

Introduction to EDD 104 and Design Project

Class No. 01

EDD 104 – Spring 2020

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

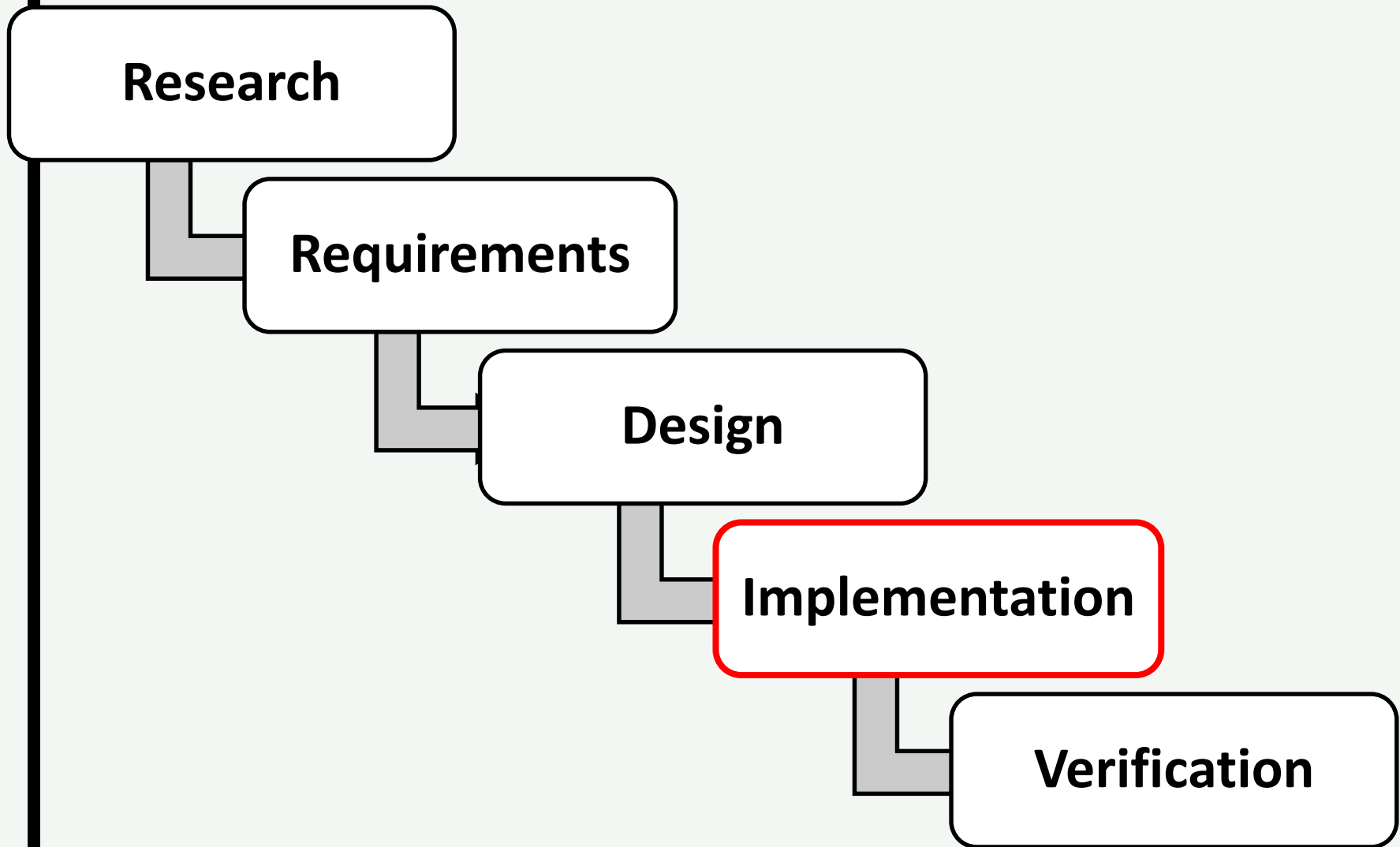
Thomas J. Watson
School of Engineering
and Applied Science

- **Instructor/UCA Introductions**
- **EDD 104 Semester Preview**
- **Evaluating Sources**
 - Evaluating Source Exercise
- **Research Basics**
 - Find Source Exercise
- **APA Formatting**
 - Complete Research Table for source

Introductions

EDD 104 Semester Preview

- General Education “C & O = J”
- Engineering Design Project
 - Research methods
 - Professional report writing
 - Public presentation techniques
 - Teamwork skills



EDD 104 - Class

Mon	Tues	Wed	Thurs	Fri
Martin Luther King Day: 20 JAN (No Classes)	Class 01: APA Format; Research Basics	Class 01: APA Format; Research Basics	Class 01: APA Format; Research Basics	Class 01: APA Format; Research Basics
Class 01: APA Format; Research Basics	Class 02: Project Analysis	Class 02: Project Analysis	Class 02: Project Analysis	Class 02: Project Analysis
Class 02: Project Analysis	Class 03: Research Report Prep.	Class 03: Research Report Prep.	Class 03: Research Report Prep.	Class 03: Research Report Prep.
Class 03: Research Report Prep.	Class 04: Research Report Workshop	Class 04: Research Report Workshop	Class 04: Research Report Workshop	Class 04: Research Report Workshop
Class 04: Research Report Workshop	Class 05: Requirements	Class 05: Requirements	Class 05: Requirements	Class 05: Requirements
Class 05: Requirements				

Research Phase

- Literature Review
- Research Report

Requirements Phase

- Req. Structure
- Evaluation Criteria
- Req. List

	Class 06: Brainstorm Viable Designs	Class 06: Brainstorm Viable Designs	Class 06: Brainstorm Viable Designs	Class 06: Brainstorm Viable Designs
Class 06: Brainstorm Viable Designs	No Class	No Class	Winter Break (No Classes)	Winter Break (No Classes)
Class 07: Viable Design Presentation for Review	Class 07: Viable Design Presentation for Review	Class 07: Viable Design Presentation for Review	Class 07: Viable Design Presentation for Review	Class 07: Viable Design Presentation for Review
Class 08: Viable Design Presentation to Team	Class 08: Viable Design Presentation to Team	Class 08: Viable Design Presentation to Team	Class 08: Viable Design Presentation to Team	Class 08: Viable Design Presentation to Team
Class 09: Team Assessment	Class 09: Team Assessment	Class 09: Team Assessment	Class 09: Team Assessment	Class 09: Team Assessment

Design Phase

- Viable Design Report
- Viable Design Presentation
- Design Evaluations

Class 10: Verifications	Class 10: Verifications	Class 10: Verifications	Class 10: Verifications	Class 10: Verifications
Class 11: Final Design Report and Presentation	Class 11: Final Design Report and Presentation	Class 11: Final Design Report and Presentation	Class 11: Final Design Report and Presentation	Class 11: Final Design Report and Presentation
Class 12: Final Design Presentation Rehearsal	Class 12: Final Design Presentation Rehearsal	Class 12: Final Design Presentation Rehearsal	Class 12: Final Design Presentation Rehearsal	Class 12: Final Design Presentation Rehearsal
Class 13: Final Design Presentations	Class 13: Final Design Presentations	Class 13: Final Design Presentations	Class 13: Final Design Presentations	Class 13: Final Design Presentations
Last Day of Classes May 5 (No Classes)				

Verification Phase

- Verifications
- Final Design Report
- Final Design Presentation