

Engineering Economy

Last Updated: Tue, 03/17/2026

Course prefix: ISYE

Course number: 3025

Section: MW3

CRN

54421

Instructor first name: Tugba

Instructor last name: Ayer

Semester: Summer

Academic year: 2026

Course description:

Introduction to engineering economic decision making, economic decision criteria, discounted cash flow, replacement and timing decisions, risk, depreciation, and income tax.

Academic honesty/integrity statement:

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor.

Students are expected to act according to the highest ethical standards. Any student suspected of cheating or plagiarism on a quiz, exam, or assignment will be reported to the Office of Student Integrity, which will investigate the incident and identify the appropriate penalty for violations. You are expected to adhere to the Georgia Tech Honor Code. For more information, see: <https://osi.gatech.edu/students/honor-code>.

In addition, faculty and students have drawn up a list of mutually beneficial expectations; please see: <http://www.catalog.gatech.edu/rules/22/>

Students may not submit any work that has been turned in for credit for a previous course. Be aware that different software techniques & methods may be utilized to check this (for example, IP addresses and activity are logged in Canvas).

Core IMPACTS statement(s) (if applicable):

This course helps students develop skills in quantitative reasoning, problem-solving, and analytical decision-making. Students will strengthen their ability to interpret data, evaluate trade-offs, and communicate results clearly—skills that are essential in engineering, business, and many other professional fields.