

Carl Edward Magnusson photograph collection, 1905-1951

Overview of the Collection

Collector	Magnusson, Carl Edward, 1872-1941
Title	Carl Edward Magnusson photograph collection
Dates	1905-1951 (inclusive) 1905 1951 1936-1948 (bulk) 1936 1948
Quantity	1.05 cubic feet (4 boxes) 176 negatives (2 boxes) ; various sizes 178 photographs (2 boxes) ; various sizes
Collection Number	PH0648
Summary	Views of the classes, laboratories and equipment of the University of Washington Engineering College
Repository	University of Washington Libraries, Special Collections Special Collections University of Washington Libraries Box 352900 Seattle, WA 98195-2900 Telephone: 206-543-1929 Fax: 206-543-1931 speccoll@uw.edu
Access Restrictions	Collection is open to the public.
Additional Reference Guides	
Languages	English

Biographical Note

Carl Edward Magnusson was a professor of electrical engineering at the University of Washington from 1904-1941; his main interest was in hydroelectric power in Washington. Magnusson's appointment to full professor is considered to mark the start of the Department of Electrical Engineering as an independent unit on campus. He was department chair from 1906-1917 and Dean of the Engineering College from 1917-1929. Magnusson believed in having a close relationship with industry and had practicing engineers lecture in his classes. In about 1910 he took a leave of absence for two years to work for the General Electric Company. As a result of his working relationship with GE, the company donated an electric oscillograph in 1913, which lead to the development of a course in electric transients, possibly the first such course to be offered in an American college. In 1919 he proposed building a 230-kv line from the Canadian border to Los Angeles, connecting the three state region; the idea was eventually put into place many years later. A 1932 issue of the University of Washington newspaper noted that Magnusson had won international fame for his studies of Lichtenberg figures.

During the 1930s, he also served as an advisor on the construction of the Grand Coulee Project on the Columbia River.

Carl Magnusson died in 1941.

Content Description

Views of the classes, laboratories and equipment of the University of Washington Engineering College between 1921 and 1951, engineering exhibits at the Puyallup Fair, and electrical power projects for Baker River, Chelan Station, Lake Cushman, Hungry Horse Dam and other places. The collection includes materials that were created after Magnusson's death.

Use of the Collection

Alternative Forms Available

[View selections from the collection in digital format](#)

Restrictions on Use

Restrictions may exist on reproduction, quotation, or publication. Contact Special Collections, University of Washington Libraries for details.

Administrative Information

Acquisition Information

Donor: Floyd D. Robbins, 1972.

Processing Note

Processed by Paul Nasenbeny, 2004 and Marion Brown, 2009.

Unprinted negatives have been scanned and printed.

The photographs were relocated from the Carl Edward Magnusson Papers, Acc. No. 1793-001 in the repository, in 1982.

Detailed Description of the Collection

University of Washington Electrical Engineering Department

Container(s)		Description	Dates
Electrical Engineering Classes			
Box/ Folder	Item		
1/1	1a	The first electrical engineering field trip [view]	circa 1905
1/1	1b	Spring class on alternating currents taught by R.E. Lindblom [view] From accompanying material: L. to R. Top Row: D.F. Anstett, W.B. Garn, J.D. Harisberger, A. Watton, J.R. Whitman, E.C. McIntosh, P. Krook, R.A. Forde, H.M. Swarm, R.J. Hart. Bottom Row: G.D. Osterud, J.W. Harman, J.L. Lambrecht, D.E. Edwards, G.W. Faurot, H.H. Koski, J.M. Gaffney, G.J. Skomerza, Professor R.E. Lindblom	1937
1/1	2	Winter class on alternating currents taught by R. E. Lindblom [view] From accompanying material: L. to R. Top Row: B.L. Havens, E.A. Grankull, J.R. Anderson, F.B. Nather, L. D. Bresolin, N.T. Sandstedt, G.K. Nojiri. Bottom Row: S.W. Oliver, C. Burson, C.W. Goodrich, R.W. Griffiths, P.O. Vulliet, E.R. Kennedy, Professor R. E. Lindblom	1937
1/1	3	Winter class on alternating currents taught by L.B. Cochran [view] From accompanying material: L. to R. Top Row: B. Evans, W. Harisberger, J.M. Webster, G.D. Sheckels, J. Cohen. Bottom Row: M.R. Conner, J.W. Pruett, L.V. Steinke, W. Lindsey, S.L. Pugel, W.T. Harrold, Professor L.B. Cochran	1937
1/2	4	Spring quarter class on alternating currents taught by Edgar A. Loew [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: S.K. Burd, R.K. Walker, D.E. Westby, R.M. Gilbert, E.E. Shelton, B. W. Weber, C.C. Hahn, R.S. Seymor. Bottom Row: U. Yorioka, W.H. Barnes, J.R. Benjamin, J.B. Reed, R.L. Pangburn, J.T. Conn, Professor E.A. Loew	1938
1/2	5	Winter quarter class on alternating currents taught by L. B. Cochran [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: H. Kurose, R.W. Paulson, E. Shukovsky, Y. Munakata, C.B. Lee, H.R. Guptill. Bottom Row: V.L.	1938

Container(s)	Description	Dates
	Palmer, D.G DeCoursey, W.W. Wells, K.R. Dennis, C.M. Mushkin, Professor L.B. Cochran	
1/2 6	Winter quarter class on alternating currents taught by R.E. Lindblom [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: E. G. Newsom, Henry Straub, J.L. Eitel, H.E. Aldridge, H.E. Mitchell, T.W. Jeffs, R.R. Van Voorhis. Bottom Row: L.A. Dunstan, J.H. Skog, F.M. Treffinger, G.E. Sylvester, A.B. Jacobsen, Professor R.E. Lindblom	1938
1/3 7	Spring quarter class on alternating currents taught by R.E. Lindblom [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: A.I. Chalfant, C.E. Hunstad, B. Brackett, J.C. Firey, S.E. Edelstein. Bottom Row: J. Rollefson, R.D. Galloway, D.F. Higgenbotham, G.V. Anderson, R.R. McFadden, Professor R.E. Lindblom	1939
1/3 8	Winter quarter class on alternating currents taught by G.L. Hoard [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: B.G. Lind, D.C. Cook, R.S. Crawford, G.G. Smith, P.A. Pearson, H.M. Smedstad, L.J. Alexander. Bottom Row: S.K. Burd, W.M. Hammerschmith, J.E. Hogg, F. Thompson, P.S. Hedene, J.P. Jones, W.A. Field, Professor G.L. Hoard	1939
1/3 9	Winter quarter class taught by R.E. Lindblom [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: G. E. James, R.J.M. Lycksell, H.J. Shaw, G.K. Peters, A.O. Torget, F.S. Preston, C.A. Sedam. Bottom Row: W.H. Bryant, C.W. Swain, R.W. Lantz, V.H. Bush, D.C. Peterson, R.L. Skone, M.S. Hale, Professor R.E. Lindblom	1939
1/4 10	Spring quarter class taught by G.S. Smith [view] Scan from the negativeFrom accompanying material: L. to R. R.E. Lee, J.R. Jerviss, E.E. Hekkanan, E.J. Warchol, P.J. Komen, A.B. Powers, J.L. Shreve, J.M. Telford, W.E. Wikstrom, M. Bean, B.F. DuBois, B.F. Harrell, F.L. Strum, B.R. Dawson, J.A. Tudor, B.G. Lindberg, N. Jacobus, C.V. Larson, W.D. Paterson, W.N. Twelves, R.W. Illman, Professor G.S. Smith	1940
1/4 11	Winter quarter class taught by G.R. Shuck [view]	1940

Container(s)	Description	Dates
	Scan from the negativeFrom accompanying material: L. to R. Top Row: W.B. Smith, T.V. Zaloudek, T.C. Ashleman, M.B. Walker, T.D. Bender, H.J. Winsor, W.E. Meneley. Bottom Row: R.J. Dorwart, J.Y. Fujihira, G.F. Moon, T. Muramoto, E.A. Knudsen, K. Nakahiro, D.A. Foote, Professor G.R. Shuck	
1/4	12a-b Winter quarter class taught by R.E. Lindblom [view] Scan from negative 12aFrom accompanying material: L. to R. Top Row: A.D. Cole, C.F. Eberstein, D.J. Gjesdahl, P.B. Tack, B.J. Winter, C.L. Rehkoph, R.J. Nunner. Bottom Row: P.B. Holden, T.H. Murphy, H.E. Davies, O.O. Pardee, M.W. Alnutt, C.J. Coffin, W.O. Geisert, J.C. Laush, Professor R.E. Lindblom	1940
1/4	13 Winter quarter taught by G.L. Hoard [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: R.A. Nova, G.J. Schafer, R.E. Lee, J.H. Spencer, K.A. Moore. Bottom Row: J.R. Curtain, Y. Mukai, L.S. Sherman, C.S. Noritake, R.B. Gallup, Professor G.L. Hoard	1940
1/5	14a-b Spring quarter class taught by G.L. Hoard [view] Scan from negative 14aFrom accompanying material: L. to R. Top Row: J. Reddie, C.B. Wilson, N. Arnold, W.J. Linder, R.E. Frink, R.W. Mac Williams. Bottom Row: R.L. Simmonds, R.E. Wilcox, C.M. Gilbert, M. Kaminoff, R.V. Harris, J.H. Foster, Professor G.L. Hoard.	1941
1/5	15 Winter quarter class taught by R.E. Lindblom [view] Scan from the negativeFrom accompanying material: L. to R. G. Anderson, R.H. Shipek, G.E. Deal, O.R. Christensen, R.L. Boothroyd, L. D. Garnett, J.J. Losey, W.W. Hicks, R.H. Hogle, Professor R.E. Lindblom	1941
1/5	16 Winter quarter class taught by G.R. Shuck [view] Scan from the negativeFrom accompanying material: L. to R. H.L. Rehkopf, D.T. Drake, M.R. Wood, L.C. Osen, W.L. Flock, S.A. Nelson, C.S. Bartholomew, Professor G.R. Shuck	1941
1/6	17 Spring quarter class taught by G.L. Hoard [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: G.W. Faris, D.L. Wylie, J.B. McDonald, J.W. Ward, J.J. Stein, C.K. Juhola. Bottom Row: M.L. Palmquist, S.E. Cornelius, E.E. Greene, W.H. Johnson, R.E. McNeal, R.A. Peters, Professor G.L. Hoard	1942

Container(s)	Description	Dates
1/6 18	Summer quarter class taught by G.R. Shuck [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: J.W. McCoy, G.C. Winsor, R.E. Pederson, J.R. Mitchell, G.R. Strandberg, S.D. Overby. Bottom Row: B.F. Bain, A.R. Harmon, I.M. Jacobs, A.R. True, Professor G.R. Shuck.	1942
1/6 19	Winter quarter class taught by G.R. Shuck [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: J.J. Wedel, R.E. Wilcox, K.W. Schmoe, J.R. Bennett, R.D. Donley, I.S. St. John, J. McIntyre. Bottom Row: H. Adolphson, B. Nakasone, G.W. Faris, M.H. Brockman, R.O. Petrick, H.V. Nelson, Professor G.R. Shuck	1942
1/7 20	Summer through fall quarter class taught by G.R. Shuck [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: T.J. Cross, F.C. Bruya, G.R. Rehkopf, M.W. Rosen, I.J. Stampalia, E.F. Magnusson, R.E. Hull, K.C. Anderson. Bottom Row: C.A. Johnson, R.Bacchi, W.J. Smith, D.E. Fisher, M.L. Gibbs, E.Peck, D.C. Rogers, Professor G.R. Shuck	1943
1/7 21	Winter quarter class taught by Edgar A. Loew [view] Scan from the negativeFrom accompanying material: L to R. Top Row: W. C. Galloway, W.A. Harman, T.E. Ellis, R.L. Shahan, G. Bull, D.F. Hepp, W. Tustin. Bottom Row: R.L. Haug, E.M. Thompson, A.V. Gangnes, R.A. Magnuson, L. Elliott, I.W. Lee, Professor E.A. Loew	1943
1/7 22	Winter quarter class taught by G.S. Smith [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: W.C. Schermer, K.W. Thomas, G.B. Roger, R.W. Hunziker, M.M. Bemis, R. Swanberg. Bottom Row: R. Erickson, J.A. Ziebarth, R.H. Holt, D.R. Brown, F.C. Stewart, G.J. Loomis, Professor G.S. Smith.	1943
1/7 23	Summer through Fall quarter class taught by G.L. Hoard [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: W.G. Kelley, V.H. Grgurinovitch, W.R. Garland, S.B. Hammond, T.A. Jones, J.A. Dinnetz, F.R. Hedding, R.L. Holmes, D.C. Olson, L.C. Hawkes, D.L. Dye. Bottom Row: J.A. Gregg, J.H. Miller, M.E. Ives, T.P.	1944

Container(s)	Description	Dates
	Price, R.E. Connally, J.A. Murphy, J.A. O'Hearne, A.P. Keno, Professor G.L. Hoard	
1/7 24	Winter class taught by V.C. Palmer [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: R.J. Murray, G.C. Martin, L.F. Garton, P. McMurray, C.T. Matson, R.E. Osgood, J.E. Jones, JF. Burdon, R.D. Burnett. Bottom Row: R.E. Jones, D.W. Smyth, D.E. Stewart, H.E. King, J.I. Sweeney, D.E. Black, J.D Burr, J.W. Richardson, Fitzpatrick, Professor V.C. Palmer.	1944-1945
1/7 25	March through June semester class taught by L.B. Cochran [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: G.E. Bockmier, S. Damis, R.V. Longe, R.J. Ringlee, H.C. Vivian, R.C. Small. Bottom Row: G.D. Hall, E.T. O'Sullivan, R. Shank, D.W. Sartwell, V.T. Francis, R.E. Wilhite, Professor L.B. Cochran	1945
1/7 26	March through June semester class taught by W.R. Hill [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: G. Zoret, R.E. Gill, M. Head, J.S. Black, C.J. Nordstrom, D.D. Young, D.D. Whyte, C.E. Sorensen. Bottom Row: R.L. Riese, T.D. Fuller, R.F. Athow, H.T. Fogelquist, R.J. Pascoe, W.A. Autio, D.L. Pastell, A.L. Schiffmann, Professor W.R. Hill	1945
1/7 27	July through October class taught by A.V. Eastman [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: R.J. Thomas, S.F. Miller, W.L Holmes, R.J. Whiting, K.C. Steurnagel, D.M. Anselm, T.W. Irwin, C.W. Clay, J.P. Goodfellow. Bottom Row: D.W. Worf, D.W. Morrison, J.A. Gonnason, D.W. Nelson, E.E. Bolles, L.C. Sutherland, O.R. Meyer, L.M. Patten, Professor A.V. Eastman.	1945
1/8 28	Summer quarter class taught by R.E. Lindblom [view] Scan from the negativeFrom accompanying material: L. to R. Top Row: B.J. Roberts, B.L. Harris, R. Osterman, H.L. Fritz, J.H. Fisher, D.L. Pastell. Bottom Row: W.E. Brugman, M.R. Wood, D.P. Timo, H.M. Willey, D.D. Whyte, Professor R.E. Lindblom	1946
1/8 29	Winter quarter class taught by R.E. Lindblom [view]	1947

Container(s)	Description	Dates
	Scan from the negative From accompanying material: L. to R. Top Row: C.W. Carpenter, D.M. Langston, R.W. Wall, H.R. Maine, G.H. Hage, R.A. Wilson, H.J. Engebretson, R.L. Hurtle. Bottom Row: (Negative is torn) Shelton, J.A. Gonnason, B.S. Yapple, J.D. Cockrell, W.P. Jackson, L.M. Dowling, Professor R.E. Lindblom	
1/9 30-31	Unidentified class	circa 1930s
1/10 32	Unidentified class of four men in Navy uniforms Scan from the negative	circa 1940s
1/10 33	Unidentified class in uniform taught by A.V. Eastman Scan from the negative	circa 1942
1/10 34	Unidentified class taught by R.E. Lindblom Scan from the negative	circa 1948
1/10 35	Unidentified class taught by R.E. Lindblom	circa 1948

Buildings and Equipment

Container(s)	Description	Dates
	<p>Laboratories in the Old Engineering Hall Engineering Hall was built as Machinery Hall for the Alaska-Yukon-Pacific Exposition in 1909. Following the AYPE, the building was used by the departments of Mechanical and Electrical Engineering. It was torn down in 1957 and replaced by the Mechanical Engineering Building.</p>	
Box/ Folder	Item	
1/11 36	Shelves of field rheostats	circa 1908-1957
1/11 37	Shelves of weights or batteries	circa 1908-1957
1/11 38	Shelves of scales, water cans and solenoids, and a battery charging station	circa 1908-1957
1/11 39	Shelves of scales, terminal boards and inductance coils	circa 1908-1957

Container(s)	Description	Dates
1/12 40	Interior of the Electrical Lab	January 11, 1916
1/12 41-42	Interior of the Electrical Lab [view]	circa 1928
1/12 43	Interior of the Electrical Lab showing D.C. Sec. 9 & 11	after 1928

Photographs of Architectural drawings of the Electrical Engineering Building

The Electrical Engineering Building was built in 1948, with the exception of the fourth floor that was added in 1972

Box/ Folder	Item		
1/13 44	Basement		circa 1948
1/13 45	Basement generator room		circa 1948
1/13 46	Roof and penthouse		circa 1948
1/13 47	D.C. Machinery Lab		circa 1948

Electrical Engineering Building Construction

Box/ Folder	Item		
1/14 48-49	Cars in a dirt lot Scan from the negative		circa 1948
1/14 50	Site following excavation Scan from the negative		circa 1948
1/14 51-52	Framing support pillars Scan from the negative		circa 1948
1/14 53	Basement construction with piles of lumber Scan from the negative		circa 1948
1/14 54-56	Framing the basement and first floor [view] Scan from the negative		circa 1948
1/14 57-63	Pouring concrete for the first floor		circa 1948

Container(s)	Description	Dates
	Scan from the negative	
1/14 64-67	Framing the second floor Scan from the negative	circa 1948
1/14 68-69	Third floor construction Scan from the negative	circa 1948
1/14 70-73	Interior Construction Scan from the negative	circa 1948

Exterior views of the Electrical Engineering Building

Box/ Folder	Item		
1/15	74	Exterior during construction James O. Sneddon, University of Washington (Photographer)	circa 1948
1/15	75-77	Exterior views James O. Sneddon, University of Washington (Photographer)	undated
1/15	78	Exterior view of a stairwell James O. Sneddon, University of Washington (Photographer)	undated
1/15	79	View from inside a stairwell to another stairwell James O. Sneddon (Photographer)	undated
1/15	80-81	Exterior views	undated

Alternating Current Machinery Lab

Box/ Folder	Item		
1/16	82-89	Interior views of the Alternating Current Machinery Lab	circa 1948
1/16	90-91	Interior view of the Alternating Current Machinery Lab Lab Scan from the negative	circa 1948
1/16	92	Students in the Alternating Current Machinery Lab	circa 1948

Container(s)		Description	Dates
		James O. Sneddon, University of Washington (Photographer)	
Direct Current Machinery Lab			
Box/ Folder	Item		
1/17	93	Interior of the DC Machinery Lab Scan from the negative	circa 1948
1/17	94-95	Students in the DC Machinery Lab [view] James O. Sneddon, University of Washington (Photographer)	circa 1948
1/17	96-97	Students in the DC Machinery lab E.F. Marten (Photographer)	circa 1948
1/17	98	Interior of the DC Machinery lab	undated
1/17	99-101	Equipment in the DC Machinery lab	undated
Unidentified location			
Box/ Folder	Item		
1/18	102-104	Panels, possibly in the basement	undated
1/18	105	Possibly the Radio lab Scan from the negative	undated
1/18	106	Students in the Radio lab [view] James O. Sneddon, University of Washington (Photographer)	undated
1/18	107	Interior of a laboratory	undated
Electrical Engineering Equipment Diagrams			
Box/ Folder	Item		
1/19	108	Circuit Diagram of A.C. Machinery Laboratory Switchboard	undated

Container(s)		Description	Dates
1/19	109	Circuit Diagram of typical AC Testing section in the AC Machinery Laboratory	undated
1/20	110-111	Connection diagram of AC Alternator	undated
1/21	112-113	Diagram of AC Ammeter and Wattmeter Shorting Device	undated
1/22	114	Photograph of a D.C. Ammeter	undated
1/22	115	Diagram of an Artificial Transmission Line Data Scan from the negative	undated
Box			
4	116	Automatic switches 1 : Negative	undated
Box/ Folder			
1/23	117	Sectional view of Battery	undated
1/23	118	Diagram of Delta Connected Capacitor Scan from the negative	March 22, 1946
1/24	119	Diagram of Direct-Acting Generator-Voltage Regulator	undated
1/25	120	Diagram of D.C. Ammeter Shunt Box	undated
1/26	121	Circuit Diagram of D.C. Machinery Laboratory Switch Board Scan from the negative	undated
1/26	122	Circuit Diagram of Typical D.C. Testing Section. D.C. Machinery Laboratory	undated
1/27	123	Photograph of Drive Shaft	undated
1/27	124	Electrodynamometer Type Meter Scan from the negative	undated
1/27	125	Wiring Diagram of a Flynn Weischel Motor Scan from the negative	undated

Container(s)		Description	Dates
1/28	126	Circuit Diagram for Operation of a Flynn Weichsel M.G. Set	undated
1/29	127	Galvanometer system	undated
1/29	128	Hot Wire and Electrostatic Type Meters Scan from the negative	undated
1/30	129	Ignition Rectifier Circuit Diagram	undated
1/30	130	Loading Unit Circuit Diagram Scan from the negative	undated
1/30	131	D'Arsonval Permanent Magnet Type Meter Scan from the negative	undated
1/30	132	Three types of meters Scan from the negative	undated
1/30	133	Diagram of motor Scan from the negative	undated
1/31	134	Diagram of Ohm Milliammeter	undated
1/31	135	Diagram of Permanent-Magnet Moving-Coil Mechanism Scan from the negative	undated
1/31	136	Diagram of Phase Sequence Meter Scan from the negative	undated
1/31	137	Diagram of Potentiometer Scan from the negative	undated
1/32	138	Shunt Box for Ammeter No. 135	undated
1/33	139	Simpson Electric Company model A display cabinet	undated
1/34	140	Diagram of Switch setting 1 : Drawing	undated
1/34	141	Diagram of Thermocouple and Rectifier Meter Circuits Scan from the negative	undated

Container(s)		Description	Dates
1/35	142	AC Voltmeter	undated
1/35	143-144	D.C. Voltmeter	undated
1/36	145	Wattmeter [view]	undated
1/36	146	Diagram of a Wattmeter and Circuit Connections Scan from the negative	undated
1/36	147-162	Unknown equipment Scan from the negative	undated
1/36	163	Unknown equipment Scan from the negative	undated
1/36	164-165	Diagrams of unknown equipment Scan from the negative	undated

Lab Signage

Box/ Folder	Item		
1/37	166-167	Methods of Artificial Respiration	undated

Power comparison signs

These signs show how much power is generated or used doing manual labor for a certain period of time.

Box/ Folder	Item		
1/37	168	Power used in carrying a hod for 6 hours [view] Written on photo: "Enough to run an electric sewing machine"	undated
1/37	169	Power used in hammering for 8 hours Written on photo: "Enough for a heating pad on 'low'".	undated
1/37	170	Power used in pumping water for 10 hours Written on photo: 'Enough to run a large household fan.'	undated
1/37	171	Power used in shoveling loose dirt for 10 hours	undated

Container(s)		Description	Dates
		Written on photo: "Enough to run an electric razor."	
1/37	172	Power used in wheeling material for 10 hours [view] Written on photo: "Enough to run six electric clocks."	undated
1/38	173	Professor Lindblom standing with power comparison signage	undated
1/38	174	Professor Lindblom and two other men standing with power comparison signage [view]	undated

Exhibits

Container(s)		Description	Dates
		University of Washington Exhibits at Puyallup Fair	1936
Box/ Folder	Item		
1/39	175	Exhibits for Aeronautical Engineering Department and Electrical Engineering Department	1936
1/39	176	Exhibits for Ceramics and School of Mines	1936
1/39	177	Exhibit for Civil Engineering Department	1936
1/39	178	Exhibit for College of Forestry	1936
1/39	179	Exhibit for Electrical Engineering Department [view] This exhibit was prepared by Professor Lindblom and students.	1936
1/39	180	Exhibits for Pharmacy Drug Gardens, Home Economics, and Mechanical Engineering Shops	1936
1/39	181	Exhibits for School of Nursing, Drama, Physical Education, and Potter's Wheel	1936
		Unidentified Exhibits on Lab Equipment	

Container(s)		Description	Dates
Box/ Folder	Item		
1/39	182	Kirchoff Boards Scan from the negative	undated
1/39	183	Kirchoff Boards Scan from the negative	undated
1/39	184	Four people sitting in front of an exhibit on Tesla Coils Scan from the negative	undated
1/39	185	Exhibit containing many switchboards Scan from the negative	undated

Electrical Power Projects

Container(s)		Description	Dates
Box/ Folder	Item		
Baker River Power Project			
1/40	186	Baker River Camp, Mt. Sauk in the distance	April 23, 1924
1/40	187	View up the river and canyon showing pipe coming down from mountain	November 19, 1924
1/40	188	Dam site, looking downstream	December 21, 1924
1/40	189	River and snow	January 25, 1925
1/40	190	Upper works concrete mixing plant above dam site [view]	August 28, 1924
1/40	191	Mt. Baker and Mt. Shuksan	March 7, 1925
1/40	192	Housing and building at camp 1	April 26, 1925
1/40	193	Upstream face of the dam under construction [view]	July 3, 1925

Container(s)	Description	Dates
1/40 194	View of canyon and dam under construction [view]	July 11, 1925
1/40 195	View of the complete dam	undated

Chelan Station Project

Box/ Folder	Item		
1/41	196	Diagram of the Chelan Station Scan from the negative	

Lake Cushman Dam Project Tacoma Municipal Power System

Box/ Folder	Item		
1/41	197	Construction of Dam power house [view]	May 23, 1927
1/41	198-199	Dam power house	
1/41	201-202	Top of the Dam	undated
1/41	203	Cushman Dam, construction from upstream side	September 3, 1925
1/41	204	Cushman Dam, construction from downstream side [view]	September 15, 1925
1/41	205	Equipment in the interior of the Power House	undated
1/41	206-212	Power lines and high tension transfer stations	undated
1/41	213	Map of Cushman Power Plants- City of Tacoma	undated

Hungry Horse Dam Construction Project

Produced by the United States Department of the Interior
Bureau of Reclamation

Box/ Folder	Item		
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Container(s)		Description	Dates
2/1	214	Monthly Report of Activities: Hungry Horse Project, Montana. Region 1 A.E. McCloud (Photographer) Report and 9 photographs of the Hungry Horse spillway, aggregate, concrete working and pipe placing.	October 1949
2/2	215	Monthly Report of Activities: Hungry Horse Project, Montana. Region 1 A.E. McCloud (Photographer) Report and 12 photographs of the Hungry Horse dam site, Flathead River, reservoir, spillway, power plant, concrete working, galleries and channel section	June 1950
2/3	216	Construction Progress Report: Hungry Horse Project, Montana. Region 1 A.E. McCloud (Photographer) Report and 13 photographs of the Hungry Horse spillway, penstocks, concrete curing, power plant, progress point #1, progress point #6, trash racks, and progress point #4	November 1951
2/4	217	Construction Progress Report: Hungry Horse Project, Montana. Region 1 Report and 9 photographs of the Hungry Horse reservoir, construction water supply, maintenance facilities, power plant service road, power plant	January 1951
2/5	218	<i>Construction Activities: Hungry Horse Project</i> 2 : Typewritten pages	undated
2/5	219a-o	14 photos documenting the construction progress on the Hungry Horse Project A.E. McCloud (Photographer)	December 9, 1949
2/5	220	Letter to Mr. Robbins from Larry Crosetti about the construction of the Hungry Horse Dam	December 9, 1949
2/5	221	Pamphlet about the Hungry Horse Dam	undated
La Grande Power Plant Project			
Box/ Folder	Item		
2/6	222-223	La Grande Power Plant	undated

Container(s)		Description	Dates
2/6	224	Railroad cutting through a forest. Mt. Rainier in the distance Ashael Curtis, Seattle, Washington (Photographer)	undated
San Joaquin Power Project			
Box/ Folder	Item		
2/7	225	No. 3 Power House. San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco. (Postcard No. 4337) (publisher) On verso: "San Joaquin Light and Power Corporation on North Fork of the San Joaquin River in Sierra-Nevada Mountains, fifty miles above Fresno, California."	undated
2/7	226	Crane Valley Dam and Automatic Power House. San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco (Postcard No. 4338) (Publisher)	undated
2/7	227	Power House. San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco. (Postcard No. 4339) (Publisher)	undated
2/7	228	Generating Machinery. San Joaquin Light & Power Corporation. No 1 Power House, California Edwin H. Mitchell, San Francisco. (Postcard No. 4340) (Publisher)	undated
2/7	229	Crane Valley Lake and Reservoir. San Joaquin Light & Power Corporation in High Sierras, California Edwin H. Mitchell, San Francisco. (Postcard No. 4342) (Publisher)	undated
2/7	230	Steel Flume Water Way. San Joaquin Light & Power Corporation in High Sierras, California Edwin H. Mitchell, San Francisco. (Postcard No. 4343) (Publisher)	undated
2/7	231	No. 2 Power House San Joaquin Light & Power Corporation in High Sierras, California	undated

Container(s)	Description	Dates
	Edwin H. Mitchell, San Francisco. (Postcard No. 4344) (Publisher)	
2/7 232	Steel Flume, in High Sierras San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco. (Postcard No. 4345) (Publisher) On Verso: "View of steel flume section of conduit system of the San Joaquin Light & Power Corporation in the Sierra-Nevada Mountains, fifty miles above Fresno, showing method of transporting water from the Crane Valley Lake reservoir to the five hydro-electric generating plants below."	undated
2/7 233	Tunnel and Open Ditch San Joaquin Light & Power Corporation in High Sierras, California Edwin H. Mitchell, San Francisco. (Postcard No. 4346) (Publisher)	undated
2/7 234	Pumping Water from San Joaquin River with Electricity for Irrigation Edwin H. Mitchell, San Francisco. (Postcard No. 4347) (Publisher) On Verso: "View on banks of San Joaquin River, Fresno, California, showing how electricity is used for pumping water from the river onto adjacent agricultural and horticultural lands. The electric motor and pump are installed in the building at the base of the bluff."	undated
2/7 235	Picturesque Hillside Bungalow San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco. (Postcard No. 4348) (Publisher)	undated
2/7 236	Six-Foot Pipe Line San Joaquin Light & Power Corporation, California Edwin H. Mitchell, San Francisco. (Postcard No. 4349) (Publisher)	undated

Northwest Mountains and Glaciers

Box/ Folder	Item	
2/8	237	Mt. Rainier with Emmons Glacier in the Foreground Asahel Curtis (40789) (Photographer)

Container(s)	Description	Dates
	On front: "The twenty-two glaciers and extensive snow fields on Mt. Rainier provide an unceasing flow of water and power to the White, Puyallup, Nisqually and Cowlitz rivers."	
2/8 238	Mt. Baker from Baker Lake Asahel Curtis (10441) (Photographer) On front: "Ice, snow and water storage for power developments on Baker and Nooksack rivers."	undated
2/8 239	Elwha Canyon, Olympic Mountains. Source of Elwha River Asahel Curtis (8200) (Photographer)	undated
2/8 240	Mt. Queets in the Olympic Mountains. Asahel Curtis (Photographer)	undated
2/8 241	Mt. St. Helens from Spirit lake [view] Asahel Curtis (44844) (Photographer) On front: "The glaciers and snowfields regulate the stream flow of the Toutle, Kalama and Lewis Rivers."	1923
2/8 242	Mt. Adams from Sunnyside Canal Asahel Curtis (Photographer) On front: "The glaciers and snow fields provide natural water storage for the Klickitat, White Salmon, Lewis and Cowlitz Rivers"	undated

Names and Subjects

Subject Terms :

Agricultural exhibitions--Washington (State)--Puyallup--Photographs
 College buildings--Washington (State)--Seattle--Design and construction--Photographs
 College students--Washington (State)--Seattle--Photographs
 Dams--Washington (State)--Photographs
 Electric laboratories--Washington (State)--Seattle--Photographs
 Electrical engineers--Washington (State)--Seattle--Photographs
 Engineering students--Washington (State)--Seattle--Photographs
 Engineering teachers--Washington (State)--Seattle--Photographs
 Hydroelectric power plants--United States--Photographs

Corporate Names :

Electrical Engineering Building (Seattle, Wash.)--Photographs
 University of Washington--Buildings--Photographs
 University of Washington--Students--Photographs

Form or Genre Terms :

Group portraits
 Photographs

Other Creators :

Corporate Names :

University of Washington. Dept. of Electrical Engineering
(creator)

Names and Subjects

Subject Terms :

Visual Materials Collections (University of Washington)

2009 (Last modified: 4/17/2018)



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