

THE EAST SIDE ENTERPRISE

Publication of weekly to commence.

5:1:10

EATING

Article on Eating through the ages.

16:13:201-2

EATON, ROSE

Elected to Phi Beta Kappa

18:25:3-4

## ECONOMICS

- Essay attacks extreme supporters of Laissez-Faire. 8:10:157-158
- A comparison between European and American economic standards. 9:5:70-71
- American Economic Association formed; object stated, officers elected, and named. 9:5:76
- An essay re our economic system and the gains benefited by it. 9:9:137-139

# ECONOMY CLUB

Prof Zeublin to speak Dec. 4, 1897	21:11:146
" " fails to appear; account of meeting	21:13:169
Outline for debate topic listed	21:25:347
Program listed	22:26:365
Program listed	22:27:372
Program listed	22:29:399
Program listed	23:17:213
Program listed	23:18:225
Program listed	23:20:248

ECONOMY CLUB

2.

Program listed

23:24:297

Program listed

23:26:324

Program listed

23:27:339

EDDY, ESTHER

Member of Ariel Board for Woman's Edition. 20:10:6

EDDY, HENRY T., PH. D.

- Appointed professor of engineering and mechanics, 1894; brief biography. 18:1:9
- To address the Scientific Society on "The Sun". 18:24:3
- On constitution and by-laws committee of Sigma Xi; charter member. 19:29:4
- Account of lecture Dr. Eddy gave to the Sigma Xi society. 19:32:23
- Appointed on permanent gymnasium committee with Dr. Kiehle and Prof. Haynes. 20:22:12



EDDY, HENRY T., PH. D.

2.

To represent Minnesota at the  
inauguration ceremony of Dr. Arthur T.  
Hadley, President of Yale.

23:5:66

Dr. Eddy presents paper before Am.  
Soc. of Mech. Engineering.

23:14:179

Dr. Eddy to lecture before Engineers'  
Club.

23:20:252

EDDY HALL

see also

MECHANIC ARTS BUILDING.

EDDY HALL

Photograph of Engineers' building, 1899. 22:34:482

EDGEWORTH, MARIA

A novelist. Article on her work and life. 1:8:79-80

## EDUCATION

"Mental Development", commencement address by  
G.A. Wood. 1:9:92

Importance of both arts and sciences in higher  
education. 2:1:4

Article supporting arguments for classical  
training of all people in high school. 2:6:61-62

Mr. Woodruff conducts 16 month tour around  
the world. Faculty, library facilities etc.  
will be provided aboard his floating college. 2:8:88

## EDUCATION

2.

Letter on why students should select one field to excell but remain concerned with other fields of knowledge as well.

3:1:4

"The College Rank of Distinguished Men".

3:3:26

Letter supporting the lecture system.

3:3:29

Students attend St. Paul Teachers Conference.

3:5:52

Lecture vs. textbook system.

3:6:66

Inadequacies of American system compared to advantages of European.

3:7:79

Comment on the evolution of education in America, and on the status of American teachers as compared with European.

3:10:116-

117

## EDUCATION

3.

Non partisan political society formed for  
educative purposes.

4:3:31

Editorial comment on lack of important  
aspects of education while money is poured  
into extravagant buildings.

4:6:66

R.G. White states that American school  
system is a failure.

4:8:88

Virtues of the lecture system in college.

4:8:91

Value of a college education.

4:10:117

Reprint of article answering arguments  
against state education.

5:2:23

## EDUCATION

4.

- Editorial stating the need for a national University. 5:2:25
- Purpose of education is to make knowledge a part of individual's personal life. 5:3:41
- Values of a college education. 5:8:121
- Editorial re the real value of education. 5:9:136-137
- Many students leave school to go into business. 6:1:4
- Editorial comment on an article on University administration. 6:3:35-36
- Comment on sermon demanding public sectarian schools. 7:4:52



## EDUCATION

5.

- Editorial urges more people attend college  
to reduce expenses of state. 7:4:52
- Essay on the value of education. 7:4:53-54
- Essay on the advancement of arts and sciences. 7:5:70
- Discussion of merits and defects of industrial  
education. 7:7:116
- Comment on letter written by Mathew Arnold to  
Pres. Folwell dealing with secondary education. 7:8:117
- Brief summary of lives of educators Mark  
Hopkins and Theodore Woolsey. 8:3:38
- Letter warns against useless education. 8:4:57

## EDUCATION

6.

Editorial re the object and purpose of education; contrasts American and Chinese system.

8:5:73

Oration on what the student owes the state for his education.

9:1:5-6

Editorial stating the need for farm children to be able to obtain high school and college education.

9:8:116

Editorial comment on our present educational system.

10:2:20

Editorial re the printing of professor's lectures.

10:3:38-9

## EDUCATION

7.

- Essay re education in a practical sense. 10:7:92
- Editorial defends worth of college education as against one involving a trade. 10:9:120
- Essay defending the need for a liberal education. 10:9:129-30
- Editor sets forth his concepts of the goal of a college education. 10:9:130
- Comment on new method of teaching arithmetic to children. 11:3:26
- Editorial re success of teaching English literature in colleges and universities. 11:4:38-39

## EDUCATION

8.

- Editorial on the establishing of a national university for teachers. 11:3:49
- Essay on discipline in the schools. 12:9:184
- Editorial comment on recent article appearing in Minneapolis Journal pertaining to the appreciation of Young America of his educational advantages. 13:3:33
- A comparison of eastern, mid-western, and European college standards. 13:7:105-6
- U. S. has 4,240 professors, 360 Universities, and 69,400 students, 1890. 13:9:154

## EDUCATION

9.

- Editorial on secondary education in U. S.; gives W. W. Folwell's views. 14:2:20-21
- Editorial re results of Wisconsin election on the issue of child education. 14:3:32
- Editorial challenging college students to continue studies after graduation. 15:1:2-3
- Essay re the way in which education helps to acquire a sound critical sense. 15:4:39-40
- Exams being supplemented by other means of testing, 1891. 15:10:110-11

## EDUCATION

10.

- Ignatius Donnelly's reflections on college education, 1894. 17:29:367
- Editorial comparing our college system to the European system. 18:2:4-5
- Quote re Dr. Folwell's plan for extending high school for two years; Ariel's comments. 18:8:5
- Article re the meaning of education and duties of a college. 19:25:9
- Forty-three students certified for Teacher's Certificates. 19:27:4

## EDUCATION

11.

Essay on the pros and cons of teaching natural science in elementary and secondary schools, by Jessie E. Stevens, 1896.

19:32:27-28

Essay: "A Lesson from English Schools".

20:5:11

Pres. Northrop addresses Ed. Assoc. of St. Paul.

20:14:5-7

Eleven college & university representatives meet at Madison; discussion topics listed; to hold future meetings.

20:15:8

Obligation of college graduates to society discussed

21:7:95

## EDUCATION

12.

- Editorial on the meaning of an education 21:24:336-7
- Editorial re the responsibilities of those  
having a formal education 21:31:438-9
- Commencement address: "The Education  
Our Country Needs", by Cyrus Northrop. 22:34:460-66
- Conference at Capon, Va., to discuss  
the problem of education in the south. 22:2:1:3
- Editorial criticising the change in  
time of State Bd. Exams as interfering  
with summer school. 22:2:1:4



EDUCATION

13.

Minnesota has new state law for  
teachers' exams., an act to provide  
uniform state certificates, 1899.

22:2:2:13-14

EDUCATION, COLLEGE OF

Dr. Kiehle prepares "recommendation" form  
to be filled out for future teachers.

19:28:15

Pedagogical Society organized to promote  
pedagogical study; officers listed.

22:5:64

## EDUCATION. GERMANY

Those aspects of German schools which develop cultural awareness to a greater extent than in American schools.

3:9:99

Comment on the virtues of German education and how America might benefit from them.

3:10:116-117

Letter from a student in Leipzig.

5:4:54-55

Comparison of German and American educational methods.

17:7:108-9

Many U. students decide on Germany for further study.

19:6:6-7

EDUCATION. GERMANY

2.

A report on German education by Dr.  
Kiehle.

22:2:4:26-27

EDUCATION. GREAT BRITAIN

Cambridge considers admitting women. 4:9:101

A short description of English educational methods. 17:7:108

Essay: "A Lesson from English Schools". 20:5:11

EDUCATION. MINNESOTA

- Article by Gov. Hubbard re Minnesota's educational system. 10:5:66
- Minneapolis Industrial Exposition in 5th season; important part of popular education. 14:1:2
- Bill passed concerning teaching certificates: two years satisfactory teaching will add endorsement making certificate permanent, 1895. 18:26:4
- Bill expanding normal school course passes legislature. 18:29:1
- One-fifth of state's high school superintendants are U. grads.; names given. 18:30:2
- (

EDUCATION. MINNESOTA

2.

Ariel calls small denominational colleges a nuisance; advocates erection of sectarian dormitories on university campus instead. 19:7:9

Faculty committee recommends certain course of study in English for high school students. 19:21:2-3

EDUCATION. SCANDINAVIA.

Short description of Scandinavian educational  
methods.

17:7:108



## EDUCATION. THEORIES AND PRINCIPLES

- Essay on the new methods of education and  
their influence on college instruction. 14:1:7-8
- Editorial re attention students pay to  
methods of teaching. 17:6:84
- Editorial blaming failure of lecture system  
upon the lecturer. 18:5:2

EDWARDS, GEORGE H.

Killed in the war with Spain.

Obituary.

Photograph and obituary.

23:19:236

23:25:320

23:26:325

EGGEN, HALSTEN O.

Brief biog.

22:34:472

## EGYPT

- Historical interpretation of England's control  
over Egypt. 6:1:7-8
- Letter from a former student on Egypt and  
Egyptian art. 14:7:97-99
- Essay on Egyptian painting. 16:5:69

## ELECTIONS

Comment on the qualifications of candidates and the issues which should be considered for good government.

2:3:28

Students indicate their preference in the forthcoming Presidential election.

3:7:81

Discussion of the coming national elections of 1888.

12:2:24

Comment on the recent national election, 1888.

12:3:47

Letter re the election messengers violation of their agreement.

16:10:152

## ELECTIONS

- Recollections of Mr. James A. Garfield. 2.  
16:22:340-1
- Ed. re elections and those who do the  
electing. 17:3:36
- Ed re comments on combinations in student  
elections. 17:20:219-
- Students meet; petition Election Day, Nov-  
ember 3, 1896, as U. holiday. 220  
20:8:5

## ELECTRICAL ENGINEERING DEPARTMENT

- Prof. George D. Shepardson takes chair  
of the department. 15:1:10
- Acquires \$3,000 for new equipment. 15:5:59
- Frank W. Springer appointed ass't. to  
Prof. Shepardson. 18:22:13
- Seniors petition to have the supervision of  
the lighting plant an elective. 19:10:11

ELECTRICAL ENGINEER'S CLUB

Organize, hold weekly meetings, elect officers.

Names given, 1890.

13:5:74

Organized, 1890.

13:6:90



## ELECTRICITY

- Effects of electricity upon industry discussed by Prof Shepardson, 1891. 15:7:80
- 300 volt storage battery constructed, 1891. 15:8:94
- School of Mines gets its electricity from generator in Science Hall. 23:13:163

ELFTMAN, ARTHUR H.    PhD '97

Elected Sigma Xi

Picture; brief biography

19:31:5

20:33:18

ELIASON, ADOLPH O.

"The Matadore, the Senorita and the Arena". 18:15:8-11  
Wins first place in the Pillsbury Prize  
Contest; summaries of winning speeches. 19:22:1-2  
Pen sketch and biography. 19:26:6

ELIOT, CHARLES W.

Editorial re address by President Eliot  
attacking the U's education methods, etc. 1891. 14:6:82

ELIOT, GEORGE

Editorial analyzing her works.

17:14:125-6

ELIZABETHAN PERIOD

"The Literature of the Age of Elizabeth". 2:1:3

ELLIOTT, CHARLES B.

"The United States and the North Eastern Fisheries", by Charles B. Elliott; contents. 11:5:50

Delivers lecture on Private Corporations. 17:2:27

Appointed to the bench of Hennepin county,  
1894. 17:14:130

ELLIOTT, JOHN

Detailed account of Prof. West's  
lecture on Sir John Elliott.

22:2:3:23



ELLITHORPE, CLARENCE

Essay, "Why I Am A Prohibitionist."

Elected to Phi Beta Kappa

16:8:114-15

18:25:3-4

ELMIRA COLLEGE

Essay on life at this women's college.

18:24:8

## ELOCUTION

- Prof. Lyman teaches class in elocution every Saturday afternoon, 1880. 3:7:80
- Students present Professor Lyman with a testimonial. 3:9:105
- Comment on importance of the diaphragm in good speaking. 4:3:28
- Miss Marion Lowell has class of 15 boys from U. 7:3:42
- Six or seven ladies have formed a class for elocutionary drill under Miss Lowell. 7:5:76
- (

ELSON, LOUIS CHARLES

Announcement of Mr. Elson's coming  
chapel appearance; brief biog.

23:13:161

Review of Mr. Elson's musical lecture.

23:15:194

ELWELL, HATTIE L.

Class prophecy of 1889.

12:10:199

ELY, RICHARD T.

To deliver course of lectures on Socialism  
before Guild of St. Mark's, 1892. 16:7:103

To lecture in St. Mark's Church, Nov. 13,  
1892. 16:9:134

To lecture at the 2nd Students' Christian  
Association course of Sunday evening addresses.  
16:9:135

To address the S. C. A. on "Christian Self-  
Sacrifice vs Asceticism," Nov 27, 1892. 16:10:151

EMBODY, EDITH

Description of life, climate, fashions, etc.  
of Los Angeles, 1885. Letter from former  
student.

8:7:103-104

EMERSON, EDWARD WALDO

To talk to Phi Beta Kappas, 1898

21:23:317

Brief biography; delivers annual Phi Beta  
Kappa oration

21:33:476-7



EMERSON, RALPH WALDO

- Comment on his work and several biographies  
which appeared in 1882. 5:5:69-70
- Notation of his death; a loss to the public. 5:9:135
- Comment on his line of thought. 5:9:135

## EMPLOYMENT

Article re the government as an employer. 17:30:379

The Associated Charities appeal for students to gather statistics re unemployment.

22:17:222

## EMPLOYMENT. STUDENT

- Faculty and Regents assist students in finding work. 1:2:16
- Employment available on University Farm. 1:2:16
- Wage rate at University Farm, 1878. 1:6:64
- Janitorial work for students. 1:9:97
- European students earn livelihood by giving private lessons. 3:5:53
- Article re student application for positions in the census of 1880. 3:8:94-95
- Students complain they don't receive fair wages for their work at the U farm. 7:1:4

EMPLOYMENT, STUDENT

2.

Essay by Mary G. Steele, "Working One's Way".

16:5:68-69

YMCA offers U. men employment on state  
committee.

17:9:142

Many students seek jobs with State as census  
takers, 1895.

18:29:6

YMCA to set up employment bureau, 1895.

18:33:15

Student vacation work listed.

20:13:13

"Working One's Way Through College", prize  
winning paper in Y.M.C.A. contest, published

21:27:371-2

EMPLOYMENT, STUDENT

3.

Essay re the life of student working his way through college

21:28:385-6

YMCA & YWCA offer prizes for the best essays on experiences of working your way through college; rules listed.

22:18:237

Essay contest on working one's way through college emphasized.

22:20:266-67

## ENGINEERING

Comment on progress made by engineers.

3:8:87-88

In comparison with other professions.

19:29:14-15

ENGINEERING, COLLEGE OF

- "Engineering News" offers prizes to engineers  
for graduation theses. 15:18:213
- To be combined with School of Mines and the  
College of Mechanical Arts, 1892. 15:28:332
- Five volumes of "The Locomotive" were pre-  
sented by Mr. J. M. Allen. 16:6:89
- Presented with a No. 3 steam jet pump by  
the Vanduzen Light Company of Cincinnati. 16:8:122
- Changes in the program for next term  
listed, 1892. 16:9:139

ENGINEERING, COLLEGE OF

2.

- Prof. Wadsworth states Juniors will have exam in mechanics. 16:9:139
- Arc light placed at entrance to chemical and physical laboratory. 16:11:169
- Receives sample of pumps and an engineer's brake valve. 16:13:200
- Civil dept. receives twisting rules and templets; blue prints from St. Paul city engineers. 16:14:217
- Mining dept. receives Bridgeman essay sampler, ore pulverizer, and an ore crusher; to receive electric motor. 16:14:217



ENGINEERING, COLLEGE OF

3.

- Engineer's annual to contain at least  
twenty pages. 16:15:234
- Article re Engineering college representa-  
tion on the Ariel board. 16:17:260-1
- Ore testing plant to be built. 16:17:264
- Civil Engineering Dept. receives ten vol-  
umes of reports by Chief of Engineers on  
river and harbor improvements. 16:18:283
- Contents of Eng. annual told; will appear  
in spring, 1893. 16:18:283
- (

ENGINEERING, COLLEGE OF

4.

Abolishment of School of Practical Mechanics,  
a preparatory course to the engineering course.

16:25:394

Article on laboratory fees.

16:26:413

Suggestion to estb. honorary society for  
engineers.

16:26:413

Engineer's Yearbook to be ready by the  
middle of May.

16:27:436

W.H. Kirchner is new member of Engineering  
faculty, 1894.

17:14:135

ENGINEERING, COLLEGE OF

5.

Prof. Jones and Gill arrange alternating sections for Mech. & Elect. Engineers. 18:12:12

History of this college traced; expansion and need for new tools noted. New U Central heating plant discussed by Dean Hall. 18:22:3-4

F. W. Springer, B.E.E. '93 has been appointed scholar in the Electrical Eng. Department. 18:22:10

E. C. Scofield, former S.E.E. student invents the "wire-gate" system adopted by the Mpls. Street Railway Co. 18:22:13

ENGINEERING, COLLEGE OF

6.

Prof. Hall, Hoag, Appleby and Winchell go to Taylor's Falls to look over site of proposed inter-state park. 18:24:12

Mining building finished and is said to be one of the best equipped in the world. 18:25:3

Prizes for best graduation theses in Civil, M.E., and Electrical courses offered. 18:25:13

Engineers express disappointment at exclusion of a new Engineering Bldg. from the appropriation bill. 18:27:12

ENGINEERING, COLLEGE OF

7.

- Superiority of the new yearbook described;  
ready for distribution, May, 1895. 18:29:4
- F. H. Constant, municipal designing engineer  
of Cleveland firm will instruct Civ. Eng. at U.  
Brief biog. 19:2:2
- Total enrollment is 135 in 1895. 19:3:10
- Civil engineers take field trip to Columbia  
Heights. 19:5:10
- Account of Senior Civil's field trip. 19:8:15-16
- Contents of Prof. Hibbard's work in loco-  
motive engineering outlined. 19:9:1

ENGINEERING, COLLEGE OF

8.

Prof. Shepardson organizes class for physicians  
to study electro-therapeutics. 19:11:14

Discussion of plan for Master's Degree in  
Engineering. 19:13:3

Faculty committee investigates report that  
engineering students are overworked. 19:15:9

Enrollment:176 in winter, 1896. 19:15:10

Ariel states that engineering class hours  
should be lessened. 19:15:11

Prof. W. R. Hoag defends curriculum for  
engineers. 19:16:1

ENGINEERING, COLLEGE OF

9.

Pi Sigma, honorary Engineering society, lists  
new members; discussion of the society. 19:17:5

Account of Railway Economics class field  
trip to Railroad shops. 19:19:15

Courses examined; educators believe that  
curriculum should include liberal arts courses.  
19:20:3

Faculty decides to separate the Engineers  
from the Academic Department. 19:20:15

Discussion of degrees granted to engineers  
after three year's of professional practice. 19:21:6

ENGINEERING, COLLEGE OF

10.

Prof. Hibbard reports on Eastern locomotive testing plants; U. hopes to pattern one after the Northwestern University plant. 19:21:14

Results of lathe-voting contest. Faculty fails to pass motion to confer full degree after three years of professional practice. 19:23:4

Prof. Haynes appt. full professor and made head of the Engineering Math. dept. 19:24:13

Bill in U. S. Senate for establishment of engineering experimental stations, 1896. 19:26:3



## ENGINEERING, COLLEGE OF

11.

Mining Engineers to spend month on the iron ranges.	19:26:8
Students to tour Walter & Wood Harvester Works at North St. Paul.	19:26:9
Enrollment is 191 in 1896.	19:30:14
Enrollment is 135 in 1896, fall.	20:2:16
A.B. Choate lectures Engineers on state laws in regard to roads.	20:16:14
Agenda of special lecture course.	20:20:14
Spring term lectures listed, 1897.	20:22:20
Seniors ask Pres. Northrop to confer Engineer degree starting with 1897 class	20:25:20

## ENGINEERING, COLLEGE OF

12.

Bill introduced in legislature which gives \$12,000 for engineering equipment	20:27:15
Required courses in mathematics listed	20:27:15
Account of reception for Senior M.E. students given by Prof. & Mrs. Smith	20:28:8
Governor signs bill for \$12,000 equipment appropriation; distribution listed	20:28:15
Distribution of \$12,000 legislative appropriation listed	20:30:14
Examinations in shop, laboratory, and design work abolished	20:32:15

**ENGINEERING, COLLEGE OF****13.**

- To confer degree of engineer on graduates  
instead of bachelor of engineering, 1897 20:33:22
- Frank H. Constant made full Prof. of  
structural engineering, 1897 20:33:22
- Departmental achievements and equipment  
additions listed, 1897 20:33:38
- U.S. Coast & Geodetic Survey recalls \$1200  
worth of instruments 21:3:45-6
- Equipment additions to mechanical engineer-  
ing laboratory listed 21:9:125

ENGINEERING, COLLEGE OF

14.

Letter re need for engineering faculty  
committee to study status of engineering  
students 21:12:161

Senior Electricals put wiring under floor  
in electrical lab; was overhead before 21:12:164

Bd. of Regents gives Engineering faculty  
authority to handle all matters pertaining to  
College of Engineering 21:14:184

Prize offered to best essay by Civil  
Engineering Sophomore 21:19:258

Mining engineers take field trip to Mon-  
tana 21:26:366

ENGINEERING, COLLEGE OF

15.

- Regents add thesis and evidence of professional success to degree requirements 21:27:373
- Banquet to be held for faculty, alumni, and undergraduates, May 30, 1898 21:32:454
- To publish term bulletin containing faculty and student engineering articles 21:33:486
- John J. Flather takes charge of the dept. of Mechanical Engineering, 1898; brief biog. 22:1:4
- Editorial pointing out Engineers' need of Rhetoric. 22:7:96

ENGINEERING, COLLEGE OF

16

Suggested improvements in course taught to Engineers.

22:8:111

Senior engineers to have party at Delta U house, 1898.

22:12:157

A five-year course for a B.S. and M.S. adopted.

22:18:246

Review of Mr. T. Hibbard's lecture on Hydro-Elec. Power Plants.

22:19:261-62

Engineering dept. states its needs.

22:19:262

Comp. mil. drill for frosh abolished; more electives offered and other curriculum changes noted.

22:22:304

ENGINEERING, COLLEGE OF

17.

Enrollment distribution listed

22:24:334

Description of need for an adequate  
Engineering Building, 1899

22:24:334-35

Regents approve five-year Eng. course;  
more cultural studies included.

22:27:376-77

Mechanical dept. receives a \$20,000  
appropriation; also an appropriation for  
the Physical lab. building.

22:28:390

The Mississippi River Commission hires  
U. students for its topographic survey, 1899.

22:31:430

ENGINEERING, COLLEGE OF

18

A brief review of the civil engineering job outlook, 1899.

22:33:456

Photograph of Engineers' building, 1899.

22:34:482

F.W. Jones visits other universities for best ideas in physical laboratories; plans for new physics building described.

22:2:1:8

Photograph of Engineers' Building, 1899.

22:2:4:32

Law is passed requiring license for all electrical work.

23:1:12



ENGINEERING, COLLEGE OF

19

Thomas Alfred Clark acting instructor in  
Math; brief biog.

23:2:23

Account of field trip to the Brainard  
Railroad shops.

23:7:90-91

There are 160 Engineering students,  
fall of 1899.

23:7:91

Description of foundry remodeling.

23:11:140

Freshmen Engineers required to take  
rhetoric and composition once a week  
throughout the year; exemption exam  
will be given.

23:17:217

ENGINEERING EXPERIMENT STATION.

Bill in U. S. Senate for establishment of  
engineering experimental station, 1896.

19:26:3

## ENGINEERING LECTURE COURSE

Coming lectures listed; Prof. Hoag is originator of the course.

19:23:4

**ENGINEERING SOCIETY**

**See**

**ENGINEER'S CLUB**

## ENGINEER'S CLUB

- Prof. Barr elected vice-president. 10:6:85
- Organized and elected officers, December,  
1889. 12:4:77
- Officers elected, 1889. 13:2:26
- Hears talk by Prof. Pike. 13:5:74
- Meets, elects officers; names given, 1890. 13:9:147
- Elections, 1891. 14:9:136
- Meeting held; new secretary elected; committee  
appointed to see about having program changed  
second term of junior and senior years, 1891. 15:6:70
- To hold meetings every Saturday. Students  
should join for new material will be presented. 15:6:70-1

ENGINEER'S CLUB

2.

- Meeting poorly attended. program mentioned. 15:8:94-95
- Program for December 12, 1891. 15:14:166
- Report of meeting held, February 1892. 15:21:250
- Thoroughly considers feasibility of publishing engineering annual. 15:27:323
- Hold annual election, 1892; names of officers and the members of the board of the Engineering annual given. 15:29:361
- Make fine showing in the Quarterly Bulletin. 16:2:27
- William R. Hoog addresses Engineers' Society on "The True Engineer". 16:3:43

ENGINEER'S CLUB

3.

William R. Hoag delivered lecture before the  
Engineer's Society. 16:4:53-54

Hold meeting, Oct., 1892. 16:4:58

Addressed by Mr. White on the steam shovel and  
Mr. McNair on street railway motors. 16:6:89

Meeting, paper presented by Prof. Shep-  
erdson. 16:8:122

Meeting held, Nov. 5, 1892. C.H. Chambers  
spoke on the "Electric Elevator"; A. Burt  
on his experiences in Milwaukee engine mfg.  
shop 16:9:139

## ENGINEER'S CLUB

4.

- Program and meeting, Nov 12, 1892. 16:10:154
- Larger active membership than any other college organization at U, 1893. 16:21:328
- Meeting Mar 11, 1893. Address by Mr. Steiner. 16:22:346
- Publishes yearbook. 16:29:473
- Engineer's society of Princeton suggests a union be formed between different college Engineering societies. 16:30:493
- Annual published. 16:30:493
- To resume weekly meetings. 17:3:44



## ENGINEER'S CLUB

5.

Summary of meeting October, 1893.	17:6:90
Hears lecture on bridge-building, 1893.	17:8:131
Prof. Hoag to lecture, March, 1894.	17:21:241
Yearbook published, 1894.	17:32:418- 419
Business manager of yearbook gives report.	18:3:14
Dean Hall suggests society be literary as well as classical.	18:5:12
Wm. A. Pike lectures Society of Engineers on "Hot Blast for Heating".	18:9:14

ENGINEER'S CLUB

6.

- Prof. Haynes to lecture Society of Engineers  
re "The Reduction of Copper Ore". 18:17:12
- Geo. L. Wilson, St. Paul Asst. City Engineer,  
to speak on "Sewer Assessments." 18:18:13
- Annual election of officers and editors  
for the Engineer's Yearbook to take place. 18:28:11
- New officers listed, May, 1895. 18:29:10
- Article re next meeting and speaker. 18:30:2-3
- Comment on Engineer's yearbook and its  
excellence. 18:31:4-5

ENGINEER'S CLUB

7.

- Mr. Jones '96 elected pres. to replace  
Mr. Burt, resigned. 19:3:9
- Meeting Oct. 5, 1895 to reorganize and con-  
sider future course of the society. 19:4:12
- Purpose of society stated for new students. 19:4:13
- Meeting to select organizing committees  
held. 19:7:12
- Reports on meeting held, Nov., 1895. 19:10:11
- Adopts new constitution; gives account of  
meeting. 19:13:12
- Program listed. 19:14:12

ENGINEER'S CLUB

8.

Program listed.	19:18:11-12
Prof. Hoag reads paper at meeting.	19:21:3
Will hear Prof. Jones speak on Roentgen (X) Rays.	19:22:3
Hears paper on "Storage Batteries".	19:23:9
Meeting summarized; program committee re- signs.	19:25:16
Publishes fourth annual year book.	19:26:8
Election of officers May 1, 1896.	19:27:10
Engineer's Year Book is out; description given.	19:29:4

ENGINEER'S CLUB

9.

- Holds annual election of officers; names listed. 19:29:4
- Editor's meeting selects chief and bus. mngr. 20:10:15
- Prof. Hoag reads paper. 20:17:11
- Review of last program; future speakers listed. 20:19:14-15
- Officers listed 20:30:14
- Annual to appear May 17, 1897; contents reviewed 20:31:14
- Review of fifth vol., 1897 yearbook 20:32:6
- Review of year's work 20:33:38

ENGINEER'S CLUB

10.

Meeting listed	21:1:13
Review of Prof. Denton's lecture "Mining in the Lake Superior Region"	21:4:58
Wm. R. Hoag lectures on "The Holland of Minnesota", the Red River Valley drainage system	21:6:83
Editor and board members for yearbook listed	21:9:119-20
Program reviewed	21:10:140
Pres. Northrop speaks to group	21:13:177
Prof H. Wade Hibbard addresses group	21:13:177

ENGINEER'S CLUB

11.

- Prof. Arthur E. Haynes elected honorary member by unanimous vote; account of meeting 21:20:272-3
- Prof. Smith reads paper before group; next meeting's program given 21:23:320
- Account of lecture on New York by A.C. Beyer '96 21:24:339
- A.B. Choate to speak on "Good Roads" 21:26:367
- Winners of prize contest and subjects listed 21:27:381
- Limited edition of yearbook to appear '98 21:30:422

ENGINEER'S CLUB

12.

Program listed; review of last program on "Harbors"	21:30:422
Officers listed	21:31:440
Review of year's work	21:32:454-5
Photograph of yearbook board	21:32:455
Invites Miners to rejoin them.	22:4:56
Program listed.	22:5:70
Adopts constitution; officers listed.	22:7:99
Account of meeting.	22:9:121
Yearbook representatives listed.	22:11:146



ENGINEER'S CLUB

13.

- Dr. Eddy to speak on "Sanitary Engineering". 22:12:157
- Hears Mr. Choate speak on "Good Road Legislation." 22:17:229
- E.M. MacKusic elected editor of yearbook. 22:18:246
- Description of program. 22:21:289
- Lecture topic listed. 22:22:302
- Program listed 22:23:322
- Prof. Hoag again offers prizes for Year Book essays. 22:23:323

ENGINEER'S CLUB	14.
Hears lecture on "Gas Engines".	22:24:334
Review of a talk on copper wire.	22:25:350
Review of lecture on American Water Power.	22:27:376
Program reviewed.	22:30:416
Program listed; notice of Business meeting.	22:31:430
Account of last meeting; next year's officers listed.	22:32:444
Invites Freshmen; looks for office space and meeting room.	23:1:12

**ENGINEER'S CLUB**

15.

Officers listed	23:3:40
To visit sugar factory.	23:4:53
To visit new dam; new officers listed.	23:5:66-67
Gets early start on yearbook.	23:7:91
Program listed	23:11:140
Granted use of tower room on 4th floor of Mechanic Arts bldg.	23:12:151
Prof. Barr of Cornell lectures to group.	23:16:206
Program listed	23:18:229
Dr. H.T. Eddy to lecture.	23:20:252

ENGINEER'S CLUB

16.

Program described.

23:21:265

Walter B. Snow to lecture on "Mech.  
Ventilating and Heating by Forced Circulation  
of Warm Air".

23:26:332

Charles L. Pillsbury to lecture on  
Standard Methods of Electric Wiring.

23:28:356

ENGINEER'S YEAR BOOK

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ENGINEER'S CLUB.