*—*Class I.*—Feiner; Ketchen; Spratt. *Class II.*—Laporte; Theobalds; Coleman; Brock, Wright, equal. *Class III.*—Dalton, Hay, equal; Hargrave; Bray, Castle, equal; Taylor; Donnelly; MacCarthy.

*Third Year.*—*Class I.*—Baker. *Class II.*—Lunn; Viberg. *Class III.*—Brownell; Doull; Brown (W. F.); Weldon.

## ENGINEERING LAW.

*Fourth Year.*—*Class I.*—Theobalds; Nightingale; Feiner; Richardson; Curtis, Dalton, Groleau, Patterson, equal. *Class II.*—Boyd, Bray, Gagnon, equal; Benjamin, Fong, MacCarthy, Rhodes, Spratt, equal; Bellew, Brock, Copping, Heney, Jehu, Palmer, equal; Dawe, Hargrave, Rolph, equal; Abbott, Lyons, equal; Minnes, Mitchell, Taylor, Wright, equal; Bedee, Coleman, DelMotte, Fulton, Miller, equal; Brain, Cole, Jones, Pope, equal; Castle; Donnelly. *Class III.*—Sykes; Buchanan, Smith, equal; Goddard, Godwin, equal; Hay, Perley, equal; Durley, Noble, equal; Pangman; McConvry.

## ENGINEERING PROBLEMS.

*First Year.*—*Class I.*—deMontigny; Fraser; Schloen; Rosengarten; Hines; Hulme; Clarke (O. M.), Quinn, equal; Clark (C. W.); King. *Class II.*—Cunningham, Thomson, equal; Hutchison (A. W.); Pascal; Savage; Arcand; Skelly; Cote; Holland; Harquail, Pimenoff, equal; Clarke (G. F.), Crain, equal; Cropper; MacGibbon; Billette, Oram, equal. *Class III.*—Ross; Hawley; Lamoureux, Masse, equal; Chaikin, Saunders, equal; Cameron, Clark (J. R.), Dunlop, Ellis, Smith, equal; Crossland, Letendre, Parish, Raether, Supple, equal; Bennett, Chambers, Donald, equal; Ber, Ferguson, equal; Wolfe.

## EXPERIMENTAL ENGINEERING.

*Fourth Year.*—*Class I.*—None. *Class II.*—Goddard; Copping, Jehu, equal. *Class III.*—Brain; Mitchell.

## FIRE ASSAYING.

*Third Year.*—*Class I.*—Brown (W. F.); Castle; Waldie; Judson, Weldon, equal. *Class II.*—Barnes; Barrett. *Class III.*—McNaughton.

## FOUNDATIONS.

*Third Year.*—*Class I.*—Montgomery; Jacobsen. *Class II.*—Hare; Ryder. *Class III.*—Grant, Muller, equal.

## FREEHAND DRAWING AND LETTERING.

*First Year.*—*Class I.*—Schloen; Ashkenazy; Ferguson, Thomson, equal; Rosengarten; Clark (J. R.); Donald, Hawley, equal; Ber, Cropper, Raether, equal. *Class II.*—Crain, deMontigny, equal; Quinn Skelly, equal; Savage; Harquail; Bennett; Brosseau; Hines, Monk equal; Arcand, Clarke (O. M.), Dunlop, Kotik, equal; Holland; Masse. *Class III.*—Ross; Pimenoff, Saunders, equal; King, Pascal, equal; Lamoureux; Hutchison, Moran, Mountain, equal; Clarke (G. F.), Cunningham, equal; Oram; Vincent; Gersovitz; Clark (C. W.).

## GEODESY.

*Fourth Year.*—*Class I.*—Dalton; Theobalds. *Class II.*—Spratt; Patterson. *Class III.*—Donnelly; Coleman; Rolph.

## GENERAL GEOLOGY.

*Third Year.*—*Class I.*—None. *Class II.*—Brown (W. F.), Weldon, equal; Judson; Jacobsen. *Class III.*—Ryder; Montgomery; Muller; Hare; McNaughton; Grant; Waldie; Barnes.

## HISTORICAL GEOLOGY.

*Fourth Year.*—*Class I.*—Bray. *Class II.*—Brock. *Class III.*—Castle; Hay, Jones, equal.

## GEOLOGY OF CANADA.

*Fourth Year.*—*Class I.*—Brock. *Class II.*—Bray; Castle; Hay, Jones, equal. *Class III.*—None.

## HEATING AND VENTILATION OF BUILDINGS.

*Fourth Year.*—*Class I.*—Copping; Miller; Goddard. *Class II.*—Minnes; Jehu; Brain. *Class III.*—Mitchell.

## HIGHWAY ENGINEERING.

*Third Year.*—*Class I.*—None. *Class II.*—Hare; Muller; Montgomery. *Class III.*—Jacobsen, Ryder, equal; Grant; Stadler; Slattery.

## HISTORY OF SCIENCE.

*First Year.*—*Class I.*—deMontigny; Hawley; Crossland; MacGibbon; Arcand, Donald, Pimenoff, equal. *Class II.*—Currie; Crain, Rosengarten, equal; Ber, Kotik, Schloen, equal; Clark (J. R.); Hines; Billette, Clarke (G. F.), equal; Letendre, Cameron, equal; Ellis, Quinn, equal; Ashkenazy, Bennett, Lamoureux, Pascal, equal. *Class III.*—Harquail, Savage, equal; McDunnough; Vincent; Cropper; Clarke (O. M.), Ross, equal; Dunlop, Ferguson, equal; Chambers; Gersovitz; Chaikin, Parish, equal.

## HYDRAULICS AND LABORATORY (SHORT COURSE).

*Fourth Year.*—*Class I.*—Laporte. *Class II.*—Bray; Taylor; Castle. *Class III.*—McConvry; Brock, Feiner, equal; Hargrave; MacCarthy; Jones, Ketchen, Noble, equal.

## HYDRAULICS AND LABORATORY.

*Fourth and Third Years.*—*Class I.*—Dawe; Helwig. *Class II.*—Dobridge; Goddard; Copping; Miller, Mitchell, equal; Montgomery; Hare. *Class III.*—Jehu, Muller, equal; Durley, Sykes, equal; Slattery; Brain; Jacobsen, Minnes, Ryder, equal.

## HYDRAULIC MACHINES.

*Fourth Year.*—*Class I.*—None. *Class II.*—Dalton; Brain; Goddard; Copping. *Class III.*—Patterson; Coleman, Spratt, equal; Donnelly, Rolph, equal; Jehu, Miller, Mitchell, Theobalds, equal; Minnes.

## INDUSTRIAL ADMINISTRATION.

*Fourth Year.*—*Class I.*—Minnes. *Class II.*—Mitchell; Jehu. *Class III.*—Miller.

## INDUSTRIAL ENGINEERING.

*Fourth Year.*—*Class I.*—None. *Class II.*—Minnes. *Class III.*—Mitchell.

*Third Year.*—*Class I.*—None. *Class II.*—Doull; McInnis; Brown (C. B.). *Class III.*—Moar; Baker; Brownell, Johansen, equal; Taggart; Doherty, Lunn, Viberg, equal. *Unranked.*—Miller.

## INDUSTRIAL RELATIONS.

*Fourth Year.*—*Class I.*—None. *Class II.*—Mitchell; Minnes. *Class III.*—Miller; Jehu.

*Fourth Year.*—(*Electrical Engineering Course*).—*Class I.*—Benjamin; Budden, Nightingale, equal; Richardson; Buchanan. *Class II.*—Cole; Rhodes; Abbott; Gagnon, Godwin, Fong, Fulton, Palmer, equal; Boyd, Dawe, Heney, Mahoney, equal; Durley, Perley, equal; Smith; Groleau; Pope. *Class III.*—Curtis; Sykes; Bedee; Del-Motte; Bellew; Lyons.

*Third Year.*—(*Electrical Engineering Course*).—*Class I.*—Dunn, Evans, equal; Hamilton, Holmes, equal. *Class II.*—Crawford; Stirling; Gavin, Moore, equal; Adams; Sozansky; Doberer; Baldwin, Eberts, equal; Young; Manson, Tremain, equal; Clarke (F. E.); Bell. *Class III.*—Angus, Archibald, equal; Mahoney; Smyth; Chisholm.

*Third Year.*—(*Mechanical Engineering Course*).—*Class I.*—None. *Class II.*—Moar; Baker; Doull; McInnis; Brown (W. F.). *Class III.*—Brownell; Weldon; Lunn; Barrett; Doherty; Taggart; Johansen; Waldie.

## LABORATORIES.

## CHEMICAL LABORATORY.

*Second Year.*—*Class I.*—Carbray; Rennie; Benard; Butlin; Berger, Klein, Wykes, equal; Thomas; Cantlon, Dupont, Haines, Southam, Wurtele, equal; Cooper, Hirsch, equal; Skelton; Acêna, Cape, Francis (J. Barten), equal. *Class II.*—Boak, Gonzalez (L. C.), Ryan, Sutton, Timm, equal; Benny, Hungerford, equal; Mellor, Rogers, Stobart, equal; Gonzalez (G. A.), Redpath, Yeomans, equal; Calder, Ogilvy, equal; Jehu; Collins, Williams, equal; Brown (T.), Laing (A. K.), Moxon, equal; Butler; Brown (J. A.), Carlisle, Griffiths, Nolan, equal; Boissonnault; Embregts, Montgomery, O'Connell, equal; Hulme, Neville, equal. *Class III.*—Berenstein'

Wallace, equal; Evans (E. N.), Frost, Godfrey, Manson, equal; Abramowitz, Francis (J. Bryson), Hutchison (A. W.), Morrison (C. W.), equal; Martin, Morrison (T. J.), equal; Evans (D. E.); Bowles; Hunter; Hartney; Grenier, Sprigings, equal.

*First Year.—Class I.*—deMontigny; Schloen; Pimenoff; Clarke (O. M.); Quinn; Cameron; Masse; Hines; King; Arcand. *Class II.*—Billette, Clarke (G. F.), Hawley, Pascal, equal; Letendre; Ellis; Dunlop; Clark (J. R.), Crain, Crossland, MacGibbon, Ross, equal; Cropper, Holland, Oram, equal. *Class III.*—Harquail, Raether, equal; Bennett, Smith, Thomson, equal; Kotik; Lamoureux; Ashkenazy, Brosseau, equal; Chaikin, Rosengarten, equal; Cunningham; Donald; Gersovitz; Saunders; Chambers, Supple, equal; Ber.

#### CHEMICAL LABORATORY (INORGANIC).

*Fourth Year.—(Chemical Engineering Course).*—*Class I.*—None. *Class II.*—Wright. *Class III.*—None.

*Fourth Year.—(Metallurgical Engineering Course).*—*Class I.*—None. *Class II.*—None. *Class III.*—Hargrave.

#### CHEMICAL LABORATORY (INORGANIC QUALITATIVE ANALYSIS).

*Third Year.—Class I.*—Brown (W. F.), Castle, equal. *Class II.*—Weldon; Wheatley; Barnes, Barrett, Waldie, equal. *Class III.*—McNaughton.

#### CHEMICAL LABORATORY (ADVANCED ORGANIC).

*Fourth Year.—Class I.*—Laporte. *Class II.*—Taylor; Feiner, MacCarthy, equal. *Class III.*—Ketchen, McConvry, Pangman, equal.

#### CHEMICAL LABORATORY (ORGANIC).

*Third Year.—Class I.*—Reeve; Sheps; Cramp. *Class II.*—Rosenbloom; Campbell. *Class III.*—Smith.

#### ELECTRICAL ENGINEERING LABORATORY.

*Fourth Year.—(General Course).*—*Class I.*—Taylor; Dalton. *Class II.*—Theobalds; Laporte, Spratt, equal; Hargrave; Coleman; Castle, Patterson, equal; Ketchen, Rolph, equal; Donnelly, Feiner, equal. *Class III.*—Noble; Brock, MacCarthy, equal; McConvry; Bray; Hay; Jones; Pangman.

## FIRE ASSAYING LABORATORY.

*Third Year.*—*Class I.*—Brown (W. F.), Waldie, equal; Weldon. *Class II.*—Barnes, Castle, equal; McNaughton; Barrett. *Class III.*—None.

## GEODETIC LABORATORY.

*Fourth Year.*—*Class I.*—None. *Class II.*—Theobalds; Dalton; Coleman; Spratt; Donnelly, Rolph, equal. *Class III.*—Patterson.

## MECHANICAL ENGINEERING LABORATORY (249).

*Fourth Year.*—*Class I.*—Copping; Goddard. *Class II.*—Brain; Jehu. *Class III.*—None.

## MECHANICAL ENGINEERING LABORATORY (249a).

*Fourth Year.*—*Class I.*—Mitchell. *Class II.*—Minnes; Miller. *Class III.*—None.

## MECHANICAL ENGINEERING LABORATORY.

*Third Year.*—(*General Course*).—*Class I.*—Baker; Lunn, Sheps, equal; Reeve; Doull; Jacobsen. *Class II.*—Aitken, Montgomery, Weldon, equal; Johansen; Brown (W. F.), Viberg, equal; Brownell, Doherty, equal; Moar, Muller, Ryder, Taggart, equal; Smith; Waldie; Campbell. *Class III.*—Cramp, Grant, McInnis, equal; Rosenbloom; McNaughton.

*Third Year.*—(*Electrical Engineering Course*).—*Class I.*—Evans, Hamilton, equal; Young; Clarke, Crawford, Tremain, equal. *Class II.*—Chilsholm; Holmes; Adams; Sozansky, Stirling, equal; Angus, Bell, equal; Mahoney; Doberer; Eberts, Manson, equal; Gavin. *Class III.*—Baldwin; Archibald, Moore, equal.

## METALLOGRAPHIC LABORATORY.

*Fourth Year.*—*Class I.*—Bonthron. *Class II.*—Hargrave. *Class III.*—None.

## METALLURGICAL LABORATORY AND THESIS.

*Fourth Year.*—*Class I.*—Hargrave. *Class II.*—None. *Class III.*—None.

## ORE DRESSING LABORATORY.

*Fourth Year.*—*Class I.*—Bray, Brock, equal. *Class II.*—Castle, Hargrave, equal; Hay; Jones. *Class III.*—None.



## PHYSICAL LABORATORY.

*Second Year.*—*Class I.*—Cooper; Brown (T.); Francis (J. Barten); Haines; Mellor, Wykes, equal; Butlin. *Class II.*—Brown (J. A.); Jehu; Benard; Cape, Morrison (C. W.), equal; McCabe, Montgomery (W. B.), Southam, Stobart, Williams, equal; Wurtele; Armstrong, Cosser, equal; Hungerford; Carbray, Castle, Manson, Ogilvy, Sutton, Tait, Thomas, equal; Berger, Gonzalez (L. C.), Nolan, equal; Boak, Klein, Sprigings, equal; Collins, Godfrey, Rennie, Wallace, Yeomans, equal; Embregts, Redpath, equal; Berenstein, Laing (A. K.), equal. *Class III.*—Cantlon; Acêna, Skelton, equal; Morrison (T. J.), Bowles, equal; Hartney, Hirsch, Neville, equal; Letch, Timm, equal; Calder, Martin, equal; Evans (D. E.), Moxon, equal; Ryan; Grenier, Laing (D. A. S.), equal; Davis, Frost, equal; Carlisle; Benny, Blachford, equal; Butler, Goodman, Hutchinson (W. J. B.), Hutchison (A. W.), equal; Jopling, O'Connell, equal.

*First Year.*—*Class I.*—Schloen; Quinn; Clark (J. R.), Hines, Smith, equal; Arcand, deMontigny, equal. *Class II.*—Clark (C. W.); Cropper, Crossland, Fraser, equal; Billette, Hawley, Ross, equal; Clarke (O. M.); McDunnough, Pimenoff, equal; Thomson; Chaikin, Ellis, equal; Donald, King, equal; Clarke (G. F.); Cunningham, Ferguson, Holland, equal; Crain; Ashkenazy, Harquail, equal. *Class III.*—Kotik; Cameron; Bennett, MacGibbon, Supple, equal; Cote; Chambers; Gersovitz, Hutchison, equal; Currie; Saunders; Parish.

## STRENGTH OF MATERIALS LABORATORY.

*Third Year.*—*Class I.*—Doberer; Jacobsen. *Class II.*—Bell; Viberg; Evans, Hare, equal; Doull; Gavin, Hamilton, equal; Crawford, Taggart, equal; Ryder; Lunn; Tremain; Holmes, Weldon, equal; Aitken, Baldwin, Brown (W. F.), equal; Brownell, Young, equal. *Class III.*—Muller; Cramp, Sheps, Waldie, equal; Barrett, Sozansky, Stirling, equal; Johansen, Manson, equal; Adams, Clarke, Montgomery, equal; Campbell, Reeve, equal; Baker, Doherty, Eberts, equal; Rosenbloom; Moore; Moar; Angus, Archibald, equal; Grant, McInnis, Mahoney, Smyth, equal.

## MACHINE DESIGN.

*Fourth Year.*—(*Electrical Engineering Course*).—*Class I.*—Abbott. *Class II.*—Dawe; Durley. *Class III.*—Perley.  
*Fourth Year.*—(*Mechanical Engineering Course*).—*Class I.*—Goddard. *Class II.*—Mitchell. *Class III.*—Miller; Copping, Jehu, equal.  
*Third Year.*—*Class I.*—Chisholm; Baker; Sozansky, Viberg, equal; Doberer. *Class II.*—Lunn; Crawford, Doull, equal; Johansen;

Holmes, Manson, equal; Evans, Stirling, equal; Doherty, Hamilton, equal. *Class III.*—Brownell, Gavin, Taggart, equal; Archibald; Eberts; Baldwin; Adams, Tremain, equal; McInnis; Moar; Angus, Mahoney, Moore, Young, equal.

#### MAPPING.

*Second Year.*—*Class I.*—Cape; Haines. *Class II.*—Klein, Thomas, equal; Brown (T.); Cooper, Yeomans, equal; Mellor, Wykes, equal; Butlin, Williams, equal; Evans (D. E.), Manson, equal; Boissonnaut; Calder; Carbray, Southam, Wallace, equal; Morrison (C. W.); Frost, Jehu, Stobart, equal; Bouchard, Ogilvy, equal; Francis (J. Barten), Laing (D. A. S.), Wurtele, equal. *Class III.*—Hunter, Neville, equal; Laing (A. K.), Letch, Sprigings, equal; Davis, Jopling, Merrett, Tait, equal; Armstrong, Brown (J. A.), Carlisle, Collins, Montgomery (R. A.), equal; Acêna, Boak, equal; Doran, McCabe, Skelton, Sutton, equal; Blackford, Bowles, Hutchison (W. J. B.), Moxon, equal; Benard, Evans (E. N.), Griffiths, Hutchison (A. W.), equal; Butler, Gonzalez (G. A.), Hirsch, Morrison (T. J.), equal; Cantlon, Godfrey, Hulme, Redpath, Timm, equal; Abramowitz, Benny, Berger, Francis (J. Bryson), Goodman, Grenier, Hartney, O'Connell, equal; Hungerford; Berenstein, Embregts, Martin, equal; Rogers. *Unranked.*—Baker; Gonzalez (L. C.).

#### MATERIALS OF CONSTRUCTION.

*Second Year.*—*Class I.*—Francis (J. Barten); Thomas; Hirsch; Benard; O'Connell; Brown (J. A.), Hungerford, equal; Cosser, Haines, Mellor, Stobart, equal; Tait; Cape, Carbray, Klein, Ogilvy, Wykes, equal. *Class II.*—Acêna, Boak, Neville, Southam, Wallace, equal; Brown (T.), Butlin, Morrison (T. J.), Redpath, Rennie, Yeomans, equal; Calder, Hutchinson (W. J. B.), Moxon, Timm, equal; Bowles, Cooper, Davis, Williams, equal; Berger, Castle, Jehu, Hartney, Montgomery (W. B.), Wurtele, equal; Butler, Carlisle, Francis (J. Bryson), Jopling, equal. *Class III.*—Boissonnaut, Cantlon, equal; Evans (D. E.), Griffiths, Rogers, equal; Frost, Manson, equal; Benny, Embregts, Gonzalez (G. A.), Martin, equal; Sutton; Armstrong, Godfrey, Hutchison (A. W.), Skelton, Sprigings, equal; Abramowitz, Berenstein, Collins, Gonzalez (L. C.), Goodman, Hunter, Laing (A. K.), Laing (D. A. S.), McCabe, equal.

## MATHEMATICS.

## ALGEBRA.

*First Year.*—*Class I.*—Billette; Quinn; Hulme. *Class II.*—Clark (C. W.), Clarke (O. M.), equal; deMontigny; Pimenoff; Crain, King, equal; Bennett. *Class III.*—Skelly; Arcand, Brosseau, equal; Hines; Clarke (G. F.); MacGibbon; Holland; Smith; Cote, Cunningham, Ross, Savage, Thomson, equal; Masse, Schloen, equal; Cameron, Ferguson, equal; Crossland, Ellis, Hawley, Hutchison, Kotik, equal.

## ANALYTIC GEOMETRY.

*Second Year.*—*Class I.*—Cooper; Haines, Klein, equal; Butlin, Mellor, equal; Embregts; Benard; Brown (T.), Williams, equal; Wheatley; Butler; Carbray, Francis (J. Barten), Skelton, equal. *Class II.*—Hutchinson (W. J. B.), Neville, Yeomans, equal; Berger; Bowles, Wykes, equal; Laing (A. K.), Nolan, equal; Godfrey; Stobart; Hutchison (A. W.), Southam, Thomas, equal; Berenstein, Boak, Hirsch, Jehu, equal; Timm; Calder, Castle, Moxon, equal; Grenier, Hulme, equal. *Class III.*—Rennie; Letch; Armstrong, Davis, Wurtele, equal; Jopling, Manson, equal; Abramowitz, Hartney, Morrison (T. J.), equal; Benny; Gonzalez (L. C.); Evans (D. E.), McCabe, equal; Cape; Hunter, Ryan, equal; O'Connell, Tait, equal; Acêna, Boissonnault, Cosser, Gonzalez (G. A.), Griffiths, Hungerford, Sutton, equal.

## CALCULUS.

*Third Year.*—*Class I.*—Evans; Gavin; Crawford, Mahoney, equal; Manson. *Class II.*—Holmes. *Class III.*—Doberer; Stirling; Angus, Archibald, Clarke, Tremain, equal; Baldwin; Adams, Bell, Sozansky, equal; Budden, Chisholm, Young, equal.

*Second Year.*—*Class I.*—Cooper; Butlin; Benard; Klein. *Class II.*—Southam; Francis (J. Barten); Carbray; Haines; Godfrey; Wheatley; Mellor; Cantlon; Williams. *Class III.*—Gonzalez (G. A.), Manson, Wykes, equal; Berenstein, Embregts, equal; Sutton; Brown (T.), Hirsch, Timm, equal; Calder, Morrison (T. J.), Stobart, equal; Castle, Hutchinson (W. J. B.), equal; Abramowitz, Hartney, Rennie, equal; Brown (J. A.), Neville, equal; Armstrong; Thomas; Berger, Moxon, Wurtele, equal; Acêna, Jehu, Skelton, Wallace, Yeomans, equal.

## MECHANICS.

*Third Year.*—*Class I.*—Gavin; Doull, Holmes, equal; Crawford; Evans;  
*Class II.*—Chisholm, Lunn, Stirling, equal; Baker; Brown (C. B.);  
Archibald; Baldwin, Montgomery (H. R.), equal; Doherty; Hamil-  
ton, Johansen, Viberg, equal. *Class III.*—Brownell, Hare,  
Mahoney (L. D.), equal; Sozansky; Bell, Moar, equal; Magor; Low,  
Manson, Muller, equal.

*Second Year.*—*Class I.*—Wheatley; Mellor; Wykes; Thomas; Francis (J.  
Barten); Hutchinson (W. J. B.); Butlin, Moxon, Timm, equal.  
*Class II.*—Sutton; Cooper, Yeomans, equal; Laing (D. A. S.),  
Stobart, equal; Brown (T.), Martin, equal; Castle, Haines, equal;  
Godfrey, Morrison (T. J.), equal; O'Connell, Skelton, equal;  
Abramowitz, Rennie, Tait, equal. *Class III.*—Jopling; Berger;  
Armstrong, Dupont, equal; Neville; Benard; Boak, Cantlon, Evans  
(D. E.), equal; Redpath; Blachford, Bowles, Carbray, Davis,  
equal; Williams; Jehu, Ryan, equal; Wallace; Acêna, McCabe,  
equal; Calder, Cape, Gonzalez (L. C.), Laing (A. K.), Montgomery  
Wurtele, equal.

*First Year.*—*Class I.*—deMontigny; Pimenoff; Clark (C. W.), Clarke  
(O. M.), equal; Savage; Arcand. *Class II.*—Smith; Quinn; Masse;  
Hulme; Hines, Skelly, equal; Chaikin, Clark (J. R.), Schloen,  
equal; Holland; Crain, King, Thomson, equal; Ross; Billette,  
Crossland, Rosengarten, equal. *Class III.*—Clarke (G. F.); Ben-  
nett, Cote, Pascal, Saunders, equal; Cunningham; Cameron,  
Eliasoph, Ferguson, equal; Onions; MacGibbon; Fraser; Kotik;  
Brosseau, Supple, equal; Cropper, Hutchison, Pratt, equal; Dunlop,  
Ellis, equal; Donald, Hawley, Mountain, equal.

## SPHERICAL TRIGONOMETRY AND MENSURATION.

*First Year.*—*Class I.*—deMontigny; Billette; Clarke (O. M.); Hines;  
Masse; Pimenoff. *Class II.*—Arcand; Holland, Smith, equal;  
Ross; Bennett, Cote, equal; Cunningham, King, Kotik, Thomson,  
equal; Chaikin, Clark (C. W.), Rosengarten, Savage, equal; Crain;  
Hawley; Crossland; Pascal, Schloen, equal. *Class III.*—Clark  
(J. R.); Cameron, Ellis, equal; Donald; Oram; Ber; Clarke (G. F.);  
Quinn; Brosseau, Dunlop, Fraser, Latendre, McDunnough, Mac-  
Gibbon, Saunders, Supple, equal.

## TRIGONOMETRY (PLANE).

*First Year.*—*Class I.*—deMontigny. *Class II.*—Clark (C. W.); King;  
Hines; Donald, Smith, equal; Clarke (G. F.); Pimenoff; Clarke

(O. M.), Ellis, Skelly, equal; Bennett, Billette, Crain, Ross, equal; MacGibbon. *Class III.*—Cropper; Brosseau, Quinn, Valiquette, equal; Chaikin; Rosengarten, Savage, equal; Arcand, Cote, equal; Mountain; Hawley, Saunders, equal; Cunningham; Oram; Chambers, Clark (J. R.), Crossland, Holland, Jankowski, McDunnough, Masse, Monk, Pascal, Schloen, equal.

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MECHANICAL DRAWING

*Third Year.*—(*Mechanical Engineering Course*).—*Class I.*—Baker; Doull; McInnis. *Class II.*—Brownell; Lunn; Moar; Viberg; Doherty. *Class III.*—Taggart.

*First Year.*—*Class I.*—Schloen. *Class II.*—Holland; Ferguson, Hawley, equal; Supple; Hines; Ber, Clark (J. R.), Rosengarten, equal; Raether; Ellis, Shearwood, equal; deMontigny; Harquail; Arcand; Crain, Donald, Savage, equal. *Class III.*—Quinn; Ashkenazy, Bennett, Cote, Dunlop, Masse, Monk, Pimenoff, equal; Mountain; Chaikin, Cunningham, Jankowski, Oram, equal; King; Clark (C. W.); Clarke (G. F.); Clarke (O. M.), Skelly, equal; Pascal, Ross, equal; Cropper, Crossland, equal; Currie, Saunders, equal; Gersovitz, Lamoureux, Letendre, equal.

MECHANICAL ENGINEERING.

*Third Year.*—(*General Course*).—*Class I.*—Evans; Jacobsen; Hamilton, Sozansky, equal; Holmes, Mahoney, equal. *Class II.*—Aitken, Crawford, Reeve, equal; Montgomery; Cramp; Sheps; Adams, Chisholm, Eberts, Hare, equal; Archibald, Baldwin, equal; Brown (W. F.), Clarke, equal. *Class III.*—Gavin, Manson, Muller, equal; Stirling; Moore; Grant, Judson, Tremain, equal; Young; Weldon; Rosenbloom; Angus, Bell, Campbell, Waldie, equal.

*Third Year.*—(*Mechanical Engineering Course*).—*Class I.*—Baker; Doull, Lunn, equal. *Class II.*—Johansen; Brownell. *Class III.*—McInnis, Moar, Doherty, equal; Viberg; Taggart.

MECHANICS OF MACHINES.

*Fourth Year.*—*Class I.*—None. *Class II.*—Copping; Goddard; Brain. *Class III.*—None.

*Third Year.*—*Class I.*—Lunn; Doull. *Class II.*—Baker; Doherty; Johansen. *Class III.*—Brownell; Viberg; Taggart.

*Second Year.*—*Class I.*—Mellor; Carbray, Cooper, Francis (J. Barten) equal; Butlin; Yeomans. *Class II.*—Benard, Haines, equal;

Ogilvy; Calder, Embregts, Rennie, equal; Cape; Klein, Williams, equal; Wallace; Griffiths, Moxon, Skelton, equal; Wurtele; Boak; Evans (D. E.), Montgomery, Southam, Tait, equal. *Class III.*—Acêna, Berger, Martin, Neville, Timm, Wykes, equal; Morrison (T. J.); Armstrong, Castle, equal; Jehu, McCabe, equal; Brown (T.), Jopling, Stobart, Thomas, equal; Gonzalez (G. A.); Berenstein, Brown (J. A.); Davis, equal; Boissonnault, Carlisle, Manson, equal; Goodman, Sprigings, Sutton, equal; Hartney, Morrison (C. W.), equal; Bowles, Cosser, Gonzalez (L. C.), Nolan, O'Connell, equal; Hutchinson (W. J. B.); Cantlon, Hulme, equal; Frost, Hungerford, Hunter, Laing (D. A. S.), Redpath, equal.

#### METALLOGRAPHY.

*Fourth Year.*—*Class I.*—Bonthron; Hargrave. *Class II.*—None. *Class III.*—None.

#### METALLURGICAL ANALYSIS.

*Fourth Year.*—*Class I.*—Bonthron; Hargrave. *Class II.*—None. *Class III.*—None.

#### METALLURGICAL CALCULATIONS.

*Third Year.*—*Class I.*—Bonthron. *Class II.*—None. *Class III.*—None.

#### METALLURGICAL CALCULATIONS AND DESIGN.

*Fourth Year.*—*Class I.*—Hargrave. *Class II.*—None. *Class III.*—None.

#### METALLURGICAL COLLOQUIUM.

*Fourth Year.*—*Class I.*—Bonthron; Hargrave. *Class II.*—None. *Class III.*—None.

#### GENERAL METALLURGY.

*Fourth Year.*—*Class I.*—Bonthron; Hargrave; Brock. *Class II.*—Bray, Castle, Hay, equal. *Class III.*—Jones.

#### METALLURGY (ADVANCED).

*Fourth Year.*—*Class I.*—Bonthron; Hargrave. *Class II.*—None. *Class III.*—None.

#### ELEMENTARY METALLURGY.

*Third Year.*—(Chemical Engineering Course).—*Class I.*—Reeve. *Class II.*—Smith; Sheps; Campbell. *Class III.*—Rosenbloom.

## ELEMENTARY METALLURGY AND LABORATORY.

*Third Year.*—*Class I.*—None. *Class II.*—McNaughton; Wheatley; Waldie, Weldon, equal; Brown (W. F.), Judson, equal. *Class III.*—Barnes; Barrett.

## MINERALOGY.

*Third Year.*—*Class I.*—Brown (W. F.); Castle, Weldon, equal. *Class II.*—Judson; Waldie; Rosenbloom; Aitken; Reeve; Sheps. *Class III.*—McNaughton; Barrett; Cramp; Smith.

## MINERALOGY (DETERMINATIVE).

*Third Year.*—*Class I.*—Brown (W. F.); Weldon; Sheps; Waldie; Campbell. *Class II.*—Judson; McNaughton, Rosenbloom, equal; Barrett; Barnes, Castle, equal; Cramp. *Class III.*—Reeve.

## MINING COLLOQUIUM.

*Fourth Year.*—*Class I.*—Bray, Brock, equal. *Class II.*—Hay; Castle; Jones. *Class III.*—None.

## MINING ENGINEERING.

*Fourth Year.*—*Class I.*—None. *Class II.*—Bray; Brock; Castle. *Class III.*—Hay; Jones.

*Third Year.*—*Class I.*—None. *Class II.*—Brown (W. F.). *Class III.*—Weldon; Waldie; McNaughton; Barrett; Barnes, Judson, equal.

## MINING MACHINERY AND DESIGN.

*Fourth Year.*—*Class I.*—Bray, Brock, equal. *Class II.*—Castle; Hay. *Class III.*—Jones.

## MUNICIPAL ENGINEERING.

*Fourth Year.*—*Class I.*—Theobalds. *Class II.*—Patterson; Coleman; Rolph; Spratt; Dalton. *Class III.*—Donnelly.

## ORE DEPOSITS AND ECONOMIC GEOLOGY.

*Fourth Year.*—*Class I.*—Bray; Brock. *Class II.*—Castle; Jones; Hay. *Class III.*—None.

## ORE DRESSING AND LABORATORY.

*Third Year.*—*Class I.*—Brown (W. F.). *Class II.*—Weldon; Judson  
*Class III.*—Barrett; McNaughton, Waldie, equal; Barnes.

## ORE DRESSING LABORATORY AND THESIS.

*Fourth Year.*—*Class I.*—Brock; Bray. *Class II.*—Castle; Hay, Jones,  
equal. *Class III.*—None.

## ORE DRESSING AND MILLING.

*Fourth Year.*—*Class I.*—Brock. *Class II.*—Bray; Jones; Castle. *Class III.*—Hay; Hargrave.

## ADVANCED PETROGRAPHY.

*Fourth Year.*—*Class I.*—Brock. *Class II.*—Castle; Bray; Hay; Jones.  
*Class III.*—None.

## PETROGRAPHY AND LABORATORY.

*Fourth Year.*—*Class I.*—Brock; Bray. *Class II.*—Castle; Hay; Jones.  
*Class III.*—None.

## PHYSICS.

*Third Year.*—*Class I.*—Crawford; Doberer, Holmes, equal; Evans;  
Manson, Sozansky, equal. *Class II.*—Gavin; Adams, Hamilton,  
equal; Tremain; Mahoney; Young. *Class III.*—Archibald,  
Chisholm, equal; Bell, Moore, equal; Angus, Stirling, equal; Clarke;  
Eberts; Baldwin.

*Second Year.*—*Class I.*—Yeomans; Cooper; Benard; Francis (J. Barten);  
Carbray; Haines; Mellor; Stobart; Butlin; Brown (T.), Godfrey,  
Thomas, equal. *Class II.*—Wykes; Southam; Morrison (T. J.),  
Sutton, equal; Manson; Hutchinson (W. J. B.), Klein, equal;  
Berger, Neville, equal; Skelton; Boak, Cape, Collins, Cosser, equal;  
Berenstein, Carlisle, equal; Blachford, Hirsh, Laing (A. K.), equal;  
Bowles, Castle, Laing (D. A. S.), Rennie, equal. *Class III.*—  
Embregts, Wallace, Williams, equal; Calder, Griffiths, Letch, equal;  
Boissonnault, Gonzalez (L. C.), Wurtele, equal; Jehu, Timm, equal;  
Acêna; Hartney, Hutchison (A. W.), McCabe, equal; Frost; Evans  
(D. E.), Goodman, Jopling, Ogilvy, Redpath, Tait, equal; Brown  
(J. A.); Hungerford; Francis (J. Bryson); Moxon; Gonzalez (G. A.),  
Nolan, equal; Benny, Cantlon, Martin, Montgomery (W. B.),  
O'Connell, equal.



*First Year.*—*Class I.*—deMontigny; Billette, Quinn, equal. *Class II.*—Hines; Pimenoff; Schloen; Clark (C. W.), Fraser, Ross, equal; Hawley; Arcand, King, Smith, equal. *Class III.*—Masse; Clarke (G. F.); Clarke (O. M.); Crain; Cropper, Kotik, equal; Bennett, Skelly, Thomson, equal; Oram; Clark (J. R.); Raether; Cameron, Chaikin, Hutchison, MacGibbon, equal; Ber; Crossland, Ellis, Lamoureux, Mountain, Parish, Supple, equal.

## POWER PLANT DESIGN.

*Fourth Year.*—*Class I.*—None. *Class II.*—Goddard; Mitchell; Brain, Copping, equal; Jehu. *Class III.*—Minnes; Miller.

## RAILWAY ENGINEERING (No. 92).

*Third Year.*—*Class I.*—None. *Class II.*—Hare; Stadler; Montgomery, Slattery, equal. *Class III.*—Jacobsen; Muller; Ryder; Grant.

## RAILWAY ENGINEERING (No. 93).

*Third Year.*—*Class I.*—Ryder; Montgomery; Hare. *Class II.*—Jacobsen; Muller; Slattery. *Class III.*—Grant; Stadler.

## SANITARY SCIENCE.

*Third Year.*—*Class I.*—Muller. *Class II.*—Hare; Montgomery, Slattery, equal. *Class III.*—Ryder; Stadler; Jacobsen; Grant.

## SHOPWORK.

*Fourth Year.*—*Class I.*—None. *Class II.*—Goddard; Jehu; Brain, Mitchell, equal; Minnes. *Class III.*—Copping.

*Third Year.*—*Class I.*—None. *Class II.*—McInnis; Doull, Wheatley, equal; Baker, Johansen, Lunn, equal; Moar; Brownell. *Class III.*—Doherty; Viberg; Taggart.

## STRENGTH OF MATERIALS.

*Fourth Year.*—*Class I.*—Spratt. *Class II.*—Dalton. *Class III.*—Donnelly, Theobalds, equal.

*Third Year.*—*Class I.*—Evans, Lunn, equal; Chisholm; Jacobsen. *Class II.*—Doull; Crawford; Baker, Reeve, equal; Mahoney; Gavin; Aitken; Bell, Sheps, Sozansky, equal; Johansen; Holmes; Hamilton, Montgomery, equal; Brownell, Campbell, Doherty, Muller, Tremain, equal. *Class III.*—Archibald; Doberer; Hare; Cramp, Taggart, equal; Weldon; Baldwin; Barrett, Grant, Manson, Viberg, equal; Brown (W. F.); Adams, Moore, equal; Angus, Eberts, equal; Stirling.

## STRUCTURAL ENGINEERING.

*Third Year.—Class I.*—Lunn; Patterson; Jacobsen; Montgomery. *Class II.*—Doull, Reeve, equal; Doherty; Muller; Barrett; Hare, Sheps, equal; Baker; Aitken, Viberg, Weldon, equal; Brown (W. F.); Campbell, Grant, equal; Brownell, Taggart, equal. *Class III.*—Johansen; Ryder; McInnis; Moar, Smith, equal; Rosenbloom; Cramp.

## SUMMER ESSAYS.

*Fourth Year.—(Chemical Engineering Course).*—*Class I.*—Noble, Taylor, equal. *Class II.*—McConvry; MacCarthy; Ketchen; Feiner. *Class III.*—Laporte; Pangman.

*Fourth Year.—(Civil Engineering Course).*—*Class I.*—Rolph; Theobalds. *Class II.*—Coleman, Low, Patterson, equal; Dalton, Spratt, equal. *Class III.*—Donnelly.

*Fourth Year.—(Electrical Engineering Course).*—*Class I.*—Benjamin; Dawe, Wyse, equal; Pope; Fong. *Class II.*—Nightingale; Gagnon, Rhodes, equal; Richardson; Bedee; Smith; Perley; Durley; Boyd; Buchanan; Groleau; Fulton; Palmer; Cole; Godwin. *Class III.*—Abbott; Sykes; DelMotte; Lyons; Heney; Bellew; Curtis; Mahoney (H. R.).

*Fourth Year.—(Mechanical Engineering Course).*—*Class I.*—Goddard. *Class II.*—Copping, Miller, equal; Jehu; Mitchell. *Class III.*—Minnes. *Unranked.*—Brain.

*Fourth Year.—(Metallurgical Engineering Course).*—*Class I.*—Hargrave. *Class II.*—None. *Class III.*—None.

*Fourth Year.—(Mining Engineering Course).*—*Class I.*—None. *Class II.*—Brock; Castle, Jones, equal; Bray. *Class III.*—Hay.

*Third Year.—(Civil Engineering Course).*—*Class I.*—None. *Class II.*—Montgomery; Jacobsen; Hare, Ryder, equal. *Class III.*—Stadler.

*Third Year.—(Electrical Engineering Course).*—*Class I.*—Hamilton. *Class II.*—Bell; Archibald, Clarke (F. E.), Doberer, equal; Moore, Sozansky, Stirling, equal. *Class III.*—Apter, Young, equal.

*Third Year.—(Mechanical Engineering Course).*—*Class I.*—None. *Class II.*—Doull; Irvine, Johansen, equal; Brownell, Viberg, equal; Brown (C. B.); Baker, Lunn, equal. *Class III.*—McInnis.

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

*Third Year.—(Mining Engineering Course).*—*Class I.*—Weldon. *Class II.*—Waldie; Brown (W. F.). *Class III.*—McNaughton.

## SUMMER READING.

*Third Year.*—*Class I.*—Wheatley. *Class II.*—Sheps; Manson; Taggart; Smith (G. C.); Campbell, Chisholm, Rosenbloom, equal. *Class III.*—Tremain; Crawford; Doherty; Nation; Adams, Angus, Eberts, equal.

*Second Year.*—*Class I.*—O'Connell; Carbray, Hirsch, equal; Haines; Godfrey; Hutchison (A. W.). *Class II.*—Laing (A. K.), Manson, equal; Skelton; Abramowitz, Francis (J. Barten), Jehu, Redpath, equal; Brown (J. A.), Butlin, Dupont, Jopling, Neville, Ogilvy, equal; Francis (J. Bryson); Brown (T.), Embregts, Evans (D. E.), Evans (E. N.), Frost, Hutchinson (W. J. B.), Mellor, Rennie, Wykes, equal; Armstrong, Benard, Benny, Klein, equal; Berger, Boissonault, Cooper, McCabe, Southam, equal. *Class III.*—Bowles, Cantlon, Letch, Morrison (C. W.), Stobart, Tait, equal; Blachford, Boak, Yeomans, equal; Berenstein, Edey, Nolan, Williams, equal; Collins, Gonzalez (G. A.), Hartney, Wurtele, equal; McConnell; Acêna, Butler, Cape, Carlisle, Ryan, equal; Goodman, Grenier, Martin, Morrison (T. J.), Wallace, equal.

## SUMMER SCHOOLS.

*Fourth Year.*—(*Geodetic Fieldwork*).—*Class I.*—Theobalds. *Class II.*—Patterson; Coleman, Dalton, equal. *Class III.* Spratt; Donnelly.

*Fourth Year.*—(*Metallurgical Field School*).—*Class I.*—Hargrave. *Class II.* None. *Class III.*—None.

*Fourth Year.*—(*Mining Field School*).—*Class I.*—Castle; Brock. *Class II.*—Bray, Jones, equal; *Class III.*—Hay.

*Third Year.*—(*Inorganic Qualitative Analysis*).—*Class I.*—Judson. *Class II.*—Campbell, Reeve, equal; Rosenbloom. *Class III.*—Smith (G. C.).

*Third Year.*—(*Inorganic Qualitative Analysis Laboratory*).—*Class I.*—None. *Class II.*—Rosenbloom; Campbell; Reeve; Smith (G. C.). *Class III.*—Judson.

*Third Year.*—(*Summer School Shopwork*).—*Class I.*—None. *Class II.*—Lunn; Doherty; Wheatley. *Class III.*—Bennett; Taggart.

## SURVEYING.

*Third Year.*—(*Civil Engineering Course*).—*Class I.*—None. *Class II.*—Muller; Grant. *Class III.*—Hare, Jacobsen, equal; Montgomery; Stadler; Ryder.

*Third Year.*—(*Mining Engineering Course*).—*Class I.*—None. *Class II.*—Brown (W. F.); Barrett; Weldon. *Class III.*—Waldie; Judson; Barnes; McNaughton.

*Second Year.*—*Class I.*—Cooper; Mellor; Wykes; Carbray; Francis (J. Barten), Hartney, Williams, equal; Butlin; Southam; Acêna, Cantlon, Haines, equal. *Class II.*—Jehu; Morrison (T. J.), Redpath, equal; Hutchinson (W. J. B.); Baker, Sutton, Thomas, equal; Gonzalez (G. A.), Goodman, Hunter, Montgomery (R. A.), Neville,

Nolan, Tait, equal; Armstrong, Berger, Doran, Jopling, equal; Yeomans; Butler, Calder, Embregts, Montgomery (W. B.), equal; Berenstein; Klein; Benard, Boak, McCabe, Stobart, equal; Evans (D. E.), O'Connell, equal; Hirsch, Timm, equal. *Class III.*—Hutchison (A. W.), Rogers, Skelton, Wurtele, equal; Boissonnault, Carlisle, Davis, Rennie, equal; Brown (J. A.), Moxon, Sprigings, equal; Letch, Wallace, equal; Godfrey, Gonzalez (L. C.), Martin, Ogilvy, equal; Francis (J. Bryson); Bowles; Abramowitz; Morrison (C. W.); Frost, Laing (A. K.), equal; Blachford; Cape, Cosser, Griffiths, equal; Brown (T.), Grenier, Merrett, equal; Benny, Bouchard, Evans (E. N.), Ryan, Taylor, equal.

#### SURVEYING FIELDWORK.

*Third Year.*—*Class I.*—Montgomery; Denny; Hare. *Class II.*—Jacobsen, Nation, equal; Brown (W. F.); Waldie; Weldon; Stadler. *Class III.*—Camplong; Collin; Callaghan. *Unranked.*—Donnelly.

*Second Year.*—*Class I.*—Cooper, Stobart, equal; Evans (D. E.); Ogilvy, Wallace, Wykes, equal; Mellor; Bouchard; Sutton, Thomas, equal. *Class II.*—McNaughton, Morrison (C. W.), equal; Butler; Wurtele; McConnell, Merrett, equal; Montgomery (R. A.), Southam, equal; Cote, McCabe, equal; Butlin, Cantlon, Cosser, Doran, equal; Hutchinson (W. J. B.), Yeomans, equal; Boak, Hungerford, equal; Carlisle, Redpath, equal; Benny, Francis (J. Bryson), Manson, Morrison (T. J.), equal; Haines, Neville, Williams, equal; Benard, Berenstein, Godfrey, Hirsch, equal; Carbray, Evans (E. N.), Francis (J. Barten), Jehu, Jopling, Klein, Laing (A. K.), Moxon, Sprigings, equal. *Class III.*—Acêna, DesBrisay, equal; Frost, O'Connell, Rogers, Skelton, equal; Boissonnault, Brown (J. A.), Laing, (D. A. S.), MacGregor, Martin, equal; Abramowitz, Berger, Goodman, Ryan, equal; Hartney; Blachford, Bowles, Tait, equal; Brown (T.), Embregts, equal; Sissons; Hutchison (A. W.); Gonzalez (G. A.); Nolan; Crossland, Decarie, Giannetti, Letch, equal. *Unranked.*—Armstrong; Baker.

#### THEORY OF STRUCTURES.

*Fourth Year.*—*Class I.*—Dalton. *Class II.*—Coleman; Spratt; Theobalds. *Class III.*—Rolph.

#### THERMODYNAMICS.

*Fourth Year.*—*Class I.*—None. *Class II.*—None. *Class III.*—Goddard, Miller, equal; Copping; Jehu; Brain.

*Third Year.*—*Class I.*—Doull; Evans; Doberer, Sozansky, equal; Hamilton; Lunn; Taggart; Doherty, Gavin, equal. *Class II.*—Baker; Manson; Young; Angus; Archibald; Mahoney. *Class III.*—Johansen, Viberg, equal; McInnis; Tremain; Brownell, Stirling, equal; Adams, Baldwin, Bell, Crawford, Holmes, equal.