when Credit University student þe

students can participate in a and only sity courses given semester. legrity versity instruments develop classes of university that supplies University of the Future, important evaluation procedures must the learning style of the stuused. It method be maintained to protect the course. dent and the 오 and the student. traditional univerits S a set a course and its any size. The in-Fe consistent with nwo n are of finite size that evaluation 5 goals number of evaluation The uture whatever

## PHYSICAL PARALLELS BETWEEN UNIVERSITIES AND VIRTUAL

The munity of administrative job skills. Its resources classrooms, social/recreational clude is personal growth common focus of learnuniversity people laboratories instructors, with

sources tual university learning reinternet, electronic Instruction. In the virare television, library and desktop video replicated

given ment of letter grades is not consistent with the philosophy of the reaches the required level of performance

dialog teleph with lated rums resources can be used. Labor none live or

ministrative functions are accomplished online on a 24-hour basis, with human resources always available. dministration.

sity. tional universities will usually be preferred by recent These areas are least well served by a virtual univerhigh school graduates. For this reason tradi-

any ti of the Courses are adapted to the stitutions broad make university. of courses and professors, and rules are schedules cours has only a limited selection where tomiz the calendar and the rules prescribed by the institutains Control. In a ersity, the e learner and ed for specific ime, and operate 24control. The student range of courses, in-ons and professors. the the institution the learner choices from a are punitive virtual needs. cus-

## he electronic university of the future by Donald G Perrin

or local community atories can be simuand bulletin boards. through computer fo ultimedia instruction discussions via continuing

Ad-

Social/Recreational.

schedule and learning style hours. (Compare this with a traditional university students who do not fit into es can start and end at university infjexible,

> with high

struction, operation and maintenance of classcounseling, tutoring, men-toring and other services produce courseware, networks and nication technologies. Such are available online by telehuman services. Personal services would be staffed by phone or via other commuprofessionals and vol teers on a 24-hour basis. and maintain

## PART TWO

state of California has made guidelines for a period five years. This should provision for Charter Uni-versities that are exempted university structures, the the resource management meet the requirements and validate the systems of recruitment, instruction, sufficient time to establish from state experimentation and student feedback will evaluation, graduation and provement based on surveys Continuous quality ensure accrediting agencies. Charter. efficient operation accreditation To encourage with new period <u>ි</u> 6 ဂ္

> and supporting services.
>
> THE ADMINISTRATIVE quality courses

livery hours per week to enable admission, advisement, regmanagement system backed will be a powerful computer sources. nel. It will by human resource personistration, from course The hub of the university and rec selection, course de-**HUB** record keeping ely distributed accounting, operate

leading ware higher edcuation worldwide based on the teria: Curriculum will be inst following crilitutions selected from and course-

tolls.
—if Media dated to ensure it achieves of instructor taught courses. Courseware should be valldards, which versity of the Future techni--If Media taught, the courseware must meet Uniouts, relationships students, and assess diovisual materials, handquality of interaction, instructor must be ally acclaimed for lum design, teaching ability-curricuand pedagogical stan-If instruct reflect those presentation, or taught, the assessment t be nation-for his/her with au-

168 a lower rate. Courses validated by the University of the Future. Courseware ciplines and cutting technologies will be plinary courses and high curriculum priority. given

effects of weightlessness on human growth and devel-opment, design of closed ecosystems for space stastyles, computer art, fractals, holography, etc. And communications will focus manufacturing and the population of space. Art will foture focus. For example, science will focus on the cadre of scholars with a fuinnovations Deans for each discipline will explore the implications of current trends and cus on future themes tions, new energy, sources, architecture exploration, and develop or future

the Future will be given its Seal of Approval. Universi-ties wishing to add this seal to promote the sale of their yet validated will be so la-beled and may be charged at target groups similar to stu-dents of the University of students can design custom courses to meet their specific needs. Interdisciproducts will pay a charge for the right to use the seal. Courses will be modular and grams, new academic disaccurately described so that proedge not of

dividual to design hollstic programs to prepare them for their by students to design an individual program of study. The University of the Future will develop a cataproposed on career. resources that can be course shell structures Students will be encouraged log of established courses,

used

and

option to receive spe Students will have the

creased comprehension training such as: -Speed reading with cial inor

—Visualization and age interpretation; minute: 20,000 words im-

up to

per

ning skills; -Mind and mapping, planmemorization

cilitation for design, pro-duction and evaluation; and for non-verbal communication. -Interpretation skills Team planning and fa-

H

du

system nationwide plan, seek funding, set ley region to test prototype prototype management hub courses in the Silicon Val-MENTATION SCHEDU 1997-1995—Develop business 1996 PROJECTED IMPLE--Implement

state of California 1998-Expand -Expand program program

worldwide 1999--Expand program

stated

objectives

with

sign and artificial int puters, compression a rithms, object-oriented computers and super-comalgo-d detelli-

PROGRAM DESIGN University