# BYUTODAY

HUGH
NIBLEY ON
LEADERSHIP
AND
MANAGEMENT
HIGH TECH:
COMING OF AGE
AT BYU

BYU Today Staff
Publisher
Associate Publisher
Executive Editor
Editor
Assistant Editor
Photo Editor
Art Director
Assistant Designer
Production Manager
Records Manager
Business Manager
Alumni Biographer

Ronald G. Hyde
Stephen L. Barrett
Paul C. Richards
James P. Bell
Carri P. Jenkins
Mark Philbrick
Bryan L. Peterson
Linda A. Sullivan
Alfred C. Sanft
Joyce Baggerly
James R. Burton
Dorothy Reid

Advertising Sales Alan Knight Advertising Manager 255 Alumni House BYU, Provo, UT 84602 (801) 378-2515 1-800-453-3235 ext. 2515

Contributing Writers

Sue Bergin Gina Caldwell Brent Harker Mary Ellen Hickman JoAnn Jolley

Ellen Larsen Elaine Nielsen Nancy T. Wudel Ralph R. Zobell

#### BYU Alumni Association Officers 1983-84

President: Paul R. Eckel '59 President-Elect: Kieth Merrill '67 Past President: John B. Stohlton '59 Exec. Committee: Anne Pinnock '57 Exec. Committee: David K. Udall '60 Exec. Director: Stephen L. Barrett '68

**Board of Directors** Robert D. Bolinder '56 Burt W. Bullock '60 Katherine Carpenter '61 Richard K. Circuit '67 Jaroldeen Edwards '54 Oakley S. Evans '35 Greg Fullmer '84 Orville Cunther '37 Nan G. Hunter '61 Dan C. Jorgensen '63 Haunani Kaanaana '71 A. Creig MacArthur '63 Phillip W. Nolen '59 Steven Shallenberger '74 Milan D. Smith, Jr. '66 John A. Taylor '55 L. Berrett Wasden '57 A. Glee Zumbrennen '69 Alumni Association Staff Stephen L. Barrett '63 Joyce A. Baggerly '70 James P. Bell '77 Stephen T. Black James R. Burton '76 Charles D. Cranney '80 Richard D. Cox '55 Virginia H. Riggs '63 Ida Smith '78 Alan Knight '83 Kenneth J. Taylor '65

Annual Giving Staff LDS Foundation Dale R. McCann '66 John G. Lant '67 Michael D. Thomas '62

BYU TODAY is published six times a year by the Brigham Young University Alumni Association, Alumni House, Provo, UT 84602. Articles may be reproduced without permission, unless used for commercial purposes, if credit is given. BYU is a member of the Council for the Advancement and Support of Education.

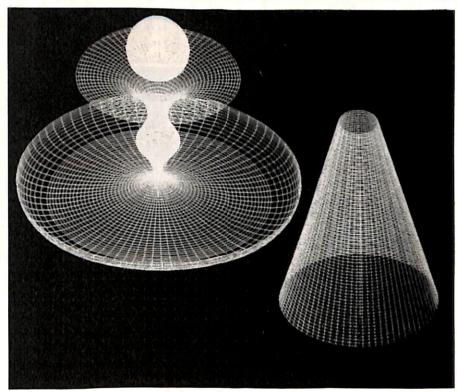
All persons who have attended BYU as full-time students are eligible for membership in the BYU Alumni Association, a non-profit corporation. Those who receive BYU TODAY include former students who have completed 24 hours or more, parents of students now enrolled, non-alumni donors, and others who subscribe at \$10 annually. All readers are invited to contribute \$10 or more as a "voluntary subscription." Please send contributions to BYU TODAY, Alumni House, Provo, UT 84602.





### **BYUTODAY**

February 1984 Volume 38, Number 1



Computers bring space-age design technology to BYU. See page 26.

#### 3 Letters

5 Commentary, by Dean Robert W. Spencer A look at BYU's admissions policies.

#### 6 News

Kennedy Center inaugurated, weather modification examined, Mike Farrell comes to BYU.

16 Leadership versus Management, by Dr. Hugh Nibley Why civilizations decline when management takes over.

20 On the Other Side of Timp, by Nancy T. Wudel
Once BYU's summer school, Aspen Grove is now a favorite family vacation spot.

26 Computer-Aided Industry: A Byte by Byte Approach, by JoAnn Jolley BYU's Department of Technology works to fill the ever-increasing needs of U.S. industry.

32 Our Changing, Challenging Environment

EPA Ass't. Administrator Joseph A. Cannon talks about today's environmental concerns.

34 Sports

'83 Holiday Bowl, Ladell Andersen and team begin first year together, Women's sports make high marks

39 Profiles

42 Deaths

Cover: Professor Emeritus Hugh Nibley. Photography by Mark Philbrick.

# LEADERSHIP VERSUS

ANAGEMENT

Leaders are movers and shakers, original, inventive, unpredictable, imaginative, full of surprises that discomfit the enemy in war and the main office in peace. Managers, on the other hand, are safe, conservative, predictable, conforming organizational men and team players, dedicated to the establishment.

wenty-three years ago on this same occasion I gave the opening prayer, in which I said, "We have met here today clothed in the black robes of a false priesthood." Many have asked me since whether I really said such a shocking thing, but nobody has ever asked what I meant by it. Why not? Well, some knew the answer already; and as for the rest, we do not question things at the BYU: But for my own relief, I welcome this opportunity to explain.

Why a priesthood? Because these robes originally denoted those who had taken clerical orders, and a college was a "mystery" with all the rites, secrets, oaths, degrees, tests, feasts and solemnities that go with initiation

into higher knowledge. But why false? Because it is borrowed finery, coming down to us through a long line of unauthorized imitators. It was not until 1893 that "an intercollegiate commission was formed to draft a uniform code for caps, gowns, and hoods" in the United States. Before that there were no rules-you designed your own-and that liberty goes as far back as these fixings can be traced. The late Roman emperors, as we learn from the infallible Du Cange, marked each step in the decline of their power and glory by the addition of some new ornament to the resplendent vestments that proclaimed their sacred office and dominion. Branching off from them, the kings of the tribes, who inherited the lands and the claims of the Empire, vied with each other in imitating the Roman masters, determined to surpass even them in the theatrical variety and richness of caps and gowns.

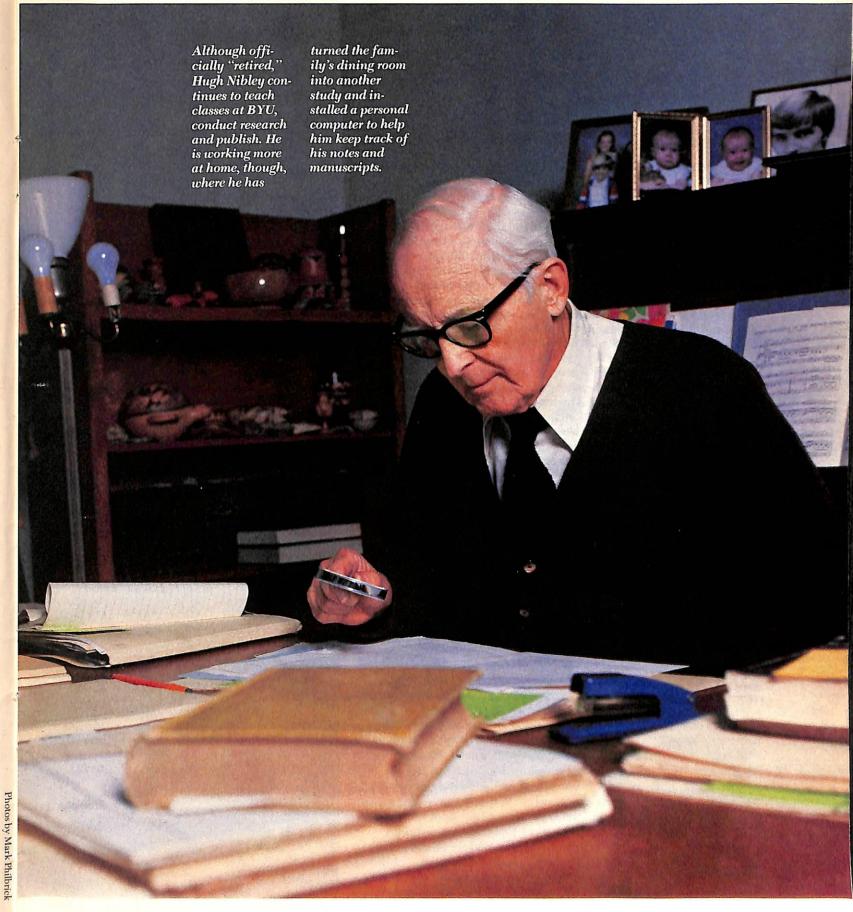
One of the four crowns worn by the

Dr. Hugh Nibley, professor emeritus of ancient scripture at BYU, delivered this address at the commencement services held at BYU on August 19, 1983.

Emperor was the mortar-board. The French kings got it from Charlemagne, the model and founder of their royal lines. To quote Du Cange, "When the French kings quitted the palace at Paris to erect a Temple of Justice, at the same time they conferred their royal adornments on those who would preside therein, so that the judgments that came from their mouths would have more weight and authority with the people, as if they were coming from the mouth of the Prince himself."

There is another type of robe and headdress described in Exodus and Leviticus and in the Third Book of Josephus' Antiquities, that being the white robe and linen cap of the Hebrew priesthood, which have close resemblance to some Egyptian vestments. They were given up entirely, however, with the passing of the Temple and were never even imitated again by the Jews. Both their basic white and their peculiar design, especially as shown in the latest studies from Israel, are much like our own temple clothing. This is not the time or the place to pursue a subject in which Elder Boyd K. Packer wisely recommends a judicious restraint: I bring it up only to ask myself, "What if I appeared for an endowment session in the Temple dressed in this outfit?" There would be something incongruous about it, of course, even comical. But why should that be so? The original idea behind both garments is the same—to provide a clothing more fitting to another ambience, action and frame of mind than that of the warehouse, office or farm.

Section 109 of the Doctrine and Covenants describes the function and purpose of the Temple as much the same as those of a university: a house where all seek learning by study and faith, by discriminating search among the best books (no official list is given) and by constant discussion-"diligently



is wrong, then, with the flowing robes? They are somewhat theatrical and too easily incline the wearer to masquerade and affectation. In the time of Socrates, the sophists were making a big thing of their special manner of dress and delivery. It was all for show,— "Dressing for Success" with a vengeance.

teaching one another words of wisdom," with everybody seeking greater light and knowledge as all things come to be "gathered in one," hence university.

Both the black and the white robes proclaim a primary concern for things of the mind and the spirit, sobriety of life and concentration of purpose removed from the largely mindless, mechanical routines of everyday world. The cap and gown also announce that the wearer has accepted certain rules of living and been tested in special kinds of knowledge.

What is wrong, then, with the flowing robes? For one thing, they are somewhat theatrical and too easily incline the wearer, beguiled by their splendor, to masquerade and affectation. In the time of Socrates the sophists were making a big thing of their special manner of dress and delivery. It was all for show, of course, but it was "dressing for success" with a vengeance; for the whole purpose of the rhetorical brand of education that they inaugurated and sold at top prices to the ambitious youth was to make the student successful as a paid advocate in the law courts. a commanding figure in the public assemblies or a successful promoter of daring business enterprises by mastering those irresistible techniques of persuasion and salesmanship that the sophists had to offer.

That was the Classical education that Christianity embraced at the urging of the great St. Augustine, who had learned by hard experience that you can't trust revelation because you can't control it-the Spirit bloweth where it listeth. What the church needed, he felt, was something more available and reliable than that, something handier and more reliable for the public than revelation or even reason, and that is exactly what the rhetorical education had to offer.

At the beginning of this century, scholars were strenuously debating the momentous transition from Geist to Amt, from spirit to office, from inspiration to ceremony in the leadership of the early church. This shift led to the inspired leader being replaced by the typical city bishop, an appointed and elected official who was ambitious, jealous,

The wealth of into remark, "Going to Professor formation that Dr. Nibley has Nibley with a committed to question is like going to a fire memory, coupled with his extensive hydrant for a library, prompted drink." one acquaintance



A lesser known side of Hugh Nibley is his musical ability. He often accompanies his wife, Phullis. who plays the cello.

calculating, power-seeking, authoritarian, and who was an able politician and a master of public relations-St. Augustine's trained rhetorician. At the same time, the charismatic gifts, not to be trusted, were replaced by rites and ceremonies that could be timed and controlled, all following the Roman imperial model, including the caps and gowns.

And down through the centuries the robes have never failed to keep the public at a respectful distance, inspire a decent awe for the professions and impair an air of solemnity and mystery that has been as good as money in the bank.

What took place in the Greco-Roman as in the modern Christian world was that fatal shift from leadership to management that marks the decline and fall of civilizations.

At the present time, Captain Grace Hopper, that grand old lady of the Navy, is calling our attention to the contrasting and conflicting natures of management and leadership. No one, she says, ever managed men into battle, and she wants more emphasis on teaching leadership. But leadership can no more be taught than creativity or how to be a genius. The Generalstab tried desperately for a hundred years to train up a generation of leaders for the German army, but it never worked, because the men who delighted their superiors (the managers) got the high commands, while the men who delighted the lower ranks (the leaders) got reprimands. Leaders are movers and shakers, original, inventive, unpredictable, imaginative, full of surprises that discomfit the enemy in war and the main office in peace. Managers, on the other hand, are safe, conservative, predictable, conforming organizational men and team players, dedicated to the establishment.

The leader, for example, has a passion for equality. We think of great generals from David and Alexander on down, sharing their beans or maza with their men, calling them by their first names, marching along with them in the heat, sleeping on the ground and being first over the wall. A famous ode by a longsuffering Greek soldier named Archilochus, reminds us that the men in the ranks are not

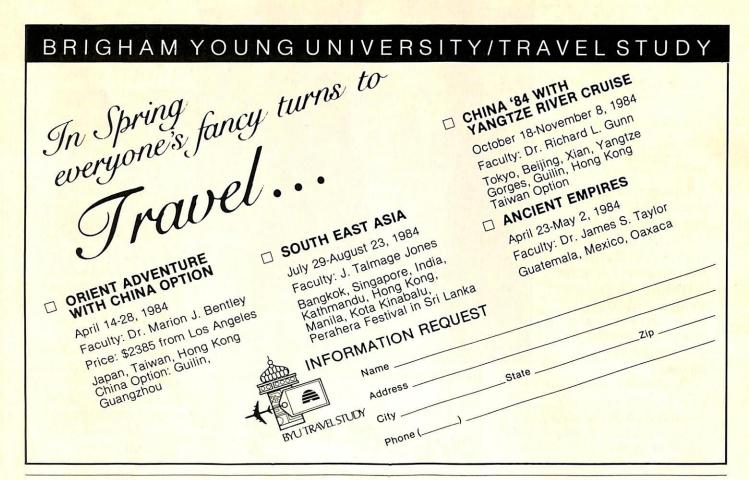
fooled for an instant by the executive type who thinks he is a leader.

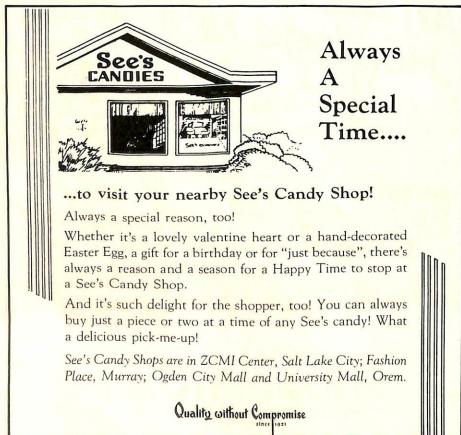
For the manager, on the other hand, the idea of equality is repugnant and indeed counterproductive. Where promotion, perks, privilege and power are the name of the game, awe and reverence for rank is everything and becomes the inspiration and motivation of all good men. Where would management be without the inflexible paper processing, dress standards, attention to proper social, political and religious affiliation, vigilant watch over habits and attitudes, etc., that gratify the stockholders and satisfy Security?

"If you love me," said the greatest of all leaders, "you will keep my commandments." "If you know what is good for you," says the manager, "you will keep my commandments-and not make waves." That is why the rise of management always marks the decline of culture. If the management does not go for Bach, very well, there will be no Bach in the meeting; if management favors vile, sentimental doggerel verse extolling the qualities that make for success, young people everywhere will be spouting long trade journal jingles from the stand; if the management's taste in art is what will selltrite, insipid, folksy kitsch-that is what they will produce; if management finds maudlin, saccharine commercials appealing, that is what the public will get; if management must reflect the corporate image in tasteless, trendy new buildings, down come the fine old pioneer monuments.

To Parkinson's Law, which shows how management gobbles up everything else, its originator added what he calls the "Law of Injelitance": Managers do not promote individuals whose competence might threaten their own position, and so as the power of management spreads ever wider, the quality deteriorates, if that is possible. In short, while management shuns equality, it feeds on mediocrity.

On the other hand, leadership is escape from mediocrity. All the great deposits of art, science and literature from the past on which all civilization must (Continued on page 45)







#### NIBLEY

(Continued from page 19)

mere handful of leaders. For the qualities of leadership are the same in all fields, the leader being simply the one who sets the highest example; and to do that and open the way to greater light and knowledge, the leader must break the mold. "A ship in port is safe," says Captain Hopper, speaking of management, "but that is not what ships were built for," she adds, calling for leadership.

To paraphrase one of the greatest of leaders, the founder of this institution: "There is too much of a sameness among our people. . . . I do not like stereotyped Mormons—away with stereotyped Mormons!" (Journal of Discourses, 13:153, 8:185.) True leaders are inspiring because they are inspired, caught up in a higher purpose, devoid of personal ambition, idealistic and incorruptible.

There is necessarily some of the manager in every leader (what better example than Brigham Young?), as there should be some of the leader in every manager. Speaking in the Temple to the Temple managementthe Scribes and Pharisees all in their official robes-the Lord chided them for one-sidedness: They kept careful accounts of the most trivial sums brought into the Temple; but in their dealings they neglected fair play, compassion and good faith, which happen to be prime qualities of leadership. The Lord insisted that both states of mind are necessary, and that is important: "These ought ve to have done [speaking of the bookkeeping], and not to leave the other undone." But it is the blind leading the blind, he continues, who reverse priorities, who "strain at a gnat and swallow a camel" (Matt. 23:23-24).

So vast is the discrepancy between management and leadership that only a blind man would get them backwards. Yet that is what we do. In that same chapter of Matthew, the Lord tells the same men that they do not really take the Temple seriously, while business contracts registered in the Temple they take very seriously indeed (Matt. 23:16–18). I have been told of a meeting of very influential businessmen in a distant place (who

happened also to be the heads of stakes) where they addressed the problem of how to stay awake in the Temple. For them what is done in the House of the Lord is mere quotafilling until they can get back to the real work of the world.

History abounds in dramatic confrontations between managers and leaders, but none is more stirring than the epic story of the collision between Moroni and Amalickiah, the one the most charismatic leader, the other the most skillful manager, in the Book of Mormon. We are often reminded that Moroni "did not delight in the shedding of blood" and would do anything to avoid it, repeatedly urging his people to make covenants of peace and to preserve them by faith and prayer. He refused to talk about "the enemy." For him they were always "our brethren," misled by the traditions of their fathers. He fought them only with heavy reluctance, and he never invaded their lands, even when they threatened invasion of his own, for he never felt threatened since he trusted absolutely in the Lord.

At the slightest sign of weakening by an enemy in battle, Moroni would instantly propose a discussion to put an end to the fighting. The idea of total victory was alien to him-no revenge, no punishment, no reprisals, no reparations, even for an aggressor who had ravaged his country. He would send the beaten enemy home after the battle, accepting their word for good behavior or inviting them to settle on Nephite lands, even when he knew he was taking a risk. Even his countrymen who fought against him lost their lives only while opposing him on the field of battle: There were no firing squads, and conspirators and traitors had only to agree to support his popular army to be reinstated. With Alma, Moroni insisted that conscientious objectors keep their oaths and not go to war even when he desperately needed their help. Always concerned to do the decent thing, he would never take what he called unfair advantage of an enemy. Devoid of personal ambition, the moment the war was over he "yielded up the command of his armies . . . and retired

to his own house . . . in peace" (Alma 62:43), though as the national hero he could have had any office or honor. His motto was, "I seek not for power," and as to rank he thought of himself only as one of the despised and outcast of Israel. If all this sounds a bit too idealistic, may I remind you that there really have been such men in history, hard as that is to imagine today.

Above all, Moroni was the charismatic leader, personally going about to rally the people, who came running together spontaneously to his "Title of Liberty," the banner of the poor and downtrodden of Israel (Alma 46:12, 19-21). He had little patience with management and let himself get carried away and wrote tactless and angry letters to the big men sitting "upon [their] thrones in a state of thoughtless stupor" back in the capital (see Alma 60:7). And when it was necessary he bypassed the whole system, "altering the management of the affairs of the Nephites" to counter Amalickiah's managerial skill (Alma 49:11; italics added). Yet he could apologize handsomely when he learned that he had been wrong, led by his generous impulses to an exaggerated contempt for management, and he gladly shared with Pahoran the glory of the final victory—one thing that ambitious generals jealously reserve for themselves.

Amalickiah, on the other hand, made war the cornerstone of his policy and power, using a systematic and carefully planned communications system of towers and trained speakers to stir up the people to fight for their "rights," meaning Amalickiah's career. For while Moroni had kind feelings for the enemy, Amalickiah "did care not for the blood of his [own] people" (Alma 49:10). His object in life was to become king of both the Nephites and Lamanites, using the one to subdue the other (Alma 46:5). He was a master of dirty tricks, to which he owed some of his most brilliant achievements as he maintained his upward mobility by clever murders. high-powered P.R. and great executive ability. His competitive

### **PHYSICIANS** NEEDED

Family Practice & General Surgery

Growing rural town in N.W. Colorado

Established energy resources industry, geography, and strong L.D.S. community, create a beautiful environment for family growth.

CONTACT:

Willie Levings, Executive Director Rangely District Hospital, 511 S. White Ave. Rangely, Colorado 81648 (303) 675-2211

#### DP and ME PROFESSIONALS

Intermountain Health Care, Inc., a dynamic multi-hospita corporation is seeking highly experienced professionals:

- Corporate Programmers—must have 3 to 5 years experience of IBM System 34 or 38. Knowledge of RPG II & III. Health Care experience helpful
- Hospital Management Engineers-3 to 5 years experience as management engineers. Knowledge of labor standard setting and in-depth management studies. Health Care experience is desirable. B.E.I.E. or equivalent.

Please send resume and salary requirements to:

INTERMOUNTAIN HEALTH CARE, INC. Human Resources Department 36 South State Street, Suite #2200

#### COMPUTER **SCIENCE OPENING** ATBYU

The Computer Science Department at BYU anticipates an opening for an assistant professor beginning Fall 1984. Candidates must have a Ph.D. in Computer Science. Applicants should send curriculum vitae to Marilyn Rish, 230 TMCB, Brigham Young University, Provo, Utah 84602

spirit was such that he swore to drink the blood of Alma, who stood in his way. In short, he was "one very wicked man" (Alma 46:9), who stood for everything that Moroni loathed.

It is at this time in Book of Mormon history that the word management makes its only appearances in all the scriptures. The first use was when Moroni "altered the management of affairs among the Nephites" (Alma 49:11; italics added) during a crisis. Then there was Korihor, the idealogical spokesman for the Zoramites and Amalickiahites, who preached that "every man fared in this life according to the management of the creature; therefore every man prospered according to his genius [ability, talent, brains, etc.] and . . . conquered according to his strength; and whatsoever a man did was no crime" (Alma 30:17; italics added). Finally, as soon as Moroni disappeared from the scene, the old coalition "did obtain the sole management of the government," and immediately did "turn their backs on the poor" (Hel. 6:39), while they appointed judges to the bench who displayed the spirit of cooperation by "letting the guilty and the wicked go unpunished because of their money" (Hel. 7:5).

Such was the management that Moroni opposed. By all means, let us take Captain Moroni for our model and never forget what he fought forthe poor, outcast and despised; and what he fought against-pride, power, wealth and ambition; or how he fought—as the generous, considerate and magnanimous foe, a leader in every sense.

Moroni scolded the management for their "love of glory and the vain things of the world" (Alma 60:32), and we have been warned against the things of this world as recently as the last general conference. But exactly what are the things of the world? An easy and infallible test has been given us in the well-known maxim, "You can have anything in this world for money." If a thing is of this world you can have it for money; if you cannot have it for money, it does not belong to this world. That is what makes the

whole thing manageable. Money is pure number; by converting all values to numbers, everything can be fed into the computer and handled with ease and efficiency. "How much?" becomes the only question we need to ask. The manager "knows the price of everything and the value of nothing," because for him the value is the price.

Look around you here. Do you see anything that cannot be had for money? Is there anything you couldn't have if you were rich enough? Well, for one thing you may think you detect intelligence, integrity, sobriety, zeal, character and other such noble qualities—don't the caps and gowns prove that? But hold on! I have always been taught that those are the very things that managers are looking for, that such attributes bring top dollar in the marketplace. Does their value in this world mean, then, that they have no value in the other world? It means exactly that. Such things have no price and command no salary in Zion; you cannot bargain with them because they are as common as the once pure air around us. They are not negotiable in the Kingdom because there everybody possesses all of them in full measure, and it would make as much sense to demand pay for having bones or skin as it would to collect a bonus for possessing honesty or sobriety. It is only in our world that they are valued for their scarcity. "Thy money perish with thee," said Peter to a gowned quack who sought to include "the gift of God" in a business transaction (see Acts 8:20).

The group leader of my high priests' quorum is a solid and stalwart Latter-day Saint who was recently visited by a young returned missionary who came to sell him some insurance. Cashing in on his training in the mission field, the fellow assured my friend that he knew he had the right policy for him just as he knew the Gospel was true, whereupon my friend, without further ado, ordered the salesman out of the house. One with a testimony should hold it sacred and not sell it for money. The early Christians called Christemporoi those who made merchandise of spiritual gifts or church connections. The

things of the world and the things of eternity cannot be thus conveniently conjoined, and it is because many people are finding this out today that I am constrained at this time to speak on this unpopular theme.

For the past year I have been assailed by a steady stream of visitors, phone calls and letters from people agonizing over what might be called a change of majors. Heretofore the trouble has been the repugnance the student (usually a graduate) has felt at entering one line of work while he or she would greatly prefer another. But what can they do? "If you leave my employ," says the manager, "what will become of you?" Today, however, it is not boredom or disillusionment, but conscience, that raises the problem. To "seek ye first financial independence and all other things shall be added" is recognized by the thoughtful as a rank perversion of the scriptures and an immoral inversion of values.

In my latest class a graduating honors student in business management wrote, in response to an assignment to compare oneself with some character in the Pearl of Great Price (and he quite seriously chose

Many times I wonder if many of my desires are too self-centered. Cain was after personal gain. He knew the impact of his decision to kill Abel. Now, I do not ignore God and make murderous pacts with Satan; however, I desire to get gain. Unfortunately, my desire to succeed in business is not necessarily to help the Lord's kingdom grow [a refreshing bit of honesty]. Maybe I am pessimistic, but I feel that few businessmen have actually dedicated themselves to the furthering of the Church without first desiring personal gratification. As a business major, I wonder about the ethics of business—"charge as much as possible for a product which was made bu someone else who was paid as little as possible. You live on the difference." As a businessman will I be living on someone's industry and not my own? Will I be contributing to society or will I receive something for nothing, as did Cain? While being honest, these are

difficult questions for me.

Such questions have been made even more difficult by the rhetoric of our times. The Church was full of men in Paul's day "teaching that gain is godliness," and making others believe it. Today the black robe puts the official stamp of approval on that very proposition. But don't blame the college of commerce! The sophists, those shrewd businessmen and showmen, started that game 2,500 years ago, and you cannot blame others for wanting to get in on something so profitable. The learned doctors and masters have always known which side their bread was buttered on and taken their place in the line. Business courses and "independent studies," the latest of the latecomers, have filled the last gaps; and today, no matter what your bag, you can put in for a cap and gown. And be not alarmed that management is running the showthey always have. Most of you are here at this

commencement exercise only because you believe that this charade will help you get ahead in the world. But in the last few years things have got out of hand; the economy, once the most important thing in our materialistic lives, has become the only thing. We have been swept up in a total dedication to the economy which, like the massive mud-slides of our Wasatch Front, is rapidly engulfing and suffocating everything. If President Spencer W. Kimball is "frightened and appalled" by what he sees, I can do no better than to conclude with his words: "We must leave off the worship of modern-day idols and a reliance on the 'arm of flesh,' for the Lord has said to all the world in our day, 'I will not spare any that remain in Babylon.' "And Babylon is where we are.

In a forgotten time, before the Spirit was exchanged for the office and inspired leadership for ambitious management, these robes were designed to represent withdrawal from the things of this world-as the temple robes still do. That we may become more fully aware of the real significance of both is my prayer.

#### CAD/CAM

(Continued from page 29)

faculty, we are always updating by reading professional journals and attending seminars. But even with that, it's hard to keep up; we are constantly flooded with innovative changes." He adds that the university's professional development program encourages faculty to go into industry for a summer, a semester or even a full year; attend professional conferences; enroll in special classes; and take advantage of every opportunity to update their knowledge and professional expertise.

Students, caught in the whirlwind of advancing technology, must rely on a solid foundation in the basics. "Although we specialize, to a degree, in certain areas," explains Kunzler, "our students must have a broad background in general education subjects and science-based math, physics and chemistry. In other words, they must be thoroughly grounded in the basic principles that don't change. When students have that knowledge, they can adapt to new equipment, new procedures and new applications."

With a lengthening student waiting list, increasing job opportunities in the engineering technology fields and expanding programs within the college and the department, physical space is at a premium; in fact, the CAD, CAM and CAT facilities are scattered among six separate buildings on campus. The crunch has prompted construction of a new technology building, located in the southeast corner of the campus and scheduled for completion in early 1985. The structure will serve primarily as a laboratory building and will house the Technology Department and the CAD/CAM/CAT laboratories.

So there you have it: BYU, industry and engineering technology, working together to make life run a little smoother, a little faster, a little bit more efficiently. And, as any bright young student with a computer program under his or her arm will tell you, it's all working out rather nicely. After all, there still is Beethoven and Moby Dick. And such a blending of the timeless and the time-saving does make for a rather intriguing world.