

ADLTED 744 Course Outline as of Fall 2017**CATALOG INFORMATION**

Dept and Nbr: ADLTED 744 Title: SURVEY BUILDING & CONSTR

Full Title: Survey of the Building Trades and Construction Industry

Last Reviewed: 2/7/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0	Lecture Scheduled	0	10	Lecture Scheduled	0
Minimum	0	Lab Scheduled	5.00	2	Lab Scheduled	50.00
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	50.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 50.00

Title 5 Category: Non-Credit

Grading: Non-Credit Course

Repeatability: 27 - Exempt From Repeat Provisions

Also Listed As:

Formerly:

Catalog Description:

Overview of the construction industry, the building design process, construction project process, and roles and responsibilities of those involved: clients, architects, engineers, contractors, project managers, technicians, sub-contractors, workers, suppliers, regulatory agencies, bankers, lawyers, and the public. Includes an overview of career opportunities.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: Overview of the construction industry, the building design process, construction project process, and roles and responsibilities of those involved: clients, architects, engineers, contractors, project managers, technicians, sub-contractors, workers, suppliers, regulatory agencies, bankers, lawyers, and the public. Includes an overview of career opportunities. (Non-Credit Course)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Exempt From Repeat Provisions

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: **Area** Effective: Inactive:

CSU GE: **Transfer Area** Effective: Inactive:

IGETC: **Transfer Area** Effective: Inactive:

CSU Transfer: Effective: Inactive:

UC Transfer: Effective: Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Classify basic work tasks into particular crafts or trades.
2. Identify trade(s) that meet the student's skills, aptitudes, and physical abilities.
3. Develop a basic resume and interviewing skills.
4. Perform effective job searching networking, outreach services, and through trade unions.

Objectives:

Upon completion of the course, students will be able to:

1. Identify roles, crafts and trades of individuals working in the construction industry
2. Examine the building design process
3. Analyze the construction design process
4. Identify participants in the construction design process and analyze and compare their roles and responsibilities
5. Apply a problem-solving process to common problems encountered in a construction project
6. Identify possible career opportunities within the industry

Topics and Scope:

I. Construction Trades

- A. Types of trades
- B. Basic work performed by the craft
- C. Residential, commercial, and public works
- D. Green construction

II. Trade Unions

- A. Local unions
- B. Prevailing wages

- C. Union apprenticeships
- III. Job Search Skills
 - A. Communication skills
 - B. Resume writing
 - C. Interviewing skills
 - D. Portfolio development
 - E. Conduct job search using computers

Assignment:

1. Weekly quizzes (4 - 8)
2. Group discussion and problem-solving activities (4 - 8)
3. Group research and presentation about a particular trade
4. Individual research presentation about a specific job within a trade
5. Draft of resume and portfolio

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Draft of resume and portfolio	Writing 5 - 10%
-------------------------------	--------------------

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Group problem-solving activities	Problem solving 10 - 15%
----------------------------------	-----------------------------

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Group project or presentation; individual project or presentation	Skill Demonstrations 30 - 35%
---	----------------------------------

Exams: All forms of formal testing, other than skill performance exams.

Weekly quizzes	Exams 20 - 25%
----------------	-------------------

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation	Other Category 30 - 35%
------------------------------	----------------------------

Representative Textbooks and Materials:

Instructor prepared materials