



# Introduction to ***Mechatronics*** for Computer Scientists



**Workshop** for  
**Computer Science and  
Engineering students**



**Date:** *Nov 5, 2016 (Saturday)*

**Time:** *9:00am - 5:00pm*

**Location:** *Avon Williams Campus Room-212*

**Instructors:** *Dr. A. Bugra Koku  
Dr. Ali Sekmen*

*This introductory workshop will focus on  
software development approaches for  
modern hardware*

**Fee (\$150) includes 7 hours of teaching,  
lecture notes, and lunch.**

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## CONTENTS

- ✓ What is Mechatronics?
- ✓ Mechatronics Design in a Nutshell
- ✓ Role of Computer Science in Modern Mechatronics
- ✓ Modern Approach for Hardware & Software Integration

## OUTCOMES

- ✓ Understanding of Fundamental Concepts in Mechatronics
- ✓ Understanding of Hardware & Software Integration Issues and Solutions
- ✓ Verification of Workshop Participation