

# Baily, Joseph T. Engineering Lecture Notes

Joseph T. Baily Engineering Lecture Notes

1870



## Title Statement

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## Revision Description

**2020-09-21** Finding aid notes updated to new department standards. juliags

## Descriptive Summary

### Unit ID

Ms.1993.006

### Unit Date

1870

### Language

The materials in the collection are in English.

### Abstract

Lecture notes on engineering and mechanics taken by Joseph T. Baily, a student at Rensselaer Polytechnic Institute (Troy, New York) in 1870.

### Creator

Baily, Joseph T.

### Extent

0.1 Cubic Feet 1 folder

## Repository

Special Collections and University Archives, Virginia Tech

# Administrative Information

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## Immediate Source of Acquisition

The Joseph T. Baily Engineering Lectures Notes were purchased by Special Collections and University Archives in 1993.

## Processing Information

The processing and description of the Joseph T. Baily Engineering Lecture Notes commenced and was completed in October, 2023.

## Preferred Citation

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Joseph T. Baily Engineering Lecture Notes, Ms1993-006, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

# Biographical / Historical

Joseph T. Baily graduated from Rensselaer Polytechnic Institute in 1870, with the thesis "Review of the Locomotive Engine 'No. 14,' of the Lehigh & Susquehanna Railroad Co." He is presumably the Joseph Tatnall Baily memorialized in Cedar Lawn Cemetery, Paterson (Passaic County), New Jersey. Son of Tatnall and Jane Van Blarcom Baily, he was born in New York on September 20, 1848; he died at Jersey City, New Jersey, on January 15, 1873.

# Scope and Contents

This collection consists of a single hardbound notebook containing notes on engineering and mechanics, taken by Joseph T. Baily, a student at Rensselaer Polytechnic Institute (Troy, New York) in 1870. The majority of the notes were based on lectures by Charles McMillan (1841-1927), professor of geodesy at Rensselaer from 1865 to 1871. The notes cover such subjects as construction of earth dams, strength of materials, and railroad engineering. Included among the notes are various small sketches. A program for the reading of senior theses at Rensselaer in 1870 is tipped into the front of the volume.

# Keywords

Science and Technology

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# Description of Subordinate Components

## Lecture notes

**Unit Date** 1870

**folder** 1