

# Engineering Economy

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Last Updated: Tue, 03/17/2026

**Course prefix:** ISYE

**Course number:** 3025

**Section:** B11

**CRN**

92328

**Instructor first name:** Tugba

**Instructor last name:** Ayer

**Semester:** Fall

**Academic year:** 2026

**Course description:**

Methods of economic analysis in engineering, including time value of money, equivalence, economic measures of worth, selection rules for alternatives, income taxes, equipment depreciation, inflation, and uncertainty.

**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.