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APPENDIX A

While the amounts appropriated by the Regents for the life of the Board have been listed in Appendix A as an integral part of the activity of the Board of Regents, it seems wise to have a more detailed breakdown of the income for the college extending from 1914-15 to 1954. The records for tuition paid in the early years, 1914-15, is not completely available.

It should be noted that a contract was made with the Federal Board for Vocational Education to train veterans of the First World War, extending from 1919 to 1930. During that time also the school received certain moneys from the Federal Government under the Smith-Hughes Act on account of work which the school was then giving in the general field of vocational education. The high water mark of the Federal payment for vocational education came in 1926 and as the figures show diminished rather rapidly thereafter as the state and county vocational schools took over from the Newark Technical School work of a strictly vocational nature. So that in 1930 the college had its last payment from the Federal Government and its classes thereafter were not in any single instance vocational in character.

It is perhaps nothing more than a coincidence that in 1931 the first payment by the Board of Regents was made. The amount entered opposite the year 1931 was the sum total of the requests covering 1930 and 1931. The legislature in 1930 did not vote

the appropriation as suggested by the Board of Regents but added it to the appropriation asked for in 1931.

The totals given represent not only the tuition and appropriations but certain items covering the sale of books, student fees, and so forth. The tabulation follows:

<u>Year Ending</u>	<u>Tuition Evening Technical and Special Courses</u>	<u>Tuition College Under- graduate</u>	<u>Tuition College Graduate</u>	<u>Tuition Federal Board</u>	<u>Smith Hughes Act</u>	<u>State Board of Regents and/or State Board of Education</u>	<u>Other State and City Grants</u>	<u>Total Income</u>
4/30/15	\$ 2,596	\$	\$	\$	\$	\$	\$ 30,000	\$ 35,000
4/30/16	2,989						30,000	41,000
4/30/17	4,067						30,000	39,000
4/30/18	4,111						30,000	39,000
4/30/19	5,759						30,000	44,000
6/30/20	24,306			40,620	1,345		50,000	134,000
6/30/21	20,018	3,812		50,891	966		60,000	147,000
6/30/22	22,124	5,497		39,767	3,561		79,148	163,000
6/30/23	26,255	7,265		31,597	3,201		50,000	126,000
6/30/24	28,196	10,868		15,503	4,542		60,000	127,000
6/30/25	32,396	13,635		520	4,420		60,000	119,000
6/30/26	40,128	16,789		160	5,427		70,000	139,000
6/30/27	42,349	21,910		-(22)	2,479		80,000	153,000
6/30/28	56,293	30,867			1,968		90,000	189,000
6/30/29	63,826	37,583			1,002		90,000	202,000
6/30/30	77,262	43,441			561		100,000	232,000
6/30/31	82,545	58,060				18,700	105,000	273,000
6/30/32	70,099	75,501				28,610	105,000	287,000
6/30/33	51,119	86,023				38,400	95,000	279,000
6/30/34	50,140	98,025				34,560	80,000	271,000

<u>Year Ending</u>	<u>Tuition Evening Technical and Special Courses</u>	<u>Tuition College Under- graduate</u>	<u>Tuition College Graduate</u>	<u>Tuition Federal Board</u>	<u>Smith Hughes Act</u>	<u>State Board of Regents and/or State Board of Education</u>	<u>Other State and City Grants</u>	<u>Total Income</u>
6/30/35	\$ 47,742	\$104,790	\$	\$	\$	\$ 34,560	\$ 80,000	\$275,000
6/30/36	47,545	118,464				38,940	80,000	294,000
6/30/37	64,220	128,204				38,940	85,000	327,000
6/30/38	84,420	131,872				57,426	95,000	379,000
6/30/39	74,613	137,717				55,000	99,250	381,000
6/30/40	78,162	162,719				55,000	99,250	413,000
6/30/41	87,528	184,784				65,000	99,250	460,000
6/30/42	94,084	194,135				70,000	99,250	492,000
6/30/43	48,285	195,369				82,703	99,250	459,000
6/30/44	26,642	152,706				91,700	99,250	408,000
6/30/45	25,943	113,567				104,801	105,100	397,000
6/30/46	26,835	265,066	4,998			94,505	105,100	601,000
6/30/47	14,187	574,309	16,453			154,300	105,100	998,000
6/30/48	15,005	642,690	23,853			145,000	105,100	1,213,000
6/30/49	24,157	657,098	28,790			173,984	109,300	1,123,000
6/30/50	40,336	604,475	53,686			255,944	119,006	1,187,000
6/30/51	49,450	523,476	73,731			277,898	129,203	1,175,000
6/30/52	82,156	447,340	83,011			398,663	139,606	1,355,000
6/30/53	85,697	478,513	85,229			593,905	155,799	1,618,000
6/30/54	120,525	512,951	92,056			621,125	159,657	1,771,000

FEDERAL GOVERNMENT AGENCY PAYMENTS TO THE COLLEGE
FOR WARTIME TRAINING AND OTHER SERVICES

	<u>Federal Defense/War Training</u>	<u>Army Specialized Training Program</u>	<u>Veterans' Selection & Guidance</u>	<u>Army Ordnance Contract</u>	<u>U. S. Navy Contract</u>	<u>National Defense Committee</u>
1941-1942	\$ 9,705	\$	\$	\$	\$	\$
1942-1943	22,351					
1943-1944	27,371	18,962				551
1944-1945	24,785	79	7,620	6,643		6,999
1945-1946	2,818		75,831	1,822		581
1946-1947			56,686		833	
1947-1948	52,104	16,000	53,496	3,200		2,000
1948-1949			43,440			
1949-1950			40,477			
1950-1951			17,985			

The growth of the institution is properly reflected in these tabulations.

Student enrollment is somewhat deceptive in that groups of students vary over a wide range in hours of attendance.

There are certain notes taken from the early board meeting minutes and from some of the early financial reports which would seem to be of more than passing interest. The following items are copies from the first book of minutes of the Board of Trustees. On the meeting of May 19, 1887, the Treasurer presented his annual report showing the balance at the end of the year of \$6,509.86. In the

minutes of May 17, 1888, the Auditing Committee reported that it had examined the reports of the Treasurer up to May 14, 1888, and found it correct. Following is a summary of the report now on file with the Secretary:

On hand May, 1887	\$6,509.86	
Rec. from State for 1886-1887	123.10	
Rec. from State for 1887-1888	4,565.00	
	<u>11,197.96</u>	
Rec. Subscriptions on account 1887-1888	4,375.85	
	<u>\$15,573.81</u>	
Paid by Checks	\$7,249.23	
Cash in Bank	<u>8,324.58</u>	<u>\$15,573.81</u>

The first mention in the Minute Book of an appropriation from the City of Newark is made in the Treasurer's report of May 9, 1889. It would appear that at that time there were some subscriptions still coming in and it is not quite clear why the State of New Jersey did not meet in full payment from the appropriation of the City of Newark.

"Treasurer's Account with Newark Technical School to May, 1889."

Cash balance May, 1888	\$ 8,324.58	
Collected May 11 to August, 1888	186.25	
From State of N. J. Sept. 10, 1888	4,319.10	
From City of Newark Sept. 20, 1888	5,000.00	
From Colton merchandise sold	290.00	
From Subscribers	<u>3,165.80</u>	<u>\$21,285.73</u>
Paid Accounts per Statements	\$ 8,057.96	
Balance Essex County Bank	10,634.93	
Balance Merchants Bank	<u>2,592.84</u>	<u>\$21,285.73</u>

Another type of early financial report is the following which was found in the minutes of September 4, 1891. The items shown are the only ones giving financial

reports, covering a year in each case, in the minute book between the years of 1884 and 1913.

"The Director presented his Annual Report and Balance Sheet for the year ending April 30, 1891."

BALANCE SHEET

	<u>Dr.</u>
Cash on Hand May 1, 1890	\$1,397.47
Received from State - 1889-1890	5,000.00
Received from State - 1890-1891	5,000.00
Received from Sales of Merchandise	400.65
Received from Tuition Fees	100.00
	<u>\$11,898.12</u>
	<u>Cr.</u>
Salaries	\$ 5,792.00
Expenses	1,421.66
Lighting	566.62
Merchandise	361.19
Building	150.00
Real Estate	71.79
Library	111.10
Dept. of Chemistry & Physics	55.32
Dept. of Drawing	32.92
Furniture	4.68
	<u>\$ 8,567.28</u>
Petty Cash on Hand April 30	1.09
	<u>\$ 8,568.37</u>
Balance on Hand May 1, 1891	3,329.75
	<u>\$11,898.12</u>

APPENDIX B

Notes on The Board of Trustees of Schools for Industrial Education of Newark, New Jersey

The members are listed in the order of first appointment by the Governor of the State of New Jersey.

The Governor of the state and the Mayor of the city of Newark, New Jersey, are ex-officio members of the Board. The Governor was listed as the President of the Board from 1885-1917. Later one of the appointed members was elected President by the members of the Board.

EX-OFFICIO MEMBERS OF THE BOARD AND APPROXIMATE TERMS OF OFFICE

<u>Governors</u>		<u>Mayors</u>	
Leon Abbott	1885-1887	Joseph C. Haynes	1884-1894
Robert E. Green	1887-1890	Julius A. Leblondier	1894-1896
Leon Abbott	1890-1893	James M. Seymour	1896-1903
George T. Werts	1893-1896	Henry M. Doremus	1903-1907
John W. Griggs	1896-1898	Jacob Hausling	1907-1915
Foster M. Voorhees	1898-1902	Thomas L. Raymond	1915-1918
Franklin Murphy	1902-1905	Charles F. Gillen	1918-1921
Edward C. Stokes	1905-1908	Alexander Archibald	1921-
John Franklin Fort	1908-1911	Frederick C. Breidenbach	1922-1925
Woodrow Wilson	1911-1913	Thomas L. Raymond	1925-1928
James F. Fielder	1914-1917	Jerome T. Congleton	1928-1933
Walter E. Edge	1917-1919	Mayor C. Ellenstein	1933-1941
William H. Runyon	1919-1920	Vincent J. Murphy	1941-1949
Edward I. Edwards	1920-1923	Ralph A. Vilani	1949-1953
George S. Silser	1923-1926	Lee P. Carlin	1953-
A. Harry Moore	1926-1929		
Morgan F. Larson	1929-1932		
A. Harry Moore	1932-1935		
Harold G. Hoffman	1935-1938		
A. Harry Moore	1938-1941		
Charles Edison	1941-1944		
Walter E. Edge	1944-1947		
Alfred E. Driscoll	1947-1954		
Robert B. Mayner	1954-		

APPOINTED MEMBERS OF THE BOARD
APPROXIMATE TERM OF OFFICE *

		<u>Term of Office</u>	<u>Industrial or Professional Connection</u>
Edward Goeller	V. P.	1884-1894	Comptr. State Banking Company
Moses Bigelow	Treas.	1884-1897	Pres. Home Brewing Company
William H. Barringer	Sec'y	1884-1898	M. Bigelow & J. C. Kirtland Varnish Manufacturers
Augustus F. R. Martin	M.	1884-1894	Superintendent of Schools
"	V. P.	1894-1897	Newark, New Jersey
James F. Connelly	M.	1885-1886	Banker and Broker
Edward Weston	M.	1884-1895	McCormick & Connelly Patent and Enamelled Leather
George H. Phillips	M.	1884-1904	President, Weston Electrical Instrument Corporation
Pearson G. Dodd	M.	1886-1887	Treasurer, Hewes & Phillips Iron Works
George W. Ketcham	M.	1887-1907	Member of Common Council Finance Board
"	V. P.	1907-1911	Vice-President,
James L. Hays	M.	1894-1897	Central Stamping Company
"	V. P.	1897-1907	Postmaster, Newark, N. J.
James W. Miller	M.	1895-1899	Manufacturing Jeweler
Daniel T. Campbell	M.	1895-1897	President,
"	Treas.	1897-1904	Watts-Campbell Company
Francis M. Tichenor	M.	1899-1906	Attorney, Counsellor-at-Law
Benjamin Atha	M.	1898-1902	President, Newark Steel Works of Benjamin Atha & Ellingsworth Company
John B. Stobaenus	M.	1898-1910	Manufacturer of Chemicals
"	Treas.	1910-1918	Charles Cooper & Company
Moses Straus	M.	1899-1910	Manufacturer of Leather
George R. Howe	M.	1902-1903	M. Straus & Sons
"	Treas.	1903-1910	Manufacturing Jeweler
Moses Plant	M.	1904-1919	Merchant, L. S. Plant Company
Abram B. Garner	M.	1904-1908	Manager, Murphy Varnish Company
Samuel E. Robertson	M.	1906-1911	Practising Physician
"	V. P.	1911-1917	
"	M.	1917-1928	
Franklin Phillips	M.	1908-1914	President, Hewes & Phillips Iron Works
Abram Rothschild	M.	1909-1921	Manufacturer of Leather
Peter Campbell	M.	1910-1917	Stengel & Rothschild
"	V. P.	1917-1927	President, Hain Linoleum Company
"	Pres.	1927-1928	
Frederick L. Eberhardt	M.	1910-1928	President, Gould & Eberhardt
"	V. P.	1928-1943	Machine Tools
"	Pres.	1943-1946	
Herbert P. Gleason	M.	1911-1918	Manufacturer of Shoes
"	Treas.	1918-1929	Johnson & Murphy
John A. Furman	M.	1911-1927	Superintendent, Celluloid Company

APPOINTED MEMBERS OF THE BOARD (Cont.)

		<u>Term of Office</u>	<u>Industrial or Professional Connection</u>
Halsey M. Larter	M.	1914-1927	Manufacturing Jeweler Larter & Sons
William L. Morgan	M.	1919-1927	Counsellor-at-Law
"	V. P.	1927-1928	
"	Pres.	1928-1943	
William C. Stobaeus	M.	1924-1925	Secretary,
"	Asst Treas.	1925-1929	Charles Cooper & Company
"	Treas.	1929-1938	Chemicals
John E. Clark	M.	1927-1936	President, Clark Thread Company
Felix Fuld	M.	1927-1929	L. Benberger & Company
Edward F. Weston	M.	1927-1944	Chairman of the Board,
"	V. P.	1944-1946	Weston Electrical Instrument
"	Pres.	1946-	Corporation
Robert Campbell	M.	1928-1930	Financier - Retired
"	Asst Treas.	1930-1938	
"	Treas.	1938-1946	
"	V. P.	1946-	
Cyrus Loutrel	M.	1929-1938	President, National Lock
"	Asst Treas.	1938-1946	Washer Company
Thomas H. McCarter	M.	1929-1944	President of the Board Public Service Electric & Gas Company
Joseph M. Byrne, Jr.	M.	1935-	Chairman of the Board, Joseph M. Byrne Company
George W. Mc Rao	M.	1938-1948	Vice President & General Manager New Jersey Bell Telephone Company
Robert G. Cowan	M.	1943-1946	President, The National Newark &
"	Treas.	1946-	Essex Banking Company of Newark, N. J.
Frederick O. Runyon	M.	1943-	Professional Engineer
Edward F. Bataille	Asst Treas.	1946-	NEWARK EVENING NEWS
Chester C. Campbell	M.	1946-1948	President, Otis Elevator Company
Frederick W. Birkenhauer	M.	1948-	President, Wagner Baking Corporation
William J. Brennan, Jr.	M.	1948-1954	Justice, Supreme Court of New Jersey
John H. Yauch, Jr.	M.	1954-	Attorney, Counsellor-at-Law Member Gilhooly, Yauch, Fagan

* Because of conflicting records it has been impossible to determine exactly the terms of office of some of the first members of the Board of Trustees. This was due, to a considerable extent, to the changes in the method of appointing members of the Board. The dates, however, are believed to be substantially correct.

APPENDIX D.

ENROLLMENT

Evening - Technical School and Special Courses

	<u>Number Enrolled N.T.S.</u>	<u>Special Courses</u>	<u>Diplomas</u>	<u>Certificates</u>	<u>Graduates</u>
Spring 1885	88				
1885-1886	125				
1890-1891	206		2	4	6
1895-1896	204		6	8	14
1900-1901	274		5	9	14
1905-1906	331		3	14	17
1910-1911	393		1	12	13
1915-1916	404		4	14	18
1920-1921	763		12	21	33
1925-1926	1005		35	18	53
1930-1931	1685		70	—	70
1935-1936	787		92	—	92
1940-1941	1163		140	—	140
1945-1946	142	767	20	—	20
1950-1951	—	366	—	—	—
1953-1954	—	818	—	36	36

STUDENT ENROLLMENT - GRADUATES - DEGREES

Newark College of Engineering Undergraduate - Day and Evening

	<u>ENROLLMENT</u>		<u>DEGREES</u>		<u>Professional Engineer</u>	<u>Honorary D. Sc.</u>
	<u>Under-Graduate</u>	<u>Graduate</u>	<u>B. E.</u>	<u>M. S.</u>		
1919-1920	23					
1920-1921	54					
1921-1922	65					
1922-1923	93		11			
1923-1924	125		14			
1924-1925	145		18			
1925-1926	175		16			
1926-1927	230		31		4	1
1927-1928	272		30		1	
1928-1929	324		37		4	
1929-1930	368		45		1	
1930-1931	442		70		3	
1931-1932	552		79		8	
1932-1933	626		76		1	
1933-1934	658		78		3	
1934-1935	707		96		9	
1935-1936	766		120		5	2
1936-1937	815		177		3	
1937-1938	817	18	129		3	
1938-1939	849	39	150		5	
1939-1940	942	51	148		1	
1940-1941	1088	120	151		1	
1941-1942	1258	127	153		2	
1942-1943	e 1156	94	167		4	
1943-1944	632	83	122			
1944-1945	e 404	44	58			
1945-1946	1229	113	48		3	
1946-1947	2274	235	131		1	
1947-1948	2298	260	200			1
1948-1949	2388	293	321	4	4	2
1949-1950	2423	392	396	26	2	2
1950-1951	2161	474	329	62	1	
1951-1952	2092	568	280	88		3
1952-1953	2130	602	258	100	1	
1953-1954	2257	700	233	110	1	2

e estimated

APPENDIX 8

NUMBER OF STAFF MEMBERS

Administration - Faculty and Instruction Staff - Lecturers*

	<u>NEWARK TECHNICAL SCHOOL</u>		<u>NEWARK COLLEGE OF ENGINEERING NO Undergraduate Day and Evening</u>			<u>GRADUATE</u>	
	<u>Adminis- tration</u>	<u>Instruction Staff</u>	<u>Adminis- tration</u>	<u>Faculty & Instructors</u>	<u>Special Lecturers</u>	<u>Adminis- tration</u>	<u>Faculty</u>
1885-1886	1	3					
1890-1891	1	8					
1895-1896	1	8					
1900-1901	2	11					
1905-1906	2	14					
1910-1911	2	22					
1915-1916	4	28					
1920-1921	10	35	10	20			
1925-1926	7	64	8	17			
1930-1931	9	112	8	29			
1935-1936	9	64	13	37			
1940-1941	6	63	16	66	12	e 5	25
1945-1946	e 8	60	18	51	15	e 5	13
1950-1951	e 8	53	26	141	30	e 8	24
1954-1955	e 8	115	20	130	34	e 9	45

e estimated

* Duplications of names have been eliminated in Bulletin used, but are not eliminated as between Day and Evening Bulletins, nor between Newark Technical School, Special Courses, and Graduate Courses.

APPENDIX E

Scholarships

In the bulletin for 1906-1907 we find the first announcement regarding scholarships, as follows:

"Beginning with the school year 1907-1908 two scholarships will be given annually as follows:

- (1) To the student of the first year class showing the greatest improvement during the year, tuition for the second year class.
- (2) To the student of the second year class showing the greatest improvement during the year, tuition for the third year class.

These scholarships shall be available only to those students who are taking the full course of study, and shall be awarded at the close of each school year by a jury composed of three members of the Manufacturing Jewelers Association, with the Director of the School as an ex-officio member.

The instructors in the course shall constitute an advisory committee to the Jury.

All scholarships held by students shall be subject to such rules as may be adopted from time to time by the Trustees of the School."

No other announcement of scholarships seems to have been made until we find this statement in the bulletin for the year 1920-1921:

"Many young men attending evening school show much promise along technical lines. To enable these men to follow a regular professional technical course leading to a degree, scholarships may be granted to evening students who wish to take up professional work in the College of Engineering. The scholarships have a minimum value of \$125.00 per year. Applications should be made to the Director not later than September 1.

For the year 1920-1921 at least three scholarships are available:

The Alumni Scholarship granted by the Alumni of the Newark Technical School to an evening student who wishes to take professional work in the College of Engineering; the Henry J. Reusch Scholarships granted to students in the evening school who have graduated in the General Technical Course and wish to take professional work in the College of Engineering."

The number of scholarships available increased from year to year as shown in the following statements:

In 1930-1931 twenty-five scholarships were offered to qualified applicants.

Among these were ten donated by individual citizens and by the Class of 1927, N.C.E.

Also there were two granted by the Board of Trustees of the College to recipients to be chosen by the Newark Council of the Boy Scouts of America.

Three other scholarships to be granted to graduates of the Newark Technical School were donated in memory of Henry J. Reusch and in honor of Charles A. Colton.

In 1940-1941 twenty-five scholarships were again offered to qualified applicants.

Among these grants, not previously mentioned were: William F. Hoffman scholarships and seven scholarships by the will of Herbert P. Gleason.

By 1950-1951 there were available several additional scholarships under the John Christopher Dorman Scholarship Fund and the John A. Schieck Memorial Fund.

Loan Funds were also available to worthy students in limited numbers under the Colton Memorial Scholarship Fund; the Newark College of Engineering Scholarship Fund;

the Abraham Rothschild Loan Fund; and the Sanford L. Kahn Loan Fund.

The Boy Scout Scholarships and the Herbert P. Gleason Scholarships were available also, as previously mentioned.

The College bulletin for 1954-1955 shows a listing of items of financial aid available which is reproduced here in the following paragraphs:

*Through the years the College has received applications for admission from students who showed a definite need for financial assistance in meeting their college expenses. For such needy young men who also possess the ability to carry on engineering study satisfactorily, scholarships are available.

BOY SCOUT SCHOLARSHIPS

The Board of Trustees has granted two scholarships, the recipients of which are to be chosen from Scouts in Newark, Belleville, and Irvington by the Robert Treat Council of Boy Scouts of America.

HERBERT P. GLEASON SCHOLARSHIPS

By the will of Herbert P. Gleason several scholarships are available for young men of character and ability.

COLTON MEMORIAL SCHOLARSHIP

Commencing with the scholastic year 1952-1953 a scholarship has been established in memory of Dr. Charles A. Colton, the first director of Newark Technical School.

The Newark College of Engineering Alumni Association recently effected an amalgamation of the Colton Memorial Scholarship Fund and the College Alumni Scholarship Fund. The combined funds are now administered by the College Alumni Scholarship Fund Trustees.

It is anticipated that each year this Colton Memorial Scholarship will be awarded for one year to the sophomore at the college who ranked number 1 in his class as a freshman.

ESSEX COUNTY ENGINEERED SOCIETY SCHOLARSHIPS

The Society will provide one or more scholarships in the amount of \$150.00 annually, divided equally between two successive

semesters. The student must have maintained a satisfactory academic record through one or more years at this institution and must need financial assistance.

Other things being equal, the son or daughter of a professional engineer shall be given preference. The student must be willing to take such tests as may be requested by the college committee appointed to select the recipient. The recipient will automatically become the nominee for the same award for the next year unless he no longer requires financial assistance, in which case the award will be made to another qualified student. The final selection of each candidate will be made by a committee of the faculty of the college.

HAMBO SCHOLARSHIP

This special scholarship award is granted to the member of a graduating class of Irvington High School who earns the highest four year average in science during his high school work.

The recipient of this scholarship must register for the course at the Newark College of Engineering leading to the degree of Bachelor of Science in Electrical Engineering. The award has a value of \$625 per year for each year of our four year college course.

The Hambo Scholarship became operative for the college year which started in September of 1952. The recipient will continue to enjoy this privilege until the four years of college work are completed, provided the condition of satisfactory progress each year is met.

Requests for information regarding annual Hambo Scholarship awards should be directed to the Principal of Irvington High School.

UNION CARBIDE SCHOLARSHIP

Union Carbide and Carbon Corporation Scholarships in Electrical or Mechanical Engineering, sponsored by the Linde Air Products Company, a Division of Union Carbide and Carbon Corporation.

This scholarship carries a per annum scholarship of full tuition plus \$200.00 to the recipient, awarded to a student for his senior year of study in Electrical or Mechanical Engineering.

JOHN CHRISTOPHER DENHAM SCHOLARSHIP FUND

This fund has been established to provide a scholarship for an evening school student who wishes to take professional work in the College of Engineering.

JOHN A. SCHIECK MEMORIAL FUND

By the will of Caroline D. Schieck, a scholarship fund has been established in the name of her brother, John A. Schieck. From time to time several scholarships will be available from this fund.

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THOMAS E. HEATHCOTE SCHOLARSHIP FUND

Mr. Thomas E. Heathcote has created a fund to provide scholarship awards at Newark College of Engineering. The candidates for the awards are to be nominated by the Rotary Clubs of Hawthorne, Rockaway, Netcong-Stanhope, and Denville.

MATERIALS HANDLING PRIZE

The Silent Hoist and Crane Company Materials Handling Award is presented annually for the best papers on the subject of materials handling. The award is made from proceeds from a trust established by the Wunsch Foundation, Inc. of Brooklyn.

APPENDIX B

Post Graduate Work at Newark College of Engineering

The Newark College of Engineering offered several special graduate and advanced courses to qualified persons starting in 1937-1938. This work was designed to prepare the engineer for special duties.

While the College did not then award graduate degrees, credit for this work was given by institutions granting such degrees.

Starting in 1940-1941 an agreement between this College and Stevens Institute of Technology provided for students to complete their work for the Masters Degree at the Graduate School of Stevens Institute after taking graduate credits at this College.

In 1946 the New Jersey State Board of Education authorized the establishment of the Graduate Division of the Newark College of Engineering and the granting, by its Board of Trustees, of the degree of Master of Science in Chemical, Civil, Electrical, and Mechanical Engineering; and in 1949, Master of Science with a major in the fields of Chemical, Civil, Electrical, Mechanical, and Management Engineering.

The Graduate Division of this College is filling a definite need in Newark and vicinity. This is shown by the growth of the student body in this division from 18 students in 1937-1938 to 700 students in 1953-1954.