

CSE 2502S (Approved): Digital Bridge

Course Description

Organization and information relationships in building community computing; technical inter-workings of components, wireless networking, and software; refurbishing computers and teaching customer service best practices.

Transcript Abbreviation: Digital Bridge

Grading Plan: Satisfactory/Unsatisfactory

Course Deliveries: Classroom

Course Levels: Undergrad

Student Ranks: Sophomore, Junior, Senior

Course Offerings: Autumn, Spring

Flex Scheduled Course: Never

Course Frequency: Every Year

Course Length: 14 Week

Credits: 0.0

Repeatable: No

Time Distribution: 1.0 hr Lec

Expected out-of-class hours per week: -1.0

Graded Component: Lecture

Credit by Examination: No

Admission Condition: No

Off Campus: Never

Campus Locations: Columbus

Prerequisites and Co-requisites:

Exclusions:

Cross-Listings:

The course is required for this unit's degrees, majors, and/or minors: No

The course is a GEC: No

The course is an elective (for this or other units) or is a service course for other units: Yes

Subject/CIP Code: 14.0901

Subsidy Level: Baccalaureate Course

Course Goals

Understand organization and information relationships in building community computing.
Acquire basic technical understanding of inter-workings of components, wireless networking and software.
Acquire skills for refurbishing computers.
Learn customer service best practices.

Course Topics

Topic	Lec	Rec	Lab	Cli	IS	Sem	FE	Wor
Organization and information relationships	1.0							
Technical inter-workings of components, wireless networking and software	3.0							
Refurbishing computers	3.0							
Customer service best practices	3.0							

Topic	Lec	Rec	Lab	Cli	IS	Sem	FE	Wor
Additional topics based on student interests and background.	4.0							

Grades

Aspect	Percent
Homeworks	20%
Labs	40%
Participation	40%

ABET-EAC Criterion 3 Outcomes

Course Contribution	College Outcome
a	An ability to apply knowledge of mathematics, science, and engineering.
b	An ability to design and conduct experiments, as well as to analyze and interpret data.
c	An ability to design a system, component, or process to meet desired needs.
d	An ability to function on multi-disciplinary teams.
e	An ability to identify, formulate, and solve engineering problems.
f	An understanding of professional and ethical responsibility.
g	An ability to communicate effectively.
h	The broad education necessary to understand the impact of engineering solutions in a global and societal context.
i	A recognition of the need for, and an ability to engage in life-long learning.
j	A knowledge of contemporary issues.
k	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

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