

Different requirements of parameters are assigned to each student.

Analyze working situation of a hydraulic system.

Draft the schematic diagram of the hydraulic system.

Calculate the hydraulic system and select hydraulic components.

Make checking calculation of hydraulic system.

4 to 5 students form a group. Design integrated circuit according to the schematic diagram of the hydraulic system of a student in the group.

Distribute work to members in the group. Component drawings of one of the hydraulic manifold blocks are designed by one of the students.

Map the schematic diagram of the hydraulic system, the integrated circuit of the hydraulic system and component drawings of blocks.

Write design manual and make oral defense.

Teaching
objective 1

Teaching
objective 2

Teaching
objective 3

Teaching
objective 4

Quayle Idea For Teaching Design

**Edward Jewitt Wheeler, Isaac Kaufman
Funk, William Seaver Woods, Arthur
Stimson Draper, Wilfred John Funk**

Quayle Idea For Teaching Design:

Ideabook for Teaching Design Moura Quayle,1985 Enhancing Curricula Allan Davies,2002 Garden Design ,1986

Drawn to Design Eric Jenkins,2022-04-19 The book is a guide for students and teachers to understand the need for the role of and the methods and techniques of freehand analytical sketching in architecture The presentation focuses on drawing as an approach to and phase of architectural design The conceptual goal of this approach is to use drawing not as illustration or depiction but as exploration The first part of the book discusses underlying concepts of freehand sketching in design education and practice as a complement to digital technologies The main component is a series of chapters that constitute a typology of fundamental issues in architecture and urban design for instance issues of facade are illustrated with sketch diagrams that show how facades can be explored and sketched through a series of specific questions and step by step procedures In the expanded and updated edition a new part explores the questions and experiences of large architectural offices in applying freehand drawing in the practice of architectural design This book is especially timely in an age in which the false conflict between traditional vs digital gives way to multiple design tools including sketching It fosters understanding of the essential human ability to investigate the designed and the natural world through freehand drawing

Design Book Review ,1985 *Resources in Education* ,1991-07 **Proceedings of the ACSA Annual Meeting** Association of Collegiate Schools of Architecture,1989 **CELA 89** Council of Educators in Landscape Architecture. Meeting,1990

Landscape Architecture ,1988 **Successful Teaching** Scott D. Richman,Steve Permuth,Paula M. Richman,2013-03-14 Successful Teaching Practical Ideas to Make It Happen is written for all pre and in service teachers whether they are the 20 year veteran who needs a renewed sense of purpose new to the profession or planning to become a teacher It will also serve as a resource for administrators wishing to help teachers discover the enjoyment of their teaching This book is designed to be a reference to help teachers make their career more enjoyable and rewarding Teachers can pick it up at anytime and find something new to add to their bag of tricks **CELA ...** Council of Educators in Landscape Architecture. Meeting,1989

Facilitating Watershed Management Robert L. France,2005-03-31 Facilitating Watershed Management brings together myriad distinctive voices to create an experiential learning process drawn from the most important innovators in the field Presenting an introduction to the diversity of tools sociological pedagogical phenomenological needed to implement watershed management in the real world trenches the book helps move students and practitioners from being knowledgeable stewards of watersheds to becoming wise managers of watersheds *Design & Drawing* Richard L. Shadrin,1992 **CELA Forum 1985** ,1985 *Canadiana* ,1986 *Implementing Campus Greening Initiatives* Walter Leal Filho,Nandhivarman Muthu,Golda Edwin,Mihaela Sima,2015-01-21 Firmly rooted in the theory and practice of sustainable development this book offers a comprehensive resource on sustainability focusing on both industrialized and developing nations Implementing Campus Greening Initiatives Approaches Methods and Perspectives is an attempt to promote and disseminate the work being

done in this field by universities around the world The need to integrate the principles and concepts of green campuses and sustainability into the core of students educational experiences from high school to college or university has now been broadly recognized By doing so we can ensure that the students of today and tomorrow will acquire the knowledge skills attitudes and values needed to create a more sustainable economy and social environment **Designed Leadership** Moura Quayle,2017-07-18 Great leaders aspire to manage by design with a sense of purpose and foresight But too few leaders incorporate the proven practices and principles of the design disciplines Lessons learned from the world of design when applied to management can turn leaders into collaborative creative deliberate and accountable visionaries Design thinking loosens the mind and activates innovation It creates the conditions for employees to thrive and for all kinds of businesses to succeed In **Designed Leadership** the strategic design scholar and urban systems designer Moura Quayle shares her plan for integrating design and leadership translating processes principles and practices from years of experience into tools of change for professional leaders Quayle describes the key concepts of designed leadership such as make values explicit and learn from natural systems showing how strategic design can spur individual creativity and harness collective energy For managers at any level **Designed Leadership** uses original visuals and field tested examples to teach the kind of thinking theorizing and practicing that result in long lasting high performance in the workplace and beyond **The Literary Digest** Edward Jewitt Wheeler,Isaac Kaufman Funk,William Seaver Woods,Arthur Stimson Draper,Wilfred John Funk,1916

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