ELEN 4320 / EECE 5320 – Digital Control Systems
Fred J. Frigo, Ph.D.
Spring 2019

Summary:
Review of sampling processes, discrete time linear systems analysis and z-transform. Discrete time and sampled data state-variable analysis. Stability analysis, time domain and frequency-domain analysis and design. Analysis, design and computer implementation of digital algorithms and control systems.

Location & Schedule:
Class meets Tuesdays & Thursdays: 5:30pm-6:45pm
Haggerty Engineering Hall - Room 125
Midterm Exam: Thursday, March 7, 2019
Final Exam: Tuesday, May 7, 2019
No class – Spring Break – Tuesday and Thursday, March 12 & 14, 2019
No class – Easter Break – Thursday, April 18, 2019

Grading:
Homework: 60%
Mid-term exam: 20%
Final exam: 20%

Required Text:
ISBN-10: 0133286428

Attendance Policy:
Attendance will be taken. Consult Marquette University Undergraduate Bulletin for additional details. Unexcused absences may result in supplemental assignments.

Office Hours:
After class or by appointment – Haggerty Hall – Room 235

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