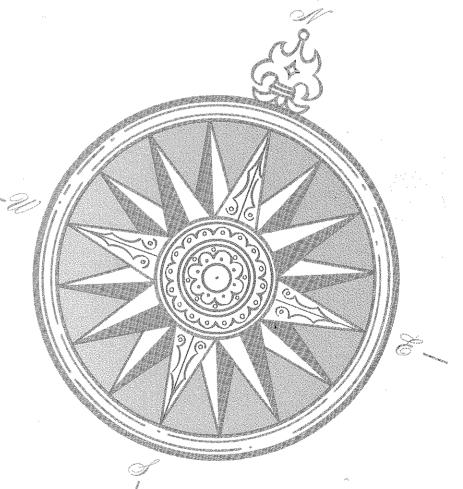
Lansing Community College

NEW TUITION RATES--SUMMER 1970 RESIDENT 7.00 PER CREDIT NON-RESIDENT 11.00 PER CREDIT DUT OF STATE 31.00 PER CREDIT



information for prospective students



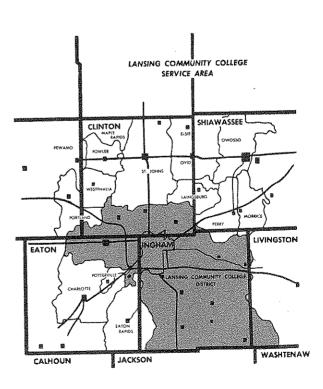


To everything there is a season, and a time to every purpose under heaven.

Ecclesiastes

Painting by Loretta Suelter









LANSING COMMUNITY COLLEGE

419 NORTH CAPITOL AVENUE LANSING, MICHIGAN TELEPHONE, 489-3751

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President Philip J. Gannon

Dear Students:

Lansing Community College has completed eleven years of operation and is now a vital part of the metropolitan area. We are creating a new and beautiful campus. When you visit the College, you will find that Old Central bas undergone many changes, inside and out. There are new office facilities for the faculty where teacher and student can meet in a pleasant, informal atmosphere, thus retaining the warmth and personality of a small college. Our new Liberal Arts-Health Careers College building is open to students, as well as centers for fine arts, automotive technology and community conferences.

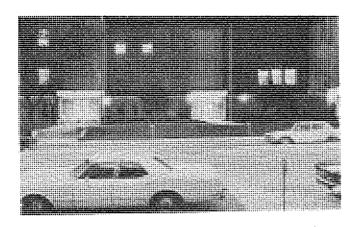
Our student body, which ranges in age from 16 to 75, is representative of the total matrix of our society, and you may find, in the classroom, students with advanced degrees, housewives, successful journeymen, businessmen or senior citizens as well as the conventional undergraduate. The "returning" student is also a typical student at Lansing Community College. Over the last several years, we have found that many of our graduates are re-enrolling to update their education. To answer the needs of our diverse student body, occupationally-oriented curriculums have been developed in the health, business, and technical fields as well as in the freshman and sophomore years of liberal arts. These curriculums vary greatly in difficulty, but are of equal excellence as each meets the need of the student and the society he serves.

This catalog has been carefully prepared to give an overview of the educational opportunities available at Lansing Community College. I hope you will combine the reading of the catalog with a visit to our campus so we can extend our welcome to you and express our willingness to help in planning your educational program.

Sincerely,

Philip J. Sannon





LANSING COMMUNITY COLLEGI



urposes, functions, and objectives

The purposes, functions, and objectives of Lansing Community College are quite clearly influenced by the community it serves, its historical evolution, its student body, and the Community College movement throughout the nation.

To use its facilities efficiently and to meet the demands of business, industry, government, and the increasing number of students requesting an opportunity for higher education, the College offers its programs on a day and evening, six-day week, twelve-month basis. Because the College belongs to and is a part of the Greater Lansing Community, it is prepared, within the framework of its purpose, to design programs to meet new educational needs of the community.

The College provides two-year, occupationally oriented programs in health careers, business, and technology. It provides a variety of adult and community service programs as well as personnel and counseling services for the students of the community and it offers college parallel programs for students planning to transfer to four year institutions.

Lansing Community College offers educational opportunities for all high school graduates in its service area and its presence encourages the enrollment of individuals who might not otherwise attend college. With its strong individual-oriented approach the College attracts students reluctant to cope with the impersonal nature of larger state colleges and universities. In this way it helps to relieve the freshman and sophomore congestion at other state colleges and universities. It reduces significantly the student's expenses for his first two years of higher education and it gives the student an opportunity to find himself and determine his vocational or professional objective while living at home. It fulfills the needs of local business, industry, and government for manpower that is better educated and trained to meet increasing technological changes.

PURPOSES

The College staff, concerning itself with fundamental questions regarding student and college responsibilities, has determined that:

- 1. The student will be aided in realizing his intellectual potential through an individualized approach to his education. Small classes and personal faculty guidance will aid the student in achieving this objective.
- 2. The student must be encouraged to bear responsibility for his educational goals and to pursue academic excellence to the limits of his ability.



There is a divinity that shapes our ends, rough-hew them as we will.

Shakespeare

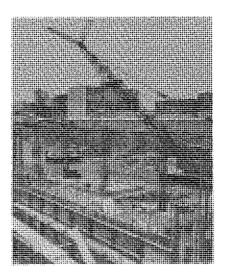
- 3. The student and the institution, aware that the world is rapidly changing, culturally and technologically, must search diligently for the truth concerning the heritage of this republic and its roots in western civilization and other cultures as they pertain to the dignity and freedom of man. This search should enhance the student's awareness of his responsibility as a citizen of his community, state, nation, and the world.
- 4. The student, whatever his selected program of study, must gain further insight into his values as these values relate to him and his fellow man.

FUNCTIONS

The staff of the College further agrees that the purposes can best be met by accepting the following as major functions of the institution:

- 1. To offer personal, academic, and vocational counseling to our students.
- 2. To provide general education, both for those students transferring to fouryear institutions and for those engaged in two-year programs.
- To provide technical and semi-professional programs for students now employed or contemplating employment by government, industry, or business.
- 4. To provide programs parallel to those provided in the freshman and sophomore years in the arts and sciences pre-professional fields at four-year, degree-granting colleges and universities for those students who will transfer to such institutions.
- 5. To provide cultural programs for adults.
- 6. To respond to community needs by offering special courses developed in cooperation with business, industry, labor, and government and by making available to community groups the physical facilities of the College.





OBJECTIVES

With these purposes and functions in mind, it is felt that a fulfilling and useful life can best be obtained through sound scholarship and training. Specifically, the faculty strives to:

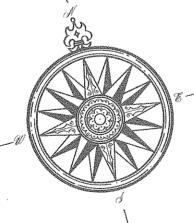
- Contribute to good citizenship by helping students to understand democratic processes.
- 2. Prepare the student to make a contribution to the economic life of his community.
- 3. Expose the student to our cultural, social, scientific, and spiritual heritage out of which he may construct a satisfying and consistent world view by which to guide his life.
- 4. Foster self-reliance on the part of the student by encouraging him to think critically in solving problems.
- 5. Encourage the student to participate in some form of satisfying creative activity and in appreciating the creativity of others.
- Develop within the student increased understanding of the political and socioeconomic problems confronting our nation and the world contributing to a sense of social responsibility.
- Help the student to understand his relationship to his biological and physical environment so that he may better adjust to and improve that environment.
- Develop within the student an appreciation and understanding of the contributions afforded by other ideas, races, and religions.
- 9. Develop within students skills in writing, speaking, reading, and listening which lead to improved self-expression and communication.



Division of Student Personnel Services



William Schaar Dean of Student Personnel Services



The College offers students an extensive program of services through the Division of Student Personnel Services. These services include counseling, pre-enrollment advising, registration, orientation, testing, college and high school articulation, academic advising, educational and vocational information, financial aids, placement and college activities.

Student Personnel Services

Registrar and Director of Admissions: Raymond Anderson

ADMISSIONS

Application for New Students

Applications may be obtained from the College Student Records Office or from local high schools. Prospective applicants are urged to contact the Student Records Office and submit their applications as early as possible to insure time for testing, counseling and registration. The applicant should:

- 1. Complete all items and information asked for in the application for admission.
- 2. Attach a \$10 application fee (check or money order) to the application. This is a non-refundable fee.
- Mail or personally deliver the application and application fee to his high school to be completed and forward to Lansing Community College.
- 4. Complete placement tests required by the College when notified.

Application for Transfer Students

Students who have had some college level work and are applying for transfer to Lansing Community College should:

- 1. Complete the student portion of the application form.
- 2. Attach a \$10 application fee.
- 3. Present application to the Student Records Office.
- Request high school to send a complete record of grades to the College if less than one year of college has been completed.
- 5. Request that official transcripts from all other colleges or universities in which student has been enrolled since he last attended high school be sent to the Student Records Office. An evaluation of credits from institutions will be made and a copy will be sent to the student.

Special Applications

The category of Special student is designed for students taking courses for cultural enrichment, students on apprenticeship programs, and for students not primarily interested in obtaining a degree or transferring to a four-year college. Credits acquired while a student is under Special student status are not transferrable. Transcripts are not necessary for admission. A non-refundable application fee of \$5.00 is required.

Guest Applications

Guest students must submit a guest application form supplied by the registrar's office of the college they are attending. Both sides of this form must be completed. Transcripts are not necessary for admission. A non-refundable application fee of \$5.00 is required. A guest application is valid for one term only.

Advanced Placement Program

This program is designed to provide an opportunity for qualified high school students to earn college credit commensurate with their high school study, college credit which will count toward a degree program. High school credit will or will not be granted according to the discretion of the participating high school. Advanced placement affords students educational enrichment in specific areas where they have displayed unusual interest and ability in high school.







Raymond Anderson

For eligibility in the Advanced Placement Program:

- Applicant must be working toward graduation requirements at an accredited high school.
- 2. Applicant must have obtained junior or senior high school standing prior to applying for the program.
- Applicant must have written recommendation from his high school principal
 or his representative.
- 4. The final decision for acceptance rests with Lansing Community College.

A student will be allowed to take no more than two advanced placement courses at the College during any given term.

Application procedure for Advanced Placement:

- Applicant must obtain a written recommendation from his high school principal or his representative.
- 2. Applicant must complete a college application as a regular student.
- 3. The applicant then submits application to the high school records office with an accompanying \$10.00 application fee.
- The application is completed by the high school records office and sent to the Admissions Office at Lansing Community College.

Applicants who are accepted will receive notification and information concerning registration procedure. Those applicants denied admission will also be notified.

Placement Testings

The Admissions Office will notify new students of the schedule for placement testing.

Registration Procedures

Registration periods are indicated on the school calendar, and students will register for classes according to instructions which are published each term in the student newspaper and the Class Schedule. Special, guest and transfer students who have been accepted for admission should enroll for classes when notified by the Admissions Office.

Late Registration

A student registering late will be required to make up the work he has missed. After the first week in any quarter, he is not permitted to enroll for a full-time class schedule. A student registering late will be asked to submit all the required credentials prior to the day he enrolls. Students who register after the official registration period must pay a late registration fee.



Drops and Adds

Dropping or adding courses involves procedures which must be carried out by the student so that the Registrar's Office may keep accurate account of student records. During the first week of a term, a student may make changes in his schedule by obtaining the proper drop or add form from the Student Records Office. A student may withdraw from a course before the end of the fourth week without academic penalty.

Auditing

A student who desires to attend classes regularly, but does not wish to take final examinations or receive grades or credit, may register as an auditor. Credit for such courses cannot be established at a later date. An auditor in a class cannot change his status to that of a credit student in that class. Neither can a credit student in a class change his status to that of an auditor.

Withdrawal from College

If a student finds it necessary to withdraw from college, he should contact the Student Records Office without delay and fill out a form to make his withdrawal official. A statement of "official withdrawal" will be given him if, at the time of withdrawal, all his financial obligations to the college have been met and his conduct and scholarship are such as to entitle him to continue in the college.

Credits

The regular college year is divided into four terms of approximately eleven weeks. In general, a class meets one hour each week for each credit earned; somewhat more time is required for courses with laboratory work. To the student taking laboratory work, the usual load of 16 credit hours of courses will, then, mean about 20 or more hours of class attendance each week. The credit hour value of each course is given in the section of this catalog devoted to course descriptions.

Credit by Examination

A regularly enrolled student may obtain credit for certain courses at the discretion of the department chairman and faculty advisor by passing a comprehensive examination (or series of examinations). The fee is the regular tuition charge. The student must make application for such examination at the Student Records Office.

Transfer of Credits

Credit will be given for courses transferred from accredited institutions. The credit value of each of these courses will be determined by Lansing Community College. Official transcripts of a Lansing Community College student's record will be mailed to another institution at the request of the student. An "Official Transcript" is one which is signed by the Registrar, has the school seal placed over his signature, and gives the date of graduation or official withdrawal of the student from the College. A student expecting to transfer to a four-year institution is advised to examine carefully the current catalog of the particular college he expects to enter and to follow as closely as possible its particular recommendations for programs of study.

Each student is furnished one free official transcript; for each additional transcript a fee of \$1.00 is charged.

Student Credit Load and Limitations

A full-time student schedule is 12 term hours or more. Permission to carry class schedules exceeding the normal load will depend on the student's academic record. 15



System of Grades

The following system of symbols is used at Lansing Community College to evaluate the work of the student.

- A Grade given to indicate distinct superiority in course work.
- B Grade given to indicate better than average achievement but lacking distinct superiority.
- C Grade given to indicate average achievement.
- D Grade given to indicate below average achievement.
- F Grade given to indicate insufficient achievement.
- I Incomplete. A grade given only when, for good cause, the student has been unable to complete the work at the end of the term. A student receiving this grade should consult his instructor immediately regarding completion of the work. Grades of "I" must be removed before the closing date of the next term the student is in attendance, or the grade will automatically become an "F."
- N Grade given to indicate withdrawal from a course. A student withdrawing officially from a class after the end of the fourth week will be given a grade of "N" or "F" depending on the quality of his work at the time of withdrawal.
- P Represents satisfactory performance.
- X Audit.
- S Satisfactory. Credit granted.
- Z No credit granted.

Honor Points

Grade point averages are determined on the following hasis:

$$A-4$$
, $B-3$, $C-2$, $D-1$, $F-0$, $N-0$, $P-0$, $X-0$.

Thus a student who earned 5 hours of A, 5 hours of B, and 5 hours of C would have a total of 45 honor points. The 45 honor points divided by 15 credit hours results in a grade point average of 3.00.

Repeat Courses

The student's academic record includes credit hours, honor points, and grade point average only for the second time through a repeated course. The initial election of the course and the grade will appear on the record but the figures will not be averaged in the cumulative totals.

Probation

A student whose achievement is below a 2.00 average on a term or cumulative basis is subject to scholastic action of probation or withdrawal by the College. A student may be warned, placed on probation, or asked to withdraw from the College if his work is unsatisfactory.

A table for determining a student's academic status at Lansing Community College is published and available from the Student Records Office of the College, and may be found in the Lansing Community College Student Guidebook.

It is recommended that a student whose achievement is below a 2.00 average limit the number of credit hours of work until he has improved his academic record.

Term Grade Reports

An academic report will he issued approximately one week after the close of each term. A mid-term progress report will be mailed to the student during the sixth week of the fall term. The grade report will be withheld if the student does not have all credentials on file in the College office, or if he has not fulfilled all financial obligations to the College.



Examinations

Students are required to take examinations at the appointed time and place in order to receive credit for a course. An examination taken at any other time than that officially scheduled is a "special examination" and the student must make the necessary arrangements with his instructor to have it administered. A student may make application to the Registrar's Office for permission to take a special examination after the close of a term and, if such permission is granted, he will be charged a \$5.00 fee.

Attendance

A student is expected to attend all sessions of each course in which he is enrolled. Failure to do so may result in a lower grade or withdrawal from the course. Absence in no way relieves the student from the responsibility of completing all the work of the course to the satisfaction of the instructor in charge. Absences will be excused when incurred by reason of a student's participation in field trips and other trips arranged by the College, provided such trips have been previously arranged by the instructor through the Dean's office.

When a course requires absences of students from classes the instructor will file a list of the names of the students involved in the Dean's office, at least forty-eight hours in advance of their absence.

Graduation Requirements

To graduate from Lansing Community College a student must:

- Complete a two-year course of study adapted to his needs, interests, and capacities, and conform to a plan acceptable to the College. The course of study should: (a) be suitable for transfer to admit the student to the level of upper-division work in a four-year college of his choice; or (b) form a program of study to be completed at the end of two years at Lansing Community College.
- 2. Maintain a minimum grade point average of 2.0.
- Earn toward graduation at least 30 credits in attendance at Lansing Community College.
- 4. File with the Registrar's Office a petition for graduation one term preceding the term of graduation.
- 5. Satisfy all general and specific requirements of Lansing Community College which pertain to him, including the fulfillment of all financial obligations.
- 6. Be in attendance at the commencement exercise of his class unless a petition of absence is approved by the President.
- 7. Have the approval of the faculty and the Board of Trustees.
- 8. Have completed a three semester hour (or equivalent) course in Political Science, required by Act 106, Public Acts of 1954, State of Michigan. (Social Science 103 Political Science, and 104 American Government will satisfy this requirement.)

Degrees

Associate degrees are granted to all who meet graduation requirements. A minimum of 90 credit hours is required for an Associate Degree. A student completing the requirements during the fall or winter term should apply for graduation during the term prior to that in which his work is completed. Those students who maintain a 3.75 grade point average will be graduated Summa Cum Laude; those who maintain a 3.50 grade point average will be graduated Magna Cum Laude; those with a 3.25, Cum Laude. Students must complete 60 credit hours of work at Lansing Community College to qualify for honors.





High School Articulation

Effort is made by Student Personnel Services and participating departments of the College to keep the area high schools informed about various aspects of the College program. Participation in "college nights," presenting information to students through assembly periods, and meetings with area school counselors are considered essential to adequate communication within our service area.

Veterans

Lansing Community College is approved as a school for veterans of military service under provisions of Chapter 31, 34 and 35 of the U. S. Code.

The V. A. cautions veterans matriculating under this program to he prepared to pay their expenses for at least two months after the beginning of the academic year. Once the veteran's application is approved and the award processed, monthly checks will be issued, if the veteran is prompt in submitting to the V. A. the signed certificate attesting to class attendance.

Monetary allowances provided for by the bill vary according to the level at which the veteran is pursuing his academic program as indicated by the following schedule:

LEVEL OF ATTENDANCE REQUIRED CREDIT HOURS
Full-time Minimum of 14
Three-Quarter Time 10 to 13
Half-time 7 to 9

After enrollment, veterans should direct their inquiries concerning eligibility to the Student Records Office.



Evening Classes

In addition to the regular academic curricula for day students, Lansing Community College also offers a highly diversified program of evening courses for those who choose for personal or occupational reasons to attend class during the eve-

Students may elect late afternoon and evening courses as integral parts of a technical or liheral arts and science curriculum, as individual selections in areas of particular interest or as remedial sections in English, reading and mathematics.

The connseling and testing services available to evening students provide an effectual basis for better educational and vocational planning.

Lansing Community College evening program provides educational opportunities to many who are now finding the time to improve their academic or vocational background. For further information, contact the Registrar.

Tuition and Fees*

Tuition, Resident Students	
Per credit hour	\$6.80
Limit on hours charged	•
Average Tuition per term (15 hours)	\$102.00
Tuition, Non-Resident	
Per credit hour	\$9.60
Limit on hours charged	No Limit
Average Tuition per term (15 hours)	\$144.00
Tuition, Out of State Students	
Charge per credit hour	\$12.00
Limit on hours charged	No Limit
Average Tuition per term (15 hours)	\$180.00
Tuition for apprenticeship students varies according to the program of stu	ıdy.
Fees, all students	
Application fee (new students)	\$10.00
Registration fee (guest, special)	\$5.00
Late registration fee	\$5.00
College activities fee (each term)	
1-6 credit hours	\$1.00
7-11 credit hours	\$3.00
12 or more credit hours	\$5.00
Summer term (all students)	\$1.00
*Tuition and fees are subject to change through action of the Board of Costs listed are those in effect at date of publication. Laboratory fees vary according to the course of study.	Trustees.
Tuition Refund Policy	

FALL, WINTER AND SPRING TERMS

Withdrawal during first week of term	100% of Tuition
Withdrawal during the second and third week of term	50% of Tuition
Withdrawal after third week of term	No Refund

SUMMER TERM

Withdrawal during first week of term	100% of Tuition
Withdrawal during second week of term	50% of Tuition
Withdrawal after second week of term	No Refund



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Student Personnel Services Course and Department Codes

ANT	Anatomy	HUM	Humanities
ART	Art	ITR	Industrial Trades
AST	Astronomy	LE	Law Enforcement
BIO	Biology	LT	Library Technician
BTA	Building Trades Apprentice	MIC	Microbiology
BTJ	Building Trades Journeyman	MT	Mechanical Technology
BTR	Building Trades	MTH	Mathematics
BUS	Business	MUS	Music
CCR	Court & Conference Reporting	NE	Nursing Education
CEM	Chemistry	NS	Natural Science
CT	Civil Technology	PE	Physical Education
DP	Data Processing	PHL	Philosophy
DS	Dental Science	PHY	Physics
DT	Drafting Technology	PLS	Political Science
EC	Economics	PN	Practical Nursing
ED	Education	PSY	Psychology
ENG	English	REL	Comparative Religion
ET	Electronics Technology	SA	Sociology and Anthropology
FBS	Foundations Biological Science	SO	Student Orientation
FPS	Foundations Physical Science	SPH	Speech
FRN	French	SPN	Spanish
FST	Food Service Technology	SS	Social Science
CE	Geology	ST	Systems Technology
GEO	Geography	STR	Service Trades
GTR	General Trades	TEC	Technical Intern
HMF	Hotel-Motel-Food	TT	Transportation Training
HST	History		~

Course Descriptions

Course Numbers

001-099	Courses indicate offerings which are not designed to be used in meeting
	requirements for an associate degree or for transfer to another college.
100-299	Courses are those designed to meet the requirements for an associate de-

gree at Lansing Community College or as freshman and sophomore transfer courses to another college or a university.

Example:

20

3 (3-1) The numerical sequence following course descriptions indicates course credit hours, lecture and laboratory hours per week, in that order.

Basic Courses

One of the major goals of the college is to provide each student with a common core of general education courses covering fundamental areas of knowledge. These courses, or their equivalents, are required of all baccalaureate degree students. Most are required in curricula leading to the associate degree.

A full-year sequence is offered in each of the following:

English Composition — English 101, 102, 103 — 9 credits

Humanities (History of Western Civilization) — Humanities 201, 202, 203 — 12 credits

Natural Science — Natural Science 101, 102, 103 — 12 credits

Social Science — Social Science 101, 102, 103 — 12 credits



COUNSELING SERVICES

Director of Counseling: Beverly J. Hunt

Academic Advising

Student Personnel Services coordinates the advisor-advisee system in the College. Faculty advisors are assigned to all full-time students. Advisors help students resolve questions arising in the development of their educational program, assist in the selection of specific courses, and are concerned with the student's academic progress.

Educational-Vocational Information

Student Personnel Services maintains a carefully selected file of educational and occupational source material which is readily available to all students. Directories, career descriptions, job briefs and educational listings are included in a comprehensive service designed to assist the student in making appropriate educational and occupational plans. Books, pamphlets, brochures and outlines are available in both Counseling Services areas and the main library.

Dr. Hunt

Counseling Services

A staff of professionally trained counselors is available to assist students in furthering their educational, vocational and personal development. After a student is admitted to the College a pre-enrollment interview with a counselor enables him to discuss his educational goals and to plan a program of study for enrollment. Adjustment to college often requires additional advising and counseling. Counselors assist students with decisions of curriculum choice, vocational development, social and emotional problems of a personal nature which tend to interfere with academic progress.

Orientation

Effort is made by the College to help the student understand that he is an integral part of the College and to acquaint him with its philosophy, facilities and opportunities. A planned program of orientation to college is a part of the first term class schedule for new freshman students.

Testing Services

A testing program designed to assist students in their educational and vocational development is an integral function of counseling services. Achievement tests are administered as part of the admissions counseling process. Aptitude, vocational and personality interest tests, and intelligence tests are frequently used by counselors as part of the counseling service to students desiring such services.

College Transfer Articulation

Student Personnel Services maintains close contact with colleges and universities to which many of our students anticipate transfer. Curricular guides are prepared for students indicating transfer requirements in their chosen curriculums. Arrangements are made for visits to the College by representatives of universities for the purpose of discussing transfer requirements with our students. Follow-up of transfer students is also part of the college transfer program.

Housing

The Lansing Community College maintains no housing units for students, but it does cooperate in making available a list of suitable living quarters. The College will assist students by maintaining a list of non-discriminatory housing opportunities in the community.



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STUDENT FINANCIAL AID AND PLACEMENT

Director: John Bogner



John Bogner

An increasing number of scholarships, grants and loans are available to students enrolled in the College.

Information and application forms for all types of aid may be obtained from the Financial Aid Office at Lansing Community College or from high school counselors.

It is not necessary to apply for a specific type of aid. One application will entitle the student to consideration for every award offered by Lansing Community College.

Applicants must be accepted for admission.

Alvin M. Bentley Foundation Junior College Scholarships

The Foundation established by Mr. Alvin M. Bentley makes available a \$500.00 scholarship to one outstanding high school senior who is admissible to the College and who has financial need.

The State of Michigan Competitive Scholarships

This scholarship provides tuition and fees for entering freshmen who meet the following requirements:

- 1. Michigan resident for eighteen months preceding application.
- 2. Graduate of a Michigan public or non-public school with no college training.
- 3. Participation in the required competitive examination conducted by the Michigan Higher Education Authority.
- 4. Information and application procedures are available at your high school.

Student Government Scholarships

The Student Government provides two full tuition renewable scholarships to students of Lansing Community College. The scholarships are awarded on a basis of scholarship and need for funds. The scholarships are renewable so that a student may receive aid for a total of six terms.

Trustees Scholarship

The Board of Trustees grants one scholarship yearly to each high school in the Lansing Community College district for a student having financial need and a high academic record. This scholarship pays tuition and fees, and is renewable for a second year.

A. S. Corwin Scholarship in Transportation and Traffic Management

A scholarship made possible by friends of Mr. A. S. Corwin, traffic manager of Oldsmobile, who retired after 42 years of service. The award pays \$50 for one academic year (three terms). It is awarded with consideration of financial need and the applicant's potential contribution to the field of transportation and traffic.

Ukrainian Home Scholarship

Awards made possible with funds given by members of the Ukrainian Home Association. Applicants must live within 25 miles of Lansing Community College and must show evidence of financial need. Preference to Ukrainian students.

Educational Opportunity Grants

As a part of the Higher Education Bill of 1965, grants ranging from \$200 to \$1000 a year are awarded to students with exceptional financial need who would not, except for the grant, be financially able to attend college.



National Defense Student Loan

The National Defense Education Act provides for the creation of loan funds at American colleges and universities, from which needy students may horrow on reasonable terms to help complete their higher education.

Applicant should be:

- 1. A full-time student (12 credits or more).
- 2. In need of the amount of his loan to pursue his course of study.
- 3. Capable of maintaining good academic standing in his chosen course of study.

Because a large percentage of the loan is cancelled for borrowers who become teachers, special consideration is given to applicants who express a desire to teach in elementary or secondary schools.

Federal Guaranteed Loans

The State of Michigan administers a loan fund through local banks which allows students to borrow up to \$1,000 a year. Borrowers must demonstrate the ability to complete college and show financial need. Information and applications may be requested from the Chairman of Financial Aids, Lansing Community College, or from a participating bank.

The Dwight and Eleanor Rich Loan Fund

This fund, established upon the retirement of Dr. Dwight H. Rich from the superintendency of the Lansing Public Schools in June, 1962, provides loans for students at reasonable terms to help students complete their higher education.

The Student wishing to borrow from this fund must have completed six credits with a 2.0 and be in need of the amount of his loan to pursue his course of study.

Student Government Loan Fund

The Student Government of Lansing Community College provides short term loans in amounts up to \$100 to enable students to meet immediate financial obligations. This loan must be repaid within six months. Applicants must have completed six credits with a 2.0.

Andy Hall Memorial Loan Fund

Funds contributed by students in memory of a former Lansing Community College student are available for short-term loans of a maximum of \$100. Applicants must have completed six credits with a 2.0.

College Work-Study Program

Lansing Community College participates in this Federal Government Program which provides jobs for students from low income families. Information and applications for these jobs may be obtained from the Financial Aid Office, Lansing Community College.

Additional Scholarships and Loans

Many other scholarships and loans are available through local clubs and organizations in the Lansing area. Because of the great number of changes in donors each year, it is not possible to keep an up-to-date catalog listing. When a student applies for one scholarship or loan he will be considered for all of the financial aid opportunities available at Lansing Community College.



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Scholarships for Lansing Community College Graduates

Most Michigan colleges provide scholarship opportunities for Lansing Community College graduates. Information about these scholarships and other financial aids available at Michigan colleges upon transfer from Lansing Community College may be obtained from the Financial Aid Office.

State of Michigan Tuition Grants

These grants are available to students transferring from Lansing Community College to eligible private, non-profit colleges and universities in Michigan. Additional information available in Lansing Community College Financial Aid Office.

Although the Financial Aid Committee begins processing applications March 1, applications will be accepted and awards made after that date as long as funds are available.

PLACEMENT OFFICE

Lansing Community College is now in the process of developing a formal employment placement office on campus, in conjunction with the office of Student Financial Aids. Students and graduates of Lansing Community College who are interested in securing part-time or full-time employment should contact the office of Student Financial Aids and Placement in Room 142 of Unit F (Old Central) or call 489-3751, ext. 293 for information.





William Zuhl

STUDENT ACTIVITIES

Director: William Zuhl

Strong emphasis is placed on student activities as a total college activity involving students, faculty, administration and members of our service community.

Three main functions of College activities are student Government, Student Publications and the Fine Arts Program. Student Government serves the College in two main areas: (1) Serving as a liaison for exchange between faculty, administration and students and (2) promoting and sponsoring a wide range of co-curricular activities. The *Lookout* is the official publication of the College.

Fine Arts Cultural Program

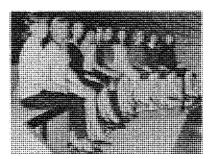
Lansing Community College offers to its students a Fine Arts Program whereby students are encouraged to attend and participate in the productions of the various fine arts groups in the community! This program, cooperating with two of the community theaters, has encouraged many students and faculty members to perform in community theater production and to assist behind the scene. Considering the Greater Lansing Area as its campus, this Fine Arts Program offers to the students tickets to all of the major productions of the Lansing Civic Players, the Community Circle Players, the Lansing Symphony, and the Town Hall Speaker Series. The cost of these admissions is assumed by the Fine Arts Program, the students paying only a nominal fee. Accordingly, students and faculty members have attended such outstanding performances as "The Music Man," "A View From the Bridge," Counod's "Faust," and "The Sound of Music." They have also enjoyed internationally known stars, such as Hans Conreid, Bess Myerson, Dave Brubeck, and Henry Mancini. The program offers over twenty-five events in the course of the year.

Cooperating with the student government, the Fine Arts Program coordinates other creative and cultural activities—the student Creative Arts Contest, a College Bowl, a Fine Arts Film Series, and a Miss Lansing Community College Pageant. These programs are constantly being expanded and diversified as students show interest and enthusiasm.

Student Government and Organizations

The Preamble to the Constitution of the Student Government Constitution states: "We, the students of Lansing Community College, in order to form a more perfect student, to provide for full student representation in all matters pertinent to student affairs, and to assist in the integration and coordination of the activities of all student organizations do hereby ordain and establish this constitution."

The Student Covernment initiates consideration of student recommendations working cooperatively with students and administration on all matters of importance to students and the College. Student Government is responsible for the activities and financial needs of student clubs and organizations recognized by student government and the administration of the College.



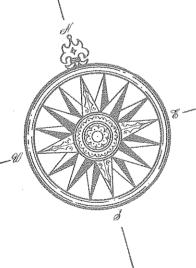
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The Learning Resource Center



James P. Platte Chairman



The Lansing Community College Learning Resource Center is composed of the libraries, the instructional media centers, and the planetarium. To support the total college program a library and an instructional media center are located in each unit college, providing materials and services relevant to the instructional programs of each unit college.

Learning Resource Center

The Libraries

The Liberal Arts, Sciences and Health Careers Library and the Dwight Rich Memorial Library (Business, Technology) offer a total of more than 38,000 books and 370 periodicals. These have been selected cooperatively by the faculty and the library staff to present diverse points of view and the latest information to support the curriculums. The libraries also provide a reserve reading system and a microfilm collection of the New York Times and twenty frequently used periodicals dating hack to 1960. The books are arranged by the Dewey Decimal Classification on open shelves. Each library has a comprehensive eatalog of the entire collection.

Facilities of the libraries include student conference rooms, typing rooms, and carrels designed for individual study.

The staff of the libraries encourage student research by providing reference services and by conducting laboratory sessions in the use of a library. Additional services and materials are provided through cooperation with the State of Michigan Library, the Lansing Public Library and the Michigan State University Library.

Library Technical Services orders, prepares, and indexes all books, periodicals, microforms, pamphlets, and other collection media requested by the libraries. The area, located in a wing of the Business-Technology Library, also receives and distributes all mail for both libraries, serves as a supply center, bindery order and mending center and card duplication center. Central records on the Learning Resource Center total collection are maintained in the Technical Service area.

The Instructional Media Centers

The instructional media centers exist primarily to provide assistance to the instructor, enhancing his classroom effectiveness with audiovisual media. Services of these centers include educational television, graphic production and photography, movie production (8mm, 16mm), and the maintenance of all audiovisual equipment and audiovisual tutorial laboratories within the College.

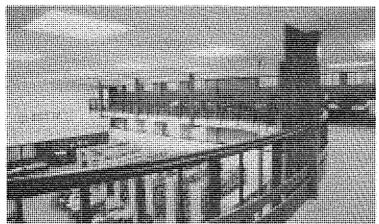
The instructional media centers also serve the immediate needs and interests of the student body by providing educational programming and culturally stimulating stereophonic programs. These programs originate from an audio distribution center to selected carrels within each library. The carrels equipped with audio listening equipment have several channels available for both monaural and stereophonic sound. Special collections in the instructional media centers include audio and video tapes, and musical and non-musical recordings.

The Planetarium

The planetarium is designed to serve classroom instruction. It is one facet of a space-science complex in the Liberal Arts, Sciences and Health Careers College. In addition to the planetarium, the complex has an observation platform and an observatory with a 16' fiberglas dome. The planetarium serves the science department in particular, and all areas of the college in general. The planetarium staff exercises a dual role: (1) assisting faculty in the development of programs and (2) demonstrating, to the total college, the planetarium's capacity for interdisciplinary education.

The basic planetarium facility has a 38' diameter aluminum dome with 103 seats available for planetarium use. When used as lecture hall the facility offers 129 seats, each equipped with an electronic responder unit to assist individual response and evaluation. In addition to the Spitz A-4 planetarium projector, the planetarium has auxiliary devices for horizon and special effects projection.

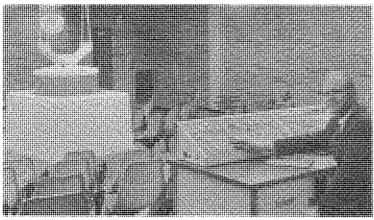








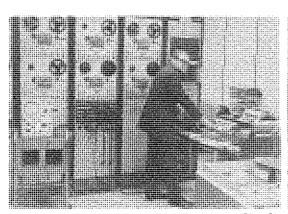
Learning Resource Center



Planetarium





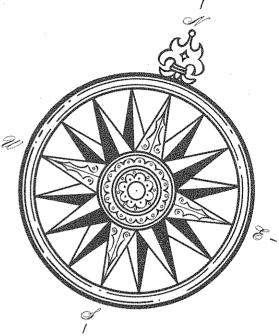


Instructional Media



Liberal Arts





COLLEGE OF ARTS, SCIENCES AND HEALTH CAREERS

Department of Health Careers
Department of Humanities
Department of Language Arts
Department of Mathematics
Department of Science
Department of Social Sciences



Arts and Sciences

College of Arts, Sciences and Health Careers



Sim Klatzer

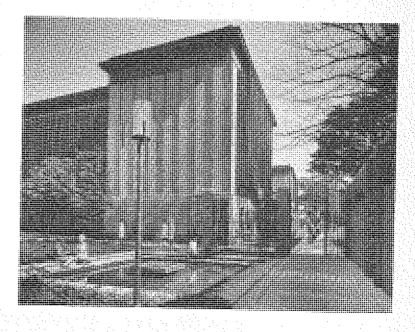
Dean: Sam Kintzer

The College of Arts and Sciences attempts to confront the student with the full scope of man's knowledge about himself and his world. The curriculum is designed to stimulate knowledge and understanding of past and present cultural and social forces, and to acquaint the student with the ways in which these forces have been interpreted, thus providing educational resources whereby a student may better equip himself to make important cultural, social, and economic contributions to society. Emphasis is given to individual growth and human development and a desire to make available to all students intellectual training and knowledge that will add meaning, breadth, motivation, and interest to their lives regardless of vocational aspirations.

The curriculums of the College of Arts and Sciences are flexible, as well as carefully designed to meet student needs.

General education is provided for all students regardless of curriculum. Associate in Arts and Sciences Degrees are offered for two years of study, and pre-professional courses are offered leading to an Associate Degree which will enable transfer to four-year colleges and universities. Many students take Liberal Arts and Sciences courses for personal improvement and satisfaction. The College attempts to provide the student with adequate resources which represent the latest instructional methods and materials.

The faculty, representing diversity of backgrounds and interests, is dedicated to teaching as a profession and to full participation by the student in the learning process.







Community Leadership

This curriculum is built by selecting from the offerings of the College those which are of importance or particular interest to specific students. Many who have already completed their formal education and entered a vocation find this meets their needs as they advance in their profession. Adult members of the community are afforded an opportunity to acquire the information they need to continue to exercise leadership.

The pace of this program is individually determined. Some students will enroll for only one course each term. Others will enroll less often. Executives, engineers, retired persons, homemakers, people from every segment of the community are enrolled in classes in art, speech, science or in Associate Degree programs. Through this community college approach anyone can make education a lifelong adventure.

Executive Skills. In a field as diverse as our social and business life, new techniques and discoveries are constantly changing the established patterns. For those who desire to effectively integrate these changes into their daily activities the College offers opportunity to choose the desired skills and acquire competence in their utilization. New executives often find need for broader knowledge than experience has provided to date. This curriculum affords the opportunity for supplementing past educational experiences with current courses to qualify the young executive for higher levels of performance, whatever area of study he may select.

Business and Industry Seminars. These short, concentrated programs incorporate the available information in specific fields or problem areas for those who have highly specialized interests and less available time for formal classroom offerings.

Personal Development. Every person is afforded an opportunity to attend college through this program. Afternoon sessions are most convenient for some students. Women may gain credits toward a degree in teaching and a full time career. Older members of the community find time in retirement to pursue interests for which they found no time during their employment years. Whatever the interest, the College can provide the answer through concern for individual need.

Cultural Programs. These are integrated with community cultural affairs, thus combining the formal and informal aspects of education into meaningful wholes. Art and music, the performing arts and a growing variety of programs through the College now enroll students of all ages and vocations.

High School Honors Institute

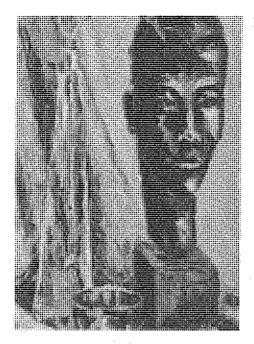
Each summer Lansing Community College offers an opportunity for advanced study in the languages, sciences and mathematics to outstanding high school juniors and seniors of the Lansing area. For further information students interested in this program should contact the College admissions officer or the high school principal. Biology, chemistry, physics, mathematics, humanities and psychology are included in this program.

Advanced Placement

Younger students who have demonstrated academic ability may, upon recommendation of the high school principal, be admitted during the junior year to the advanced placement program of the College. Students are accepted prior to graduation from high school and may earn a number of hours of credit toward their preprofessional or associate college degree while they complete their high school program. Students usually attend afternoon or evening classes. They enroll in regular sections of the courses for which they are registered and their credits are fully transferable to other colleges and universities.



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Arts and Sciences

Associate Degree Programs

The Associate Degree is traditionally earned by graduates of a two year college program. Students interested in general education, those who desire to continue toward the baccalaureate degree in a four year college or university, and students interested in achieving vocational competence are all able to earn associate degrees.

The college confers both the Associate in Arts and the Associate in Science degrees. Within the College of Arts and Sciences there are a variety of combinations which meet the degree requirements. Major concentrations enable the student to follow his individual interest in cases where he has chosen the skills he most desires.

The student who seeks an Associate Degree without a major may elect the following program. The electives should be selected in consultation with the student's counselor prior to registration. A minimum of ninety credit hours is required for an Associate Degree.

Associate in Arts Degree

		ASSUCI	ate m	wite Defin	ee ·
Fresh Year	man		redit ours	Sophomore Year	Fall Term Credit Hours
ENG NS SS PSY PE	101 101	Composition Natural Science Sociology Elective Orientation	. 4 . 4 . 3-4	HUM 201	Western Civilization. 4 Electives. 11
PE	101	Physical Education	16-17	HUM 202	Western Civilization. 4 Electives. 11
ENG NS SS PE	102	Composition Natural Science Economics Elective Physical Education	. 4 . 4 . 3-4	HUM 203	Spring Term Western Civilization
ENG NS	123	Spring Term		consult his	ate in Arts Degree candidate is urged to advisor for completion of his sopho-

language,

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103 Political Science

103 Physical Education

Elective



15-16

sequence of sophomore level courses in the Liberal

Arts and complete the second year of a foreign

Associate in Arts — Humanities Major

Arts and Sciences

Freshma. Year	n Fall Term	Credit Hours	Sophomore Year	Fall Term Credit Hours
ENG 19	Il Composition		SS 101 PHIL 201	Sociology
HUM 20				American History
11019 20	Foreign Language		ENG 201	Introduction to Literature 3
PE 10	1 Physical Education		231-0 201	Music or Art Electives
PSY 10				
				14-16
		17		Winter Term
	Winter Term		SS 102	Economics 4
ENG 19	22 Composition	3	PHIL 202	Philosophy
NS	Natural Science	4	HST 112	American History 3
HUM 20	2 Western Civilization		ENG 202	Introduction to Literature 3
	Foreign Language			Music or Art Electives 1-3
PE 10	2 Physical Education	1		L. A. C.
				14-16
		16		Spring Term
	Spring Term		SS 103	Political Science 4
ENG 12	3 Composition	3	PHIL 203	Philosophy 3
NS	Natural Science		HST 113	American History
HUM 20			ENG 203	Introduction to Literature 3
	Foreign Language	4		Music or Art Electives 3
PE 10	3 Physical Education	1		
				14-16
		16		

Associate in Arts - Language Arts Major with emphasis in English

Freshman Year	Fall Term	Credit Hours	Sophomore Year	e Fall Term Credit Hours	
ENG 121 NS SS 101 PE 101 101	Natural Science	, 4 , 4 1	ENG 201 HUM 201 201	Introduction to Afford the Country of the Country o	4
		16		Winter Term	4
ENG 122 NS SS 102 PE 102 102	Natural Science	4	ENC 260 HUM 202	Introduction to Literature 3	3
ENG 123 NS SS 103 PE 103 103	Physical Education	4 4 1	ENG 203 HUM 203 203	Spring Term Introduction to Literature	1 1 3

Electives:

1. Highly Recommended: HST 150 Afro-American History (4)

2. Recommended (Required for Pre-Teaching Programs):

PSY 201 Introduction to Psychology (4) PSY 204 Educational Psychology (3) SPH 104 Fundamentals of Speech (3)

3. Recommended:

PHIL 201, 202, 203 HST 111, 112, 113 PLS 250, 271 SPH 201 ENC 230 ENG 210, 211° ENG 290 ss270

*In the fall and spring terms only one novel course will be offered: ENG 210 or 211 The course not offered during the regular school year will be offered in the summer.

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Arts and Sciences

Associate in Arts - Language Arts Major with emphasis in Foreign Language

Freshma Year	n Fall Term	Credit Hours	Sophomore Year		edit ours
ENG 2	21 Composition	isties . 3	201	Natural Science	4
	OI Sociology			Elective	15
		15		Winter Term	- 1
SPH 10 SS 10	Winter Term 22 Composition	3 4 4	202 HUM 202	Natural Science	4
ENG 19 SPH 10 - 10 SS 10	Spring Term 23 Composition	15334	203 HUM 203	Spring Term Natural Science Foreign Language Western Civilization Elective	4 4
Electiv	/es;				
HST SS 2. Recor	270 Introduction to Anthropolo mmended: (Required for Pre-Tea s):	ching Pro-	PHIL 2	ended: 01, 202, 203 01, 202, 203 11, 112, 113	٠.
PSY PSY	201 Introduction to Psychology 204 Educational Psychology (3				

Associate in Arts - Language Arts Major with emphasis in Speech

Fresh Year	man		Credit Hours	Sophor Year	nore		edit eurs
ENC SS SPH NS PE			4	HUM SPH	201 202	Introduction to English Linguistics . Western Civilization . Discussion and Debate . Introduction to Literature . Elective .	4 3 3
			15				16
		Winter Term				Winter Term	
ENG SS SPH NS PE	105	Composition Economics Voice and Articulatiun Natural Science Physical Education	3	ENG ENG		Introduction to Theater Arts	3 3 4
			15				16
		Spring Term				Spring Term	
ENG SPH SS NS PE	123 201 103 103	Composition Interpretive Reading Political Science Natural Science Physical Education	4	SPH HUM	290 221 203 203	Shakespeare. Play Production Western Civilization. Introduction to Literature. Elective	3 4 3

Electives:

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- 1. Highly Recommended: HST 150 Afro-American History (4)
- 2. Recommended (Check individual Transfer Programs)

grams):
PSY 201 Introduction to Psychology (4)
PSY 204 Educational Psychology (3)

3. Recommended: HST 111, 112, 113 PHIL 201, 202, 203 SS 270 Foreign Language 101, 102, 103

LANSING

Associate in Arts - Social Science Major

The prospective Social Science or Psychology major is encouraged to consult with the faculty members specializing within his intended major area as well as the counseling staff. During the initial two years the student is urged to cultivate social interests and perceptions by taking advantage of the many symposia, lectures as well as the applied areas both within the college and the larger community.

Freshi Year	nan		Credit Hours
ENG SS	121	Composition	
	101	Sociology	
HUM	201	Western Civilization I	
PSY	101	Orientation*	
PE	101	Physical Education *	
		Elective***	4
			17
		Winter Term	
ENG	122	Composition	3
SS	102	Economics	. , 4
HUM	202	Western Civilization II	4
PE	102	Physical Education*	1
PSY	201	Introduction to Psychology	4
			16
		Spring Term	
ENG	123	Composition	3
SS	103	Political Science	4
HUM	203	Western Civilization III	4
PE	103	Physical Education	1
		Elective***	
			16

Sophomore Year		edit ours
	Afro-American History	
NS	Natural Science	
	Electives***	. 8
		15
	Winter Term	
NS	Natural Science**	. 4
	Electives ***	. 11
		, P
		15
	Spring Term	
NS	Natural Science**	
	Electives***	11
		15

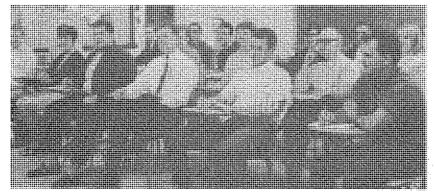
- Optional
- Natural Science consists of the following three courses and it is not necessary to take these in
 - NS 101 Botany-Zoology NS 102 Chemistry-Physics NS 103 Astronomy-Geology
- *** Electives should be selected from the following categories:
 - Geography, Select any one from the following courses: GEO 101, 201, 202, 203.

Psychology. Select any one from the following courses: PSY 202, 203, 204, 205.

Social Science. Select at least three courses from one of the following categories and two from the other:

- A. Political Science: 200, 210, 260, 271.
- B. Sociology and Anthropology: 200, 220, 254, 255, 270, 271.

Optional selection of 15 to 17 hours. Recommend preparation in foreign language or mathematics for students planning a four year program.





Arts and Sciences

Associate in Arts — Psychology Major

Freshman Year	Fall Term	Credit Hours	Sophom Year	оте	Fall Term	Credit Hours
SS 101 HUM 201	Composition Sociology Western Civilization I Orientation*	4	HST I NS	Natural	l Science** .	ory
	Physical Education	1				15
	Elective	4			Winter Tern	
		17	NS			
	Winter Term					
SS 102 HUM 202 PE 102	Composition Economics. Western Civilization II. Physical Education*	4 4 1	NS			15 n
PSY 201	Introduction to Psychology	4				15
		16				
	Spring Term					
SS 103 HUM 203	3 Composition 3 Political Science 3 Western Civilization III 5 Physical Education* 6 Elective***	4				
		16				
		10				
 Optional Natural Science consists of the following three courses and it is not necessary to take these in 				TH 102 Inti TH 158 Des		5 5
sequ NS 1	ence: 01 Botany-Zoology		ychology. S wing:	delect three	courses from the fol-	
	02 Chemistry-Physics 03 Astronomy-Geology				ch, of Persona ial Psycholog	
 Electives should be selected from the following categories: Mathematics. Select option A or B. Student continuing in a four-year program should select option A. A MTH 164 Coll. Alg. & Trig. I 5 MTH 165 Coll. Alg. & Trig. II 5 			PS	Y 204 Edu		3 3
			of 27	the followi 0; Sociolog	ng: Political y and Anthro	ree courses from any Science 200, 210, 260, opology 200, 220, 254, 101, 201, 202, 203.
					etion of 8 to	
	NF - N/					

Associate in Science Degree

Freshi Year	nan		redit Iourŝ	Sopho Year	more	Fall Term Cre Hot	
ENG MTH PSY PE	164 101	Composition College Algebra & Trig. I Science Electives Orientation Physical Education	. 5 . 4-5 1	HUM SS		Western Civilization	
			14-15			Winter Term	
ENG MTH PE	165	Winter Term Composition	3	HUM SS HUM SS	203	Western Civilization. Economics Science or Math Elective Spring Term Western Civilization. Political Science Science or Math Elective	8 16 4 4
ENG	102	Composition	3				10
PE		Science Mathematics Physical Education	9-10				16
		Elective	3				
			16-17				



Associate in Science — Biology Major

Freshi Year	nan		Credit Hours	Sopho Year	more		Credit Hours
ENG MTH BIO PSY PE	164 107 101	Composition College Algebra & Trig. I. General Biology I Orientation Physical Education	3 5 4	HUM SS	101	Western Civilization Sociology General Chemistry Elective	4
			.14			Winter Term	
ENG MTH BIO PE	165 108	Winter Term Composition	5 4 1	SS	102	Western Civilization	4
		Ziecire				Spring Term	
ENG BIO PE	123 109 103		4	SS	103	Western Civilization Political Science Qualitative Analysis Elective	4
		MATH OF Science Elective	13				41
		Recor	nmende	d Elec	tive	es	
MTH MTH BIO BIO BIO	214 201	Analytic Geometry & Cal. I Analytic Ceometry & Cal. II Zoology I Zoology II Botany	5 4 4	PHY PHY PHY PHY PHY PHY	202 203 211 212	Physics Physics Physics Physics Physics Physics Physics Physics	4
• Pre	requ	isite Trigonometry or approval of t	he de-	oo Pre	requi	isite MTH 213 or approval of the de	epart-

Associate in Science — Chemistry Major

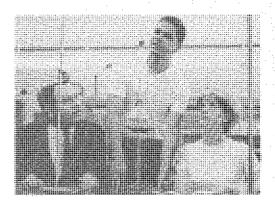
ment.

Freshman Year	Fall Term	Credit Hours	Sophomo Year	re Fall Term	Credit Hours
	Orientation	5 5	HUM 20 SS 10 CEM 20		4 5 4
		15		Winter Term	17
MTH 165 CEM 112	Winter Term Composition College Algebra & Trigonometry General Chemistry Physical Education	1 5 5	SS 10	2 Western Civilization 2 Economics 2 Organic Chemistry Elective	4 5
115 102	Thysical Education	14		Spring Term	17
	Spring Term Composition General Chemistry Physical Education Math or Science Electives.	5	SS 10	3 Western Civilization	4 5



partment.

Arts and Sciences



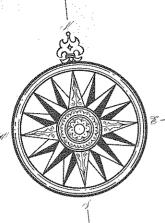
Associate in Science — Mathematics Major

Freshman Year	Fall Term	Credit Hours	Sophomore Year	Fail Term Credit Hours
ENG 121 MTH 180 SS 101 PSY 101 PE 101	Orientation	5 4 1	HUM 202 MTH 215 NS	Western Civilization 4 Anal. Geom. & Calculus III 5 Natural Science 4 Elective 3 16
		14		Winter Term
MTH 213 SS 102	Winter Term Composition	5 4	HUM 201 MTH 216 NS	Western Civilization 4 Anal. Geom. & Calculus IV 5 Natural Science 4 Elective 3 16
SS 103 PE 103	Spring Term Composition Political Science Physical Education Anal. Geom. & Calculus II Elective	4		Spring Term Western Civilization 4 Theory of Matrices 4 Natural Science 4 Elective 3 15

Associate in Science — Physics Major

Freshman Year	Fall Term	Credit Hours	Sophomor Year	e Fall Term Cree Hot	
MTH 180 CEM 111 PSY 101	Composition College Algebra and Trig. General Chemistry Orientation Physical Education	5 5 1	SS 101 PHY 211	Western Civilization Sociology Physics Anal, Geom. & Calculus III	5
		15			17
		ž.		Winter Term	
	Winter Term		HUM 202	Western Civilization	4
ENG 122	Composition	q		Economics	4
					Â
MTH 213				Physics	
	General Chemistry		MTH 216	Anal. Geom. & Calculus IV	0
PE 102	Physical Education				17
	Blocking 111, 1111, 1111, 1111, 11			Spring Term	
		17	THE ! A . OOO		4
	Spring Term			Western Civilization	4
	Spring Term			Political Science	4
ENC 123	Composition	3	PHY 213	Physics	4
MTH 214	Anal, Geom. & Calculus II	5	MTH 234	Theory of Matrices (Recommended)	4
	General Chemistry			` 	
PE 103			,		16
100	Elective				
				•	





Pre-Professional Program

Arts and Sciences

The pre-professional curriculums offered by the College of Arts and Sciences parallel in content those offered by four-year institutions within the State of Michigan. They are planned to satisfy both general education requirements and the entrance requirements of the professional schools. A student who does not find a suggested program in the field of his choice should consult a counselor in the Student Personnel Services Office for assistance in choosing a proper sequence of courses.

Admissions requirements to professional programs vary among the schools, colleges and universities. Therefore, it is imperative that the student make an early decision on the institution to which he wisbes to transfer and then elect the courses which will allow him to meet the requirements of that institution.

Pre-Chiropractic

It is recommended that students who intend to matriculate in nationally accredited chiropractic colleges complete two full academic years of pre-professional college work before enrollment since most accredited colleges now have this requirement. This is becoming increasingly desirable as more states adopt the two-year pre-professional requirement, in addition to four academic years of professional education as a requisite for licensure.

Freshr Year	nan		Credit Hours	Sophomor Year	Fall Term Credit Hours
ENG	121	Composition	3		Organic Chemistry 5
MTH		College Algebra & Trig. I			Sociology 4
CEM	111	Inorganic Chemistry	5	HUM 201	Western Civilization 4
BIO	107	General Biology I	4		Elective3-4
			17		16-17
		Winter Term			Winter Term
ENG	122	Composition	3	CEM 202	Organic Chemistry 5
MTH		College Algebra & Trig. II			Economics 4
CEM	112	Inorganic Chemistry	5	HUM 202	Western Civilization 4
BIO		General Biology II			Elective
			17		16-17
		Spring Term			Spring Term
ENG	123	Composition	3	CEM 203	Organic Chemistry 5
CEM		Inorganic Chemistry		SS 103	Political Science 4
BIO		General Biology III			Western Civilization 4
PSY		Intro. to Psychology			Elective
			16		16-17

Recommended Electives

Anatomy 201 Anatomy and Physiology Biology 201 Zoology Psychology 202 Psychology of Personality Psychology 203 Social Psychology Physics 201, 202, 203 Speech 104 Fundamentals of Speech



Arts and Sciences

Pre-Dentistry

Freshr Year	nan	Fail Term	Credit Hours	Sophomore Year	Fall Term	Credit Hours
PSY ENG BIO SS CEM PE	121 201 101 111	Orientation	1 3 4 4	CEM 201 (PHY 201	Western Civilization Organic Chemistry . Physics	
		Winter Term	10		Winter Term	
ENG BIO SS CEM PE	202 102 112	Composition	4 5 1	CEM 202 PHY 202	Western Civilization Organic Chemistry Physics Elective	
		Paring Torm	17		Spring Term	
ENG BIO SS CEM PE	203 103 113	Spring Term Composition Botany Political Science Qualitative Analysis Physical Education	4 4 5	CEM 221 PHY 203	Western Civilization Quantitative Analysis Physics	4
			Pre-1	Law		
Fresh Year	man	Fall Term	Credit Hours	Sophomore Year	Fall Term	Credit Hours
ENG HST SS PSY PE	111 101 101	Composition American History Sociology Foreign Language Orientation Physical Education	4 4	EC 201	Philusophy Economics Western Civilization Natural Science	
•			16		Winter Term	
ENG HST SS PE	112 102	Winter Term Composition American History Economics Foreign Language Physical Education	3 4	EC 202	Philosophy Economics Western Civilization Natural Science Elective	
		Spring Term	15		Spring Term	17
ENG HST SS PE	113 103	Composition American History Political Science Foreign Language Physical Education	4	EC 203	Philosophy	
				Recommen	ided Electives:	
				Literatu Languag Account	re ge	Psychology Speech Geography



Pre-Medical Arts and Sciences

Medical school applicants must present at least 90 semester hours of credit. Twothirds of these, or 90 term hours, may be taken at Lansing Community College.

Pre-medical students should be familiar with the requirements of the medical school of their choice and adjust their programs of study accordingly—in consultation with their advisers. The University of Michigan School of Medicine, for example, requires facility with a foreign language.

Fresh Year	nan	Fall Term	Credit Hours	Sophomore Year	Fall Term Credit Hours
PSY ENG SS BIO CEM PE	121 101	Sociology Zoology General Chemistry	3 4 4	PHY 201 CEM 201 HUM 201	Physics 4 Organic Chemistry 5 Western Civilization 4 Foreign Language or Mathematics 4-5 17-18 17-18
		Winter Term	18		Winter Term
ENG SS BIO CEM PE	102 202 112	Composition Economics Zoology General Chemistry Physical Education	4 4	CEM 202	Physics 4 Organic Chemistry 5 Western Civilization 4 Language or Math 4-5 17-18
		e de Trans	17		Spring Term
ENG SS BIO CEM PE		Spring Term Composition Political Science Botany Qualitative Analysis Physical Education	4	PHY 203 CEM 221 HUM 203	Physics
			17		A contract of the contract of

Pre-Mortuary Science

The Michigan State Board of Mortuary Science requires that a licensed mortician:

- Complete 90 term hours of instruction at a recognized community college, four-year college or university.
- 2. Graduate from a nine-month course at an approved college of mortuary
- 3. Complete one year of resident training under the supervision of a licensed mortician.
- 4. Be 21 years of age, a resident of Michigan, a citizen of the United States, and of good moral character.

Fresh Year	man	Fall Term	Credit Hours	Sophe Year	more		Credit Lours
PSY SS CEM	101 101	Introduction to Chemistry	4 3	PSY BIO		Psychology	4
ENG PE		Composition Physical Education Elective	1			Winter Term	16
		Winter Term	15	PSY BIO		Psychology of Personality Zoology	4
ENG SS CEM MTH	$\frac{102}{102}$	Composition Economics Introduction to Chemistry Intermediate Algebra	4 3			Spring Term	15
PE		Physical Education		ENG PSY		Speech	3
		Spring Term					
ENG SS CEM PE	123 103 103 103	Political Science	4 3	Ace Hu Soc Scie	ount. mani	ties ciences	14



Arts and Sciences

Pre-Nursing

For Students Planning to Transfer to Wayne State University

Students at Lansing Community College who wish to enter the College of Nursing, Wayne State University, may transfer the following courses. All students should contact a counselor at Wayne State University College of Nursing as early as possible, and must do so before completing a year of study.

Freshman Year	Fall Term	Credit Hours	Freshmai Year	n Winter Term	Credit Hours
CEM 111 SS 101 PSY 201 PSY 101	Composition	5 4 1	CEM 11 5S 10	2 Composition	5 4

Fresh Year	man	Spring Term	Credit Hours			
ENG	123	Composition				3
		Qualitative Analysis				
SS		Political Science				
		Electives	,			4
PE	101	Physical Education				1
		,			-	
						3.77

Pre-Nursing

For Students Planning to Transfer to Michigan State University

Students at Lansing Community College intending to enter the Michigan State University School of Nursing should consult a counselor there during the freshman year.

Fresh Year	man		Credit Iours	Freshn Year	nan	Winter Term	Crec Hou	
ENG	121	Composition	3	ENG	122	Composition		3
CEM	111	Inorganic Chemistry	5	CEM	112	Inorganic Chemistry		5
SS	101	Sociology	4	SS	102	Economies		4
NS		Natural Science	4	NS		Natural Science		4
PSY	101	Orientation	1	PE	102	Physical Education		1
PE	101	Physical Education	1				-	
								17
			18					

Fresh Year	man		 edit ours
ENC	123	Composition	. 3
CEM	113	Qualitative Analysis	 . 5
SS	103	Political Science	 . 4
NS		Natural Science	 . 4
PE	103	Physical Education	 . 1
			14



Pre-Nursing

For Students Planning to Transfer to the University of Michigan

Nursing students enrolled in clinical courses in the University Hospital during the third and fourth years receive a stipend of \$100.00 at the end of each month in recognition of the contribution of nursing students to the care of patients in the University Hospital. This arrangement begins with the second summer session and is exclusive of planned vacation periods and experience away from the medical center.

A student may be admitted to The University of Michigan School of Nursing upon successful completion of three terms of study, 45 term hours of credit, and will enter the University at the beginning of the first summer session.

Freshman Year	Fall Term	Credit Hours	Fresh Year	nem	Winter Term	Credit Hours
ENG 121 CEM 111 SS 101 PSY 201	Orientation Composition Inorganic Chemistry Sociology Psychology Physical Education	3 5 4		112 102 202	Composition	5 4 3
		18				10

Freshman Year		Spring Term	Credi: Hours			
ENG	123	Composition			3	
CEM	113	Oualitative Analysis			5	
SS	103	Political Science	,		4	
PSY	203	Social Psychology			3	
PΕ	103	Physical Education			ì	
					16	

Pre-Optometry

A degree in optometry now requires five years of study. Some colleges require one year of general education and four years of specialized training. Others require two years of general education and three years of specialized training.

Students may take either the one or two years of general education at Lansing Community College. The curriculum selected here will depend upon the requirements of the college from which the student expects to earn his degree in Optometry.

Pre-Pharmacy

Freshr Year	nan	Fall Term	Credit Hours	Sopho Year	more		Credit Hours
ENG	121	Composition	3	CEM	201	Organic Chemistry	5
CEM	111	Inorganic Chemistry		PHY	201	Physics	4
PE	101	Physical Education		EC	201	Economics	3
PSY		Orientation		BIO	201	Zoology	4
MTH	164	College Algebra & Trig. I	5				
							16
			15			Winter Term	
		Winter Term		CEM	202	Organic Chemistry	5
ENG	122	Composition	3	PHY		Physics	
CEM		Inorganic Chemistry		EC		Economics	
PE	102	Physical Education	i	BIO	202	Zoology	4
SS		Sociology					
МТИ	165	College Algebra & Trig. II	5				16
			18			Spring Term	
			18	CEM	203	Organic Chemistry	5
		Spring Term		PHY		Physics	
ENC	123	Composition	3	EC		Economics	
CEM	113	Qualitative Analysis	5	SS	103	Political Science	4
\mathbf{PE}	103	Physical Education	1	BIO	203	Botany	. 4
		Elective	3				
		**************************************					20
			12				



Arts and Sciences

Pre-Physical Therapy

This curriculum is designed for the student who wishes to transfer to the College of Literature, Science and Arts at the University of Michigan. Requirements are quite detailed and the student should consult the catalog of the Literary College for further information.

Freshn Year	nan	Fail Term	Credit Hours	Sopho: Year	more		redit lours
ENG CEM MTH	111 164	Composition Inorganic Chemistry College Algebra & Trig. I Foreign Language Physical Education	5 4	SS CEM PSY BIO	$201 \\ 201$	Sociology Organic Chemistry Intro, to Psychology Zoology	. 5
PSY		Orientation				•	17
						Winter Term	
		Winter Term	19	SS CEM		Economics	
ENG CEM MTH	112	College Algebra & Trig. II	5 5	BIO		Zoology Elective	. 3
PE	102	Foreign Language	1			Spring Term	16
		Spring Term	18	SS CEM		Political Science	. 4
ENG CEM PE	113	Composition Qualitative Analysis Foreign Language Physical Education	5 4	PSY BIO	203 203	Chem. Social Psychology Botany Elective	. 3
			13				19

Social Work Curriculum

The growing complexity of community problems which are distinctly social in nature has created a need for more well informed citizens who are able to cope with these difficulties. The need for professional and non-professional leaders who understand the problem areas of youth, lahor and management, domestic relations, less privileged groups, and racial tension is apparent in almost every community.

Professional career opportunities in both government and private social welfare are increasing in number. Openings in most areas far exceed the supply of trained workers in the field. The suggested curriculum for social work follows, hut the student should check the specific requirements of the school of social work he intends to enter and adjust the curriculum to meet his transfer requirements.

Freshman Year	Fall Term	Credit Hours	Sophomore Year		edit urs
PSY 101 ENG 121 SS 101	Orientation® Composition Sociology Foreign Language Elective	3 4	HST HUM 201 NS 101	Afro-American History Western Civilization I Botany-Zoology Elective	4
	Winter Term Gomposition Economics Introduction to Psychology Foreign Language	4	HUM 202	Winter Term Social Problems Western Civilization II Chemistry-Physics Electives	3 4 4
ENG 123 SS 103 PSY 202	Political Science Psychology of Personality Foreign Language	4	HUM 203	Spring Term Marriage and Family Western Civilization III Astronomy-Geology Electives	4

Recommended Electives

Second year of a foreign language; any course in Political Science, Geography or Social Science; Mathematics 164, 165; Economics 201, 202, 203; History 111, 112, 113, or Philosophy.



Prc-Teaching Curriculum

Electives should be determined by the requirements of the department of the fouryear college where the student expects to transfer. He should be aware that many colleges or universities require a full year of a foreign language for graduation. Electives should be determined by one's major and minors (2). The prospective teaching major is urged to consult with the faculty members in the department of Social Science as well as the counseling staff.

Pre-Teaching

Elementary

Freshn Year	nan	Fall Term	Credit Hours	Snphoi Year	more	Fall Term Credit Hours	
ENG SS NS ED	101 150	Composition	4 4 3	PSY ENG	201 230	Western Civilization	
PSY PE		Orientation*	1			16	-
			16			Winter Term	
ENG SS NS SPH PE	102 104	Winter Term Composition Economics Natural Science Fund. of Speech Physical Education	4 4 3	PSY	204	Western Civilization. 4 Education Psychology 3 Foundations of Physical Science 4 Electives 4	 -
			15		***	Spring Term	
ENC SS NS MTH PE	123 103 200 103	Political Science	4 5 1	HUM PSY FBS	205	Western Civilization	-
			17				

Recommended Electives

Electives should be determined by one's major and minors (2) and may be selected from the following disciplines:

Biological Sciences Physical Sciences Mathematics 201, 202 Social Sciences Humanities Language Arts Art Music

Pre-Teaching

Secondary

Freshi Year	man		redit Iours	Sophomore Year	Fall Term Credi Hour	
ENG SS PE	121 101 101	-	4	NS	Western Civilization. Natural Science Introduction to Psychology Electives.	4 4 -
		•	16		<u>k</u>	6
		Winter Term			Winter Term	
ENG SS PE	102	Composition Economics Physical Education*. Electives.	4	NS	Western Civilization. Natural Science Educational Psychology Electives	4 3 5
			16		· 1	6
		Spring Term			Spring Term	
ENG SS PE	123 103 103	Composition	. 4	HUM 203 NS PSY 205	Western Civilization. Natural Science Human Crowth and Development Electives.	1 4 3 4
•Opti	onal		16		1	5



Arts and Sciences

Electives

The electives should be selected from the following disciplines:

Anthropology	Geography	Philosophy
Biology	History	Physics
Chemistry	Literature	Political Science
Economics	Mathematics	Psychology
English Language	Musie	Sociology
Foreign Language		, and a second of the second o

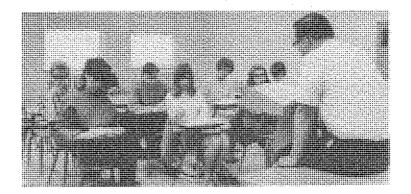
Pre-Theological Curriculum

To meet requirements for entrance into an accredited theological school, a student must complete a four-year program of study leading to the bachelor's degree. The American Association of Theological Schools recommends that the bachelor's program include work in each of these fields: English, philosophy, Bible and religion, history, natural sciences, social sciences, and foreign language.

A candidate for the ministry may appropriately major in one of several academic areas. A major and at least one minor in these areas is especially encouraged: English, history, philosophy, religion, sociology, psychology. Serious consideration should be given to starting the study of Greek language in college.

						•		
Fresh Year	man	Fall Term	Credit Hours	Sopho Year	тоге	Fall Term	Cre Ho	
ENG NS SS HST PSY PE	111 101	Composition Natural Science Social Science American History Orientation Physical Education	4 4 3	HUM PHL SPH PSY REL	201 104 201	Western Civilization Philosophy Fundamentals of Speech Introduction to Psychology Comparative Religions		3 4
ENG NS SS HST PE	102 112	Winter Term Composition Natural Science Economics American History Physical Education	4	HUM PHL SPH SS PSY	202 105 220	Winter Term Western Civilization Philosophy Voice and Articulation Juvenile Delinquency Psychology of Personality		3 3
ENG NS SS HST PE	123 103	Spring Term	15 3 4 4	HUM PHL SPH SS PSY	203 201 270	Spring Term Western Civilization. Philosophy Inter Reading Intro. to Anthro. Social Psychology		3





Pre-Veterinary Science

Arts and Sciences

Freshman Year			Credit Hours			
ENG	121	Composition		3		
SS	101	Sociology		4		
CEM	111	Inorganic Chemistry	,	5		
NS		Natural Science		4		
PE	101	Physical Education		1		
PSY	101	Orientation		1		
			_	18		
		Winter Term				
ENG	122	Composition		3		
CEM	112	Inorganic Chemistry		5		
NS		Natural Science		4		
PE	102	Physical Education		1		
MTH	180	College Algebra & Trig		5		
			-	18		
		Spring Term				
ENG	123	Composition		3		
CEM	113	Qualitative Analysis		5		
NS		Natural Science		4		
SS	102	Economics		4		
PE	103	Physical Education		1		
			-	17		

Sophom Year	ore	Fall Term		dit 118
HUM 2	201	Western Civilization		4
CEM 2	201	Organic Chemistry		5
PHY 2	201	Physics		4
BIO 2	01			4
				17
		Winter Term		
HUM 2	202	Western Civilization		4
CEM 2	202	Organic Chemistry		5
PHY 2	202	Physics		4
BIO 2	202	Zoology		4
				17
		Spring Term		
HUM 2	203	Western Civilization	 ÷	4
PHY 2	203	Physics		4
SS 1	03	Political Science		4
	Ī	Electives		3
			-	15





Health Careers

Department of Health Careers

Department Chairman: Michael Lenkowski

Suggested Programs of Study

These programs of study are intended to guide the student in his selection of courses at the College. Ample opportunity will be allowed for individualized programs to fit the specific requirements of the senior college or university of the student's choice when the course work involved requires study beyond that offered here. Every student planning to transfer to a four-year institution should be familiar with the requirements of the school to which he plans to transfer.



Michael Lenkowski

Associate Degree Program in Nursing

A NEW APPROACH TO NURSING EDUCATION

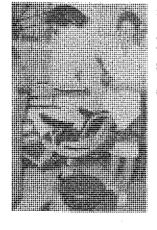
The Associate Degree Program in Nursing at Lansing Community College is a basic nursing program, complete for the purpose of preparing students to write the State Board Testpool Examination for Licensure as registered nurses. It is not equivalent to the first two years of a baccalaureate program in nursing. A graduate of this program may work toward a baccalaureate in nursing but transfer credit and advanced standing are determined by the college or university to which the student makes application.

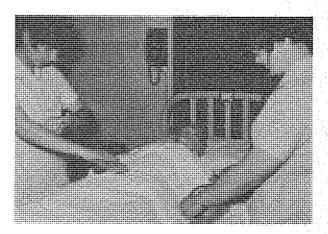
Courses in natural and social sciences and in English provide an educational background of scientific principles and communication skills. Anatomy-physiology, microbiology, chemistry and psychology are scheduled in the first three quarters; English, social science and speech are scheduled during the fourth through seventh terms. Theory and nursing laboratory sessions are conducted at the College. Clinical experiences are provided in three community hospitals with College faculty conducting the scheduled laboratory sessions in the hospitals. Other community health agencies and programs provide opportunities for observation of related health activities.

Student experiences progress from simple to complex patient care. Emphasis is placed on understanding of principles and the development of skills in the clinical setting. Pertinent activities of patient care, such as pharmacology, nutrition and nurse-patient relationships, are integrated throughout major nursing courses.

Upon completion of the program, the graduate will have had theory and related clinical experiences in medical, surgical, maternal-child and psychiatric nursing. The senior seminar and practicum provide theory and opportunities to apply beginning principles or leadership which relate to the patient care team.

The student is required to meet the College criteria for the Associate Degree, and the criteria for students in the Nursing Program to qualify for graduation.





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15

Anatomy/Physiol Psychology 201	Fall Term ions 101ogy 201 Ceneral	4	Winter Term Cred Nursing Foundations 102. Anatomy/Physiology 202 English 121 Psychology 202.	5 4 3	Health Career
Microbiology 203 Psychiatric Nursi	Spring Term cal-Mental Illness 20: ng 204°	1 10 4 4 	Summer Term Cree English 122	3 3	
Psychology — G	Fall Term Nursing 103° rowth & Dev. 205	13	Winter Term Cree Nursing in Physical-Mental Illness 202° English 123	10	
Advanced Nursi	Spring Term ng Skills 203	Credits	Ceneral Education		

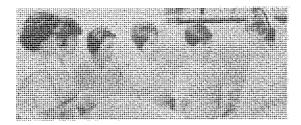
Dental Hygiene

Students interested in transfer to the University of Michigan in this curriculum must satisfy the distribution requirements of the College of Literature, Science and Arts before being admitted to the School of Dentistry. The applicant who has not completed one year of high school chemistry must take one year in college. Typing and bookkeeping are not required prior to acceptance, but it is suggested that all students acquire these skills either in high school or during the summer term. It is required that the candidate have some experience as an assistant before acceptance by most Schools of Dentistry. Course offered in Michigan at the University of Detroit and the University of Michigan.

Freshi Year	ทลก	Fali Term	Credit Hours	Sopho Year	more	Fall Term Cre	
ENG	121	Composition	3	PSY	201	Introduction to Psychology	4
BIO	201	Zoology	4			Foreign Language	
		Foreign Language	4	ENG		Literature	
SS	101	Sociology		CEM	111	Chemistry (Inorganic)	Э
PSY	101					•	
PE	101	Physical Education	1				15
		·				Winter Term	
			17	ENG	202	Literature	3
		Winter Term		CEM		Chemistry (Inorganic)	
ENC	100		3			Foreign Language	
ENG BIO		Composition		SPH	104	Speech Fundamentals	
DIO	202	Zoology Foreign Language				Elective	
SS	ton	Economies					
95 PE		Physical Education					17
FE	102	rnysical Education				Spring Term	
			16	ENC	203	Literature	3
		Spring Term		CEM	1.13	Qualitative Analysis	5
ENG	123	Composition	3			Foreign Language	3
BIO	203	•		PSY	203	Human Relations	3
SS	103						
50	100	Foreign Language					14
PE	103	Physical Education					
	200						







Health Careers Dental Assistant

The one year curriculum for dental assistant combines business and science courses. It is designed to help the student develop skills necessary to assist the dentist in his office management and with chairside assistance.

After completing the three terms of course and laboratory work at Lansing Community College, and two years of employment in a dentist office, the student may apply for a Certified Dental Assistant rating. The student will receive the Certificate after passing the examination conducted by the Certifying Board of the American Dental Assistant Association.

Course Requirements

Pre-requisite for Bus. 101 is one year of high school typing or Bus. 011.

	Fall Term		Spring Term
BUS	101 Int. Typing	3	ENG 112 Communication II
BUS	117 Bus. Math	3	BUS 204 Bus. Correspondence
MIC	100 Microbiology	3	BUS 220 Office Mgt. I
PSY	151 Psychology		DS 103 Dental Science III
DS	101 Dental Science I		
		17	
	Winter Term		
ENG	III Communication I	3	
BUS	110 Applied Acct	4	그는 그는 그는 그는 그는 그는 그를 다 되었다.
SPH	104 Fundamentals of Speech	3	二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十
DS	102 Dental Science II	5	
		15	
Δ	e · Etatl		

Occupational Therapy

50

Students who plan to follow this curriculum should consult the catalogs of Eastern Michigan University, Wayne State University, or Western Michigan University for detailed information concerning course requirements. The specific nature of some of the course work in the second year makes it impossible for a student to complete all of his sophomore year at Lansing Community College.

Freshma Year	n Fall Term	Credit Hours	Freshman Year	Spring Term	Credit Hours
BIO 20 SS 10 PSY 10 PE 10	1 Composition 1 Zoology 1 Sociology 1 Orientation 1 Physical Education 4 Speech Fundamentals	4 1 1	BIO 203 SS 103 NS 103	Composition	4
	, opcour a manufacture	16			16
Freshma Year	n Winter Term	Credit Hours			
BIO 20 SS 10 PE 10	22 Composition 22 Zoology 22 Economics 22 Physical Education 23 Chem-Physics	4 4			



Health Careers

Practical Nursing

Lansing Community College is one of thirty-three schools in the state of Michigan approved by the Michigan Board of Nursing to prepare men and women for careers in Practical Nursing.

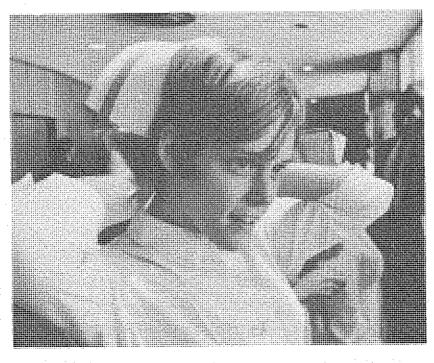
This is a one-year program designed to give the student one term of classroom and laboratory instruction, followed by three terms of clinical experience in affiliated hospitals.

New classes begin in September of each year, and are offered on a full-time, daytime basis only.

Students must meet the requirements of the College as well as the Practical Nursing Department for admission, continuation, and graduation.

	lst Term	Credit Hours			redit ours
PN PN PN PN PN PSY PN	600 Foundations of Nursin 602 Anatomy & Physiology 606 Nutrition	y 4 Ph 2 Ph 	604 622 616	Fundamentals of Nursing Crowth & Development Nursing Skills II 3rd Term Medical-Surgical Nursing Medical-Surgical Skills	. 6
	·	P!		4th Term Maternal-Child Nursing	

Students receive graduate pins and Certificates of Achievement upon satisfactory completion of the program, and are eligible to write the State Board Examination for Practical Nurse licensure. For more complete and detailed information, write or telephone for the Practical Nursing brochure, Admissions Office, Lansing Community College, 419 N. Capitol, Lansing, Michigan 48914. Telephone, 489-3751, ext. 291. Application should be made as soon as possible since there is usually a waiting list.





Health Careers COURSE DESCRIPTION

Associate Degree Nursing

101 Nursing Foundations I

Fall Term

Five credits

The beginning course in the sequence of Nursing courses. Consistent with the progression from simple to complex, this course emphasizes basic principles of patient care. Nurse-Patient relationships, communication, observation of overt-covert physical and emotional needs, and related basic patient care activities are included. The student has opportunity to apply principles in selected hospital laboratory experiences, and to reinforce knowledge and skills in campus practice laboratories and Audio-Visual Tutorial study. 5 (3-7)

102 Nursing Foundations II

Winter Torm

Five credits

A continuation of Nursing Foundations I with emphasis upon more complex basic patient care. Oxygen needs, fluid and electrolyte balance, administration of medicines, and beginning concepts of rehabilitation are emphasized. Observation and intervention as indicated by the overt-covert physical and emotional needs are stressed as well as attention to the priority of needs. Basic principles of nutrition, pharmacology, physics and chemistry are integrated as they apply throughout this course and succeeding courses in the nursing sequence. Prerequisite: Nursing Foundations I. 5 (3-7)

103 Maternal-Child Nursing

Fall or Winter Term

Ten credits

A clinical nursing course which provides the student with opportunities to develop basic understanding, and to apply basic principles in planning and implementing care for mothers, newborn infants, and the growing child. Selected experiences in the hospital laboratory include labor-delivery, nursery, post-partum, and pediatric areas. Resources in community health agencies provide opportunities for observation of related health services. Prerequisite: Nursing Foundations I and II. 10 (5-15)

201 Physical and Mental Illness I

Spring Term

Ten credits

A clinical nursing course which provides opportunities for the student to apply nursing principles in the care of patients with common physical illnesses. Further emphasis is placed on the relationship of physical and emotional needs of the patient, family and community, and pertinent nursing intervention. Selected patient experiences are provided in three hospital laboratory sessions each week during the term. Community health agencies are utilized for observation of pre- and post-hospitalization health services which are available to the patient. Prerequisite: Nursing Foundations I and II. 10 (5-15)

202 Physical and Mental Illness II

Fall or Winter Term

Ten credits

A continuation of Physical-Mental Illness I with emphasis on more complex aspects of patient care in the presence of common physical illnesses. Emphasis is also placed upon observation of overt-covert needs, priority of patient needs, and appropriate intervention in complex nursing situations. The student has opportunity to develop nursing care plans for a number of patients, and implement care in selected clinical areas. Prerequisite: Nursing Foundations I and II and Physical and Mental Illness I. 10 (5-15)

203 Advanced Nursing Skills

Spring Term (2nd year)

Ten credits

A seminar and related practicum in the hospital and other community health agencies. The dual objective of the course emphasizes the principles of leadership as they relate to the functions of the patient care team, and principles related to developing and implementing nursing care plans for several patients based on priority and complexity of patient needs. Observations in specialty and concentrated care units are utilized to assist the student in understanding the full range of patient care facilities. Several seminar sessions are devoted to professional,



l Health Careers

legal, and ethical responsibilities of the nurse. Prerequisite: Physical and Mental Illness I and II. 10 (5-15)

Dental Assistant

Dental Science I

Five credits

Study of dental vocabulary, structure of teeth, mouth tissues and related anatomy. Introduction to dental instruments and equipment. 5 (3-3)

Dental Science II

Five credits

Theory of dental roentgenology, principles of X-ray production techniques of intro oral radiography. Introductory laboratory and practical experience course. Dental materials, with study of physical properties, characteristics and uses.

Study of bacteriology and sterilization; principles and methods of sterilization and disinfection. 5 (3-3)

Dental Science III

Five credits

Clinical experience in exposing, processing and mounting X-rays. Continuation of selected areas in dental laboratory technique.

Chairside assisting; fundamentals, armamentarium procedures, dental assistant duties.

Selected practical experiences in a dental office. 5 (3-3)

Practical Nursing

600 Foundations of Nursing

Five credits

A course given in conjunction with nursing skills I and designed to acquaint the student with the foundations of nursing practice and the principles underlying them. Includes the physical and emotional effects of illness on the patient. Stresses the special effects of long term illness. 5 (8-0)

602 Anatomy and Physiology

Four credits

A course designed to enable the student to develop an adequate working knowledge of the normal structure and functions of the human body, a realization of the relationship of illness to body functions, and the terminology necessary to communicate with other health team members. 4 (4-0)

606 Nutrition

Two credits

A course designed to acquaint the student with the normal, basic nutritional needs of the individual and how these needs may be met. Includes also the scientific principles on which modification of the diet during illness is based. 2 (1-2)

608 Community Health

One credit

A discussion of the public and volunteer agencies of the community; their relationship to the health field, and how they function to prevent and control disease and promote community health. 1 (1-0)

610 Vocational Relations

One credit

A discussion of the history of nursing; the legal responsibilities of nursing and the social structure and relationships of nursing. 1 (1-0)

PSY 100 Psychology (PN)

Two credits

A sequence of courses designed to introduce the student to the principles of emotional development. Endeavors to prepare the student to understand human behavior and to deal effectively with the patient's behavior. 2 (2-0)



Health Careers

612 Fundamentals of Nursing

Three credits

A course designed as an introduction to the characteristics of chronic illness and to planning comprehensive nursing care for the long term patient. 3 (4-0)

616 Medical-Surgical Nursing

Six credits.

A course dealing with the characteristics of acute medical conditions and to the body's response to surgical procedure, and with the special nursing needs of these patients. It is in this course that the students learn the principles of rehabilitation and how to apply these principles to the care of all patients. 6 (9-0)

614 Maternal-Child Nursing

Six credits

A course dealing with the characteristics of the post-partum patient, the newborn baby and with the special nursing needs of these patients; the course also includes the knowledge necessary to care for the sick child and to recognize his special needs. 6 (9-0)

604 Growth and Development

Three credits

A course dealing with the principles of physical development and with the characteristics of the normal individual throughout the various periods of his life span. 3(3-0)

618	Nursing Skills I 6 (0-12)	Six credits
622	Nursing Skills II 6 (0-26)	Six credits
624	Medical-Surgical Skills 6 (0-26)	Six credits
626	Maternal-Child Skills 6 (0-26)	Six credits

A sequence of four courses designed to develop in the student the necessary competency to perform nursing care for patients whose state of illness has become relatively stabilized. She should be able to apply the scientific principles of nursing, and related subjects, to make the necessary judgements for meeting the nursing needs of the individual patient.





Painting by Glennis Peterson

Department of Humanities

Department Chairman: Joseph L. Anderson

Art

101 Drawing I

Three credits

A basic approach to the coordination of mind, eye, and hand with appropriate drawing tools. Life drawing and still life using charcoal medium.

102 Drawing II

Three credits

Continuation and expansion of Drawing I, according to individual student's requirement.

103 Drawing III

Three credits

Continuation of Drawing II.

130 Art Appreciation

Three credits

Study of notable examples of art with emphasis on enjoyment and understanding of painting, sculpture, and architecture, designed to increase the student's visual perception and to develop his aesthetic sensibilities. Not open to art majors.

150 History of Art I

Three credits

Study of architecture, painting and sculpture in Egypt, the Middle East, Byzantium, and Europe from prehistoric times to the early Middle Ages. Slide lectures and museum excursions.

151 History of Art II

Three credits

Study of architecture, painting and sculpture in Italy, the Low Countries, France, Germany, Spain and England from the high Middle Ages, through the Renaissance, Baroque and Rococo periods. Slide lectures and museum excursions.



Dr. Anderson



Humanities

History of Art III

Three credits

Study of architecture, painting, and sculpture in Italy, France, Germany, England, and the United States, from the late Baroque through the present. Slide lectures and museum excursions. 3 (3-0)

Painting I

Three credits

Beginning exercises to instill good work habits and to explore a variety of approaches to painting in oil and water color mediums. Students advance on an individual basis. Required of all students planning to major in the commercial or fine arts field. 3 (0-3)

202 Painting II

Three credits

Continuation of Painting I. Each student advances according to his individual requirements, and works to fuse his developing skills into a mature technique and approach to painting. 3 (0-3)

Painting III

Three credits

A polishing of skills and techniques acquired in Painting I and II, 3 (0-3)

220 Sculpture I

Three credits

Basic work in three dimension, including introduction to the various tools, techniques and methods of the sculptor. Original projects will be done in both modeling and carving, using several materials, 3 (0-3)

Sculpture II

Continuation of Art 220 with individual projects which further explore sculpture possibilities. A major emphasis on the human figure and anatomy. 3 (0-3)

Advanced projects in special interests and in larger sculptures using professional techniques. May follow realistic or modern lines, and may include experimentation with new materials or advanced work with the human figure. 3 (0-3)

250 Advanced Sculpture - Credit arranged.

Continuation of Art 222 for students with special skills who desire to continue work in advanced techniques. Enrollment by permission of instructor who will assign credit. Prerequisite: Art 222. 3 (0-3)

Advanced Painting - Credit arranged.

Variable credit (one to five)

Variable credit (one to five)

Continuation of Art 203 for students with special skills desiring to continue work in advanced techniques. Enrollment by permission of the instructor who will assign credit. Prerequisite: Art 203.

Commercial Art and Design I, II and III

Preparation and design of advertising copy in black and color from initial layout to the final printing. Rendering in such media as pen and ink, pastel, colored pencil and tempera. Portfolio presentation. Consent of the instructor. 3 (0-3)

Commercial Art and Design

Three credits

Continuation of Art 275. 3 (0-3)

Three credits

Commercial Art and Design Continuation of Art 276, 3 (0-3)

Life Drawing

Three credits

Advanced work to develop skill in understanding, interpreting and drawing the human figure in both two and three dimensional materials. 3 (0-3)

Life Drawing

Three credits

Continuation of Art 300. 3 (0-3)

302 Life Drawing

Three credits

56 Continuation of Art 301. 3 (0-3)



History Humanities

104 Recent European and World History, 1945 to the Present Three credits
Study of contemporary European history in its world setting from 1945 to present,

stressing most recent political, economic, military, diplomatic and cultural events and trends of significance. 3 (3-0)

111 American History I

Three credits

First of series of three courses designed for the study of growth and development of the United States. Traces the extension of European civilization to America, severance of European ties and the beginning of American nationalism. 3 (3-0)

112 American History II

Three credits

Continuation of History 111. Deals with strengthening of United States nationalism, slavery and Manifest Destiny, the preservation of the Union, and the rise of agrarian and urban conflicts. Prerequisite: History 111 or approval of department. 3 (3-0)

113 American History III

Three credits

Continuation of History 112. The United States as a world power, the experiment with imperialism, the progressive era, world conflict, the growing regulation of domestic economy, and the global war. Prerequisite: History 111 and 112 or approval of department. 3 (3-0)

150 Afro-American History

Three credits

Traces the history of the black man in America from his African origin to the present, outlining contributions to the American way of life in the fields of medicine, science, education, government, art and literature. 3 (3-0)

290 Seminar: Foreign Studies

(Variable credit)

To strengthen and deepen the student's cross-cultural experience. Program combines research and travel. Students study individually under guidance of faculty advisor. A library research project is combined with foreign travel and final report is prepared which incorporates these experiences.

Humanities

201 Western Civilization I

Four credits

First of a series of three courses in the cultural foundations of Western man. Traces the social, intellectual, religious, philosophic, legal, and artistic patterns of Near Eastern, Hellenic, and Roman Civilizations. Surveys the Christian foundations and the Byzantine and Saracenic influences on the feudal culture of Medieval Europe. 4 (4-0)

202 Western Civilization II

Four credits

Continuation of Humanities 201. Europe from the late medieval period, Renaissance and Reformation, Commercial Revolution and Expansion Overseas, nation-state buildings, science and secularism, and the crisis of the Ancien Regime. Concerned primarily with the development of ideas and new forms, intellectual revolution of early modern times, absolutism, and the influence of new forces in economics, philosophy, literature, and art. Prerequisite: Humanities 201 or the approval of the department. 4 (4-0)







Dr. Machtel

Humanities

203 Western Civilization III

Four credits

Continuation of Humanities 202. The French Revolution and its aftermath in the nineteenth and twentieth centuries: democracy, nationalism, industrialism, imperialism, the two world wars, and the fusing of Western and World Civilization. Development of contemporary culture in relation to science, philosophy, literature, art, and music. Prerequisite: Humanities 202 or approval of the department. 4 (4-0)

Music

58

101, 102, 103, 201, 202, 203 Choir (The Lansingers A cappella choir) One credit

A class for men and women designed to interest those students who would enjoy the pleasure of singing the best in A capella literature, as well as music in the lighter vein with piano accompaniment. Ability to sing a familiar melody in tune with a pleasing tone is the only prerequisite for the course. The number in the ensemble is limited to a balance of 60 voices. 1 (3-0)

104, 105, 106, 204, 205, 206 Glee Club-Men

One credit

For those who love to sing. Designed for the study, expression, and performance of the finest in glee club music. No previous experience is necessary, as the course integrates the needed musical and vocal knowledge in its rehearsals. Class limited to 60 voices. 1 (2-0)

114, 115, 116, 214, 215, 216 Glee Club-Women

One credit

Course description same as Glee Club-Men. 1 (2-0)



120, 121, 122 Tudor Singers

One credit

Humanities

A select group of musically and vocally talented students interested in singing Madrigal Music of the 14th through the 18th centuries. Enrollment by invitation only. Members must also be enrolled in the Lansingers. 1 (2-0)

130, 131, 132, 230, 231, 232 Class Voice

Two credits

Class instruction for those singers and speakers interested in knowing the principles of voice production and technique as applied to solo singing and choral tone. No previous vocal training required. Soloists for major music programs given by the Music Department are selected from this class. The limit in this class is 20. 2 (2-0)

140, 141, 142, 240, 241, 242 The LanSing "Steinmen"

One credit

This group is limited to 12 members; membership is by invitation only. The course specializes in the performance of that light type of music sung by students when exams are over and spirits soar high. In their costumes they represent the Old Heidelberg University men as depicted in Romberg's "Student Prince." Bawdy ballads, drinking songs, college songs amid festive atmosphere and narration furnish the continuity for the appearances of this choice group of singers. 1 (2-0)

150, 151, 152, 250, 251, 252 The LanSing Lassies (Girls' Barbershop Quartet)

One credit

Membership in this girls' quartet is by invitation. Its members adhere to the qualities of the National Barbershop Organization of S.P.E.B.S.Q.S.A. The repertoire of the close harmony nature, requiring excellent hearing and rhythmic perception. 1 (2-0)

160, 161, 162, 260, 261, 262 LanSymphonic Choir

One credit

This civic choir is the official choir of the Lansing Symphony Orchestra, performing with it in at least two performances each season. It is sponsored by the Lansing Symphony Association and Lansing Community College.

Its purpose is to learn and perform the great choral works of the masters, which have been composed specifically for chorus and orchestra. Membership is limited to a balanced 80 mixed voices. Entrance to the choir is by audition and invitation. The course is run on a 3-term basis and offers one credit per term for those who qualify. There is a \$10.00 per year music fee to cover the cost of the music performed. Within the 80 voice chorus is a 40 voice chorus, chosen groups of singers who qualify as soloists and have the ability to pass a standard musical theory examination. The soloists for the various productions are chosen from this group. 1 (3-0)

170, 171, 172, 270, 271, 272 The LanSing Lads (Mens' Barbershop Quartet)

One credit

An invitational group of four men whose efforts are given to top flight barbershop harmonies. Also fostering the spirit of S.P.E.B.S.Q.S.A., they promote all that is good in this different type of song. 1 (2-0)

175 Music Appreciation

Three credits

For the non-professional who seeks to enjoy music perceptively as a fine art. Introduction to the elements of music followed by a study of representative instrumental and vocal works of past 300 years. Lectures, records, and demonstrations will be used to illustrate musical ideas and to assist in promoting good listening habits. 3 (3-0)





Humanities Applied Music

All Music Lessons: Students are registered for the entire term. The student should arrange with the teacher for a conference before registering for lessons. Lessons consist of two half hour sessions per week, time to be agreed upon by student and teacher. Voice students who plan concentrated vocal study should be aware that some piano knowledge is necessary for all major Music School courses.

Fees: Students enrolling for courses under applied music will pay the regular course fee per credit hour, through the College Business Office. Applied music fees for music lessons, however, are paid directly to the instructor. The following fee schedule is applicable:

Dr. David Machtel: \$6.00 per one-half hour lesson, \$132.00 per term. Mrs. Wanda Richards: \$3.50 per one-half hour lesson, \$77.00 per term.

Voice. Instructor: Dr. David Machtel

176, 177, 178 Variable credit

This classification will include the student whose major interest is in another field of music and whose purpose in studying is to develop a better singing voice. Song repertoire studied will be in English and Italian.

276, 277, 278 Variable credit

For the voice student who shows evidence of outstanding voice, good ear, musical intelligence, and pleasing personality. Song literature in Italian. French and German, as well as English, will be studied. Definite standards of vocal proficiency are to be met. Appearance in recitals is a part of the course.

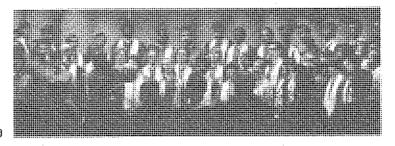
Piano. Instructor: Wanda Richards

180, 181, 182 Variable credit

Designed to give the student a greater proficiency in piano, this course covers major and minor scales, major and minor arpeggios, dominant and diminished sevenths, and selections from the classical, romantic, and modern masters.

280, 281, 282 Variable credit

For the student who shows talent for solo performance. Repertoire will include advanced selections from the classic, romantic, and modern masters. Technique will involve scales in rhythms, contrary motion, tenths, sixths, and thirds.





Philosophy

Humanities

201 Survey of Western Philosophy I

Three credits

First of series of three courses dealing with the philosophies of Western Man. Surveys major problems and historical periods in western philosophy. Designed around integrated readings in problem areas of philosophy and their relation to the historical contexts in which they occur. Emphasizes philosophies of Greece and Rome. 3 (3-0)

202 Survey of Western Philosophy II

Three credits

Continuation of Philosophy 201. Devotes special attention to the philosophies of the Medieval, Renaissance, and Early Modern Periods. Prerequisite: Philosophy 201. 3 (3-0)

203 Survey of Western Philosophy III

Three credits

Continuation of Philosophy 202. Devotes special attention to the philosophies of the eighteenth, nineteenth and twentieth centuries. Prerequisite: Philosophy 202. 3 (3-0)

250 Survey of American Philosophy

Three credits

American philosophy from its Puritan beginnings through the Enlightenment, Transcendentalism, and the St. Louis Hegelians; the revolt against formalism with emphasis on pragmatism and positivism in a democratic society. 3 (3-0)

Religion

150 Comparative Religions

Three credits

Survey of the great religions of the world, with emphasis on understanding their role in the historical development of man and society and comparing their influence in contemporary culture. 3 (3-0)

201 Religion in Non-Western Culture

Three credits

The background of the influence of religion on contemporary events and values in Asia and Africa. Some attention would be given to the "primitive" religious systems which are important today, the religious values affecting the development of the new nations, the involvement of religious traditions in the modernization of southern Asia, and to the distinctive contributions to culture made by particular religions. 3 (3-0)

202 The Judeo-Christian Tradition

Three credits

The main factors in the influence of Judaism and Christianity upon Western culture. Attention would be given to antecedents of monotheism; ancient Hebrew thought and life; influences of Judaism, Greek thought, and Roman thought upon early Christianity; modifications of Judaism and of Christianity; distinct contributions of Judaism and of Christianity in modern times; and major, current issues. 3 (3-0)

203 Religion in American Life

Three credits

The story of religion in the United States, from the early Puritans to modern pluralism. Emphasis upon the main contributions of religion to American culture; church and state relationships; major trends; contemporary issues, and the religious questions being raised in modern American art and literature. 3 (3-0)



Language Arts Department of Language Arts

Department Chairman: Hugh Schram



Hugh Schram

English

Entrance examinations in English are required for all entering students. Any student who scores below predetermined levels on these examinations will be expected to take the appropriate Language Skills course or courses as a prerequisite to entrance into the curriculum of his choice.

009 Basic Language Skills

Four institutional credits

For students whose previous academic performance makes admission to college credit courses inadvisable. Concerned with grammar, sentence structure, vocabulary building, and the basic elements of composition. Upon completion of this course, the student may take English 121 only on the recommendation of his instructor. 4 (3-1)

011 Developmental Language Skills

Four institutional credits

Designed for the student in need of an English refresher program. Considerably more advanced than Basic Language Skills, this course reviews grammar with concentration on sentence structure, vocabulary building, elements of composition, and selected readings. Special attention is given to problems of individual students. 4 (3-1)

019 Basic Reading Skills

Four institutional credits

For students whose previous academic performance makes admission to college credit courses inadvisable. Designed to improve reading proficiency levels, with emphasis on rate and comprehension. Special attention is given to problems of individual students. 4 (3-1)

021 Developmental Reading Skills

Four institutional credits

Designed for any student of average reading ability who desires to acquire more efficient reading techniques. Emphasis is upon both theoretical and practical aspects of reading speed and comprehension. Utilization of specialized devices in the Laboratory for Perceptual-Auditory Development is an integral part of the program. 4 (3-1)

111 Communication I

Three credits

For students entering the one-year certificate programs, and as a foundation for the one-year English requirement in two-year programs. Develops general knowledge and skills in communication necessary for successful employment. Includes review of English fundamentals, writing short themes, some oral communication, with emphasis on writing for business. 3 (3-0)

112 Communication II

Three credits

Continuation of English 111. Special emphasis on writing the research paper or report, the nature and scope of a variety of reports, techniques for locating information sources in the library, and continuing instruction in English fundamentals and usage. Prerequisite: English 111. 3 (3-0)

113 Communication III

Three credits

Designed to acquaint the student with the range of verbal and visual communications. Emphasizes analysis of information conveyed through the various media which constitute the major sources of his non-professional experience and influence his decisions as a citizen. Written work consists of several essays or library reports on current events. Prerequisite: English 122. 3 (3-0)

121 Composition

Three credits

Language Arts

For developing skill in reading, analyzing, and evaluating expository prose. Teaches student to organize ideas and communicate those ideas clearly and cogently in weekly papers. Student is introduced to the resources of the library through various reading and writing assignments. Prerequisite: satisfactory score on the English placement test, 3 (3-0)

122 Composition

Three credits

Devoted to the research or term paper. Includes introduction to principles of argumentation and various research techniques: notes, use of library resources, and organization and documentation of argumentative paper of approximately 3,000 words. Prerequisite: English 121. 3 (3-0)

123 Composition

Three credits

Special attention given to careful reading of works in prose, fiction, especially the short story, upon which the writing of weekly essays is based. Writing of one student essay each week. Prerequisite. English 121 and 122. 3 (3-0)

201 Introduction to Literature: Poetry

Three credits

Designed to help student understand and appreciate the form and content of narrative and lyric poetry. Includes discussion of nature, language, and content of poetry, with emphasis on learning to read this literary form intelligently. Prepares the student for advanced literary study by acquainting him with literary conventions, providing him with critical vocabulary, and introducing him to experience of writing analytical and critical papers. Required for English majors and minors, and recommended for most students in pre-teaching. Open to freshmen. 3 (3-0)

202 Introduction to Literature: Drama

Three credits

Introduction to the drama as a literary form. Acquaints the student with six to nine plays representative of major dramatists of the western world. Some attention given to principles and theories of drama, with primary emphasis on the appreciation of plays by such writers as Sophocles, Aristophanes, Terence, Marlowe, Shakespeare, Moliere, Racine, Congreve, Ibsen, Chekhov, Synge, Shaw, O'Neill, Williams. Student is expected to write analytical and critical papers and scheduled examinations. Required for English majors and minors. Prerequisite: English 121. 3 (3-0)

203 Introduction to Literature: Prose

Three credits

Designed to introduce student to the epic in prose translation, the romance, the novel, and satire. Student will read some of the most representative selections of literature of the western world, including such works as The Odyssey, Don Quixote, Candide, Gulliver's Travels, Joseph Andrews, Billy Budd, Lord Jim, and Babbitt. Student is expected to write analytical and critical papers and scheduled examinations. Required for English majors and minors. Prerequisite: English 121. 3 (3-0)

210 The Nineteenth Century American Novel

Three credits

Intensive study of some of the major 19th century American novels from James Fenimore Cooper to Theodore Dreiser and Jack London. General orientation is on historical development of the novel form in America and the novelists' responses to and interpretation of the American scene from colonial times to 1900. In addition to the reading of six to eight novels, critical and analytical papers are required. Prerequisite: English 121 and 122, or approval by the department. 3 (3-0)

211 The Twentieth Century American Novel

Three credit

Intensive study of some of the major American novels of this century and of the environments (general or specific) which influenced their writing. Student will



Language Arts

read novels by such authors as Anderson, Faulkner, Hemingway, Salinger, and Steinbeck. In addition to the reading of six to eight novels, critical and analytical papers are required. Prerequisite: English 121 and 122, or approval by the department. 3 (3-0)

212 The European Novel

Three credits

Intensive study of some of the major 19th or 20th century European novels, with attention given to their reflection of and influence upon the European scene and their contribution to the development of the genre. Writings of such authors as Dostoevski, Flaubert, Stendahl, Conrad, Joyce, and Camus will be read. In addition to the reading of six to eight novels, critical and analytical papers are required. Prerequisite: English 121 and 122, or approval by the department. 3 (3-0)

230 Introduction to English Linguistics

Three credits

Designed to introduce the student to various aspects of the English language: grammatical structure, significant sounds, historical change, borrowing, and meaning. Prerequisite: English 121, 122, and 123. Required for most students in pre-elementary teaching. 3 (3-0)

240 The Film As Art

Three credits

The importance of the film as an art form capable of making a meaningful and perceptive comment on our civilization. The viewing and analysis of 6-8 films, both foreign and American, of recognized merit. 3 (2-3)

241 The Film As Art

Same as 240 above only for continuing education without college credit. 3 (2-3)

250 Masterpieces of American Literature

Three credits

Designed to acquaint the student with some of the masterpieces of great American writers. Emphasis on such works as the essays of Emerson and Thoreau, poetry of Whitman and Frost, prose of Hawthorne, Melville, and Hemingway, and plays of O'Neill. The student is expected to write analytical and critical papers and scheduled examinations. Required for most students in pre-elementary teaching. Prerequisite: English 121. 3 (3-0)

260 Survey of Afro-American Literature

Three credits

A survey of Afro-American literature from the 17th to the 20th Century. Designed to introduce the student to the various genres in the literature of Black Americans, and to promote an understanding of the human situation through the study of these contributions. The student is expected to write analytical and critical papers and scheduled examinations. Prerequisite: English 121. 3 (3-0)

271 Advanced Writing

Three credits

Designed to help the student learn the art and techniques of writing essays, narrative fiction, and poetry. Emphasis on reading of original student work in class to evoke constructive criticism from other students. Student is encouraged to write as much and as well as possible in whatever area he chooses. The class provides an interested and sympathetic audience for creative efforts. Organized to encourage self-criticism as well as criticism from other students and the instructor. No quizzes or examinations. Prerequisite: Approval of the department by suhmission of an original manuscript. 3 (3-0)

290 Shakespeare

Three credits

Introductory course in the dramatic works of William Shakespeare. Student will read six to nine plays representative of the author's comedies, histories, and tragedies and representative of his early, middle, and late periods. Some attention given to the social and literary background of the Elizabethan world, but primary



Language Arts

emphasis is on the plays. Student is expected to write analytical and critical papers and scheduled examinations. Prerequisite: English 202 or approval of the department. 3 (3-0)

Foreign Languages

Students enrolling in a foreign language course must complete three terms of college work to receive credit.

Advanced placement may be arranged for those students who have satisfactorily completed two or more years of a language in high school. Proficiency tests will be given when there is a question concerning the student's level of accomplishment.

101, 102, 103 Elementary French

Four credits

Three-term sequence of elementary French designed to teach pronunciation, vocabulary, conversation, and reading from graded texts. Emphasis is given to the oral-aural approach, but the development of the skills of understanding, speaking, reading and writing has equal importance. Practice in mastery of the sound system, linguistic patterns, and grammatical structure of the language is afforded by a coordinated schedule of language laboratory sessions (using tapes of native speakers) and class recitations. Five one-hour class periods each week, plus additional work in the language laboratory. Prerequisite: for French 102, French 101; for French 103, French 102. Direct admission to 102 and 103 only under special conditions. Twelve hours needed for transfer. 4 (5-1)

201, 202, 203 Intermediate French

Four credits

Three-term sequence of intermediate French involving systematic review of syntactic patterns, conversation, and extensive reading of modern texts. Increasing emphasis is placed upon the oral and written use of the language, as well as the cultural background of the French land and people. Prerequisite: for French 201, French 102, and 103; for French 202, French 201, etc. Completion of the elementary sequence and this sequence will fulfill the basic language requirements for liberal arts and associated curricula. Five hours lecture, one laboratory. 4 (5-1)

101, 102, 103 Elementary Spanish

Four credits

Three-term sequence of elementary Spanish based on audio-lingual techniques and emphasizing speech through pattern practice. Pronunciation problems will be handled by contrastive analysis and classroom work will be augmented by laboratory work with taped drills of native speakers. Classes meet one hour daily, but students should plan to spend an additional five hours a week in intensive laboratory work. Prerequisite: for Spanish 102, Spanish 101; for Spanish 103, Spanish 102. Twelve hours needed for transfer. 4 (5-5)

201, 202, 203 Intermediate Spanish

Four credits

Three-term sequence emphasizing oral-aural skills as well as reading and writing. Students are expected to converse in Spanish on assigned topics or informally and spontaneously. Laboratory work will be assigned as needed. Prerequisites: for Spanish 201, Spanish 101, 102 and 103; for Spanish 202, Spanish 201, etc. Completion of the elementary and intermediate sequences will fulfill the basic language requirements for liberal arts and associated curricula. 4 (5-0)

Speech

104 Principles of Speech

Three credits

Introductory course in speech. Study and application of basic principles underlying effective oral communication. Student makes seven speeches during the term. Open to freshmen. 3 (3-0)



Language Arts 105 Voice and Articulation

Three credits

The theory and practice of effective voice production and precise diction. Emphasis on understanding the speech organs and their operation and on applying successful techniques to make the best use of the instruments of speech. Weekly sessions devoted to work in speech laboratory. Prerequisite: Speech 104. 3 (3-0)

201 Interpretive Reading

Three credits

Designed to introduce student to techniques of giving meaning to the oral presentation of literature and communication to an audience through the use of specific skills of voice and gesture. Primary attention is given to selection, preparation, and delivery of literary material. Required for speech majors. Open to freshmen. 3 (3-0)

202 Discussion and Debate

Three credits

Examines the dimensions of group speech situations. Range of activities from most informal discussion to formal debate. Of special concern are discussion leadership, kinds of topics, kinds of audiences, and kinds of discussion media. Also includes parliamentary procedure and listening skills. Prerequisite: Speech 104. 3 (3-0)

220 Introduction to Theater Arts

Three credits

Designed to introduce the student to the theater and the theoretical principles of its arts. Includes historical development from arena through proscenium, techniques of acting and directing, and principles of lighting, design, costuming and makeup. Open to freshmen. 3 (3-0)

221 Play Production

Three credits

Designed to acquaint the student with practical problems of producing a play for an audience. Class work is focused on script analysis, acting and directing, stage-craft, and producing the play. Students actually produce their own one-act play under the guidance of a student director, and each student prepares a complete promptbook for the play in which he participates. Prerequisite: Speech 220 or approval of the department. 3 (3-0)

230 Honors Theater Workshop

Four credits

Offered only in the summer at the Ledges Playhouse, Grand Ledge, on principles of theatrical production. Emphasizes practical experience in design and construction of scenery, lighting, costuming, make-up, and business management, using the actual Ledges productions for laboratory projects. Student is required to attend a formal one-hour lecture and work on laboratory projects at least five hours each week of the summer term. Enrollment limited to twelve students. Prerequisites: Speech 220 and written application to the department. 4 (1-5)

Special Courses

298. Language Arts

Credits Variable One-Four

Special seminars or workshops on any area within the disciplines of language, literature, communication, the mass media, speech, theater, and foreign languages. There will be a descriptive subtitle each time the course is offered. The course may be repeated for each new subtitle. Prerequisite: department approval.

NOTE: Students in Speech 220 and Speech 221 are encouraged to participate in productions of the Lansing Civic Players and the Community Circle Players.



Mathematics

Department of Mathematics

Department Chairman: Clarence A. Powers

The College will admit students who have deficiencies in mathematics. One year each of high school algebra and geometry are, however, essential for certain college courses. These deficiencies may be removed in college, but the time spent may require the student to attend an extra term, or more, to complete requirements for graduation. A satisfactory score on the placement test and/or at least average achievement in preparatory courses is prerequisite for all courses.

009 Basic Arithmetic

Four Institutional Credits

Review of fundamental processes with integers, common fractions, decimal fractions and percentage. Includes work with word problems designed to promote good reasoning. Four class hours. 4~(4-0)

011 Beginning Algebra

Five Institutional Credits

Contemporary course in elementary algebra designed to provide necessary review and upgrading of previous preparation in mathematics. Emphasis on language, elementary set theory, the real number system, absolute values, algebraic and graphical solutions of linear and quadratic equations and inequalities. Prerequisite: proficiency in basic arithmetic and previous work in elementary algebra. Five class hours. 5 (5-0)

012 Beginning Algebra Laboratory

Five Institutional Credits

Elementary algebra using contemporary programmed materials, and designed to meet college entrance requirements. Recommended for students with no previous work in algebra. Each student progresses at his own rate and completes course on an individual basis. May re-register for second term if needed. Prerequisite: proficiency in basic arithmetic. Five class hours. 5 (5-0)

013 Geometry

Five Institutional Credits

Elementary course in plane geometry with some of the concepts also related to three-dimensional figures. Included are nature of proof and mensuration principles and formulas. Prerequisite: one unit of high school algebra or Mathematics 011 or 012. Five class hours. 5 (5-0)

102 Intermediate Algebra

Five credits

Deals with topics normally considered in second year high school algebra. Includes the real number system, solution of equations, functions and graphs and the complex number system. Prerequisite: one entrance unit each in high school algebra and plane geometry or Mathematics 011 or 012 and Mathematics 013. 5 (5-0)

158 Descriptive Statistics

Five credits

Designed for technicians and data-processing majors or as an introductory course for Mathematics 160. Topics include a review of essential mathematical concepts such as absolute values, inequalities, elementary set theory, factorials and combinations; emphasis on terminology; frequency, probability, and normal distributions; measures of spread and location; quality control and sampling. Prerequisite: Mathematics 151 and 152 or Mathematics 102. 5 (5-0)





Mathematics 160 Statistics

Five credits

To acquaint the student with the theory of probability applications to statistical theory. Student will gain an understanding of the kinds of regularity that exist among random fluctuations. Experience in associating and using mathematical models to interpret physical phenomenon and predict, with reasonable certainty, the outcomes of experiments related to practical business problems. Practical experiences in the statistical solution to business problems through the use of computers. Methods of organizing and presenting data with intelligent interpretations of statistics are emphasized. Prerequisite: Mathematics 165; Mathematics 158 recommended. 5 (5-0)

164 College Algebra and Trigonometry I

Five credits

Appreciation of algebra as a logical subject. Topics include: the real number system, the function concept with trigonometric, logarithmic and algebraic functions, each considered in detail. Other topics are: polynomials, the complex numbers, matrices and determinants and mathematical induction. Prerequisite: Mathematics 102 or equivalent. 5 (5-0)

165 College Algebra and Trigonometry II

Five credits

Continuation of Mathematics 164. Prerequisite: Mathematics 164. 5 (5-0)

180 College Algebra and Trigonometry

Five credits

Replaces Mathematics 164 and Mathematics 165 for the student who needs only one term of preparation for the study of calculus. Topics include: sets and equations, matrices, vectors, inequalities, functions and relations, elementary theory of equations, trigonometric equations and identities, polar coordinates, mathematical induction, and straight line analytic geometry. Prerequisites: 2 years of high school algebra, 1 year of high school geometry, and 1/2 year of high school trigonometry. 5 (5-0)

200 Arithmetical Foundations Formerly 200A

Five credits

Required for elementary pre-teachers. Course includes concepts of the "New Math" now being introduced in elementary grades including set theory, algebra, geometry, computation in bases other than ten, and some elementary work in number theory. Also includes review of all basic skills in arithmetic and emphasis on the meaning of the process used, and new format for some of the fundamental processes. Prerequisite: proficiency in basic arithmetic as evidenced by results of an arithmetic skill test. One year of algebra and one year of geometry in high school also desirable. 5 (5-0)

201 Algebra for Teachers Formerly 200B

Five credits

For elementary pre-teachers. Includes basic understanding of the properties of the real number system, elementary set theory, the fundamental processes with polynomials and algebraic fractions, solving linear and quadratic equations and systems of equations, also graphs of equations and inequalities. Emphasis on understanding of all concepts and processes. Prerequisite: Mathematics 200. 5 (5-0)

202 Geometry for Teachers Formerly 200C

Five credits

For elementary pre-teachers. Includes the fundamental concepts of two and three dimensional geometric figures with emphasis on proof. Prerequisite: Mathematics 201. 5 (5-0)



213 Analytic Geometry and Calculus I

Five credits

Mathematics

The sequence 213, 214, 215, 216 is an integrated course in calculus, analytic geometry and differential equations covering derivatives, curve sketching, definite and indefinite integrals, area, volume, transcendental functions, vector analysis, solid geometry, partial differentiation, multiple integrals, infinite series, power series, and differential equations. Prerequisite: Mathematics 165 or Mathematics 180. 5 (5-0)

214 Analytic Geometry and Calculus II

Five credits

Continuation of Mathematics 213. Prerequisite: Mathematics 213. 5 (5-0)

215 Analytic Geometry and Calculus III

Five credits

Continuation of Mathematics 214. Prerequisite: Mathematics 214. 5 (5-0)

216 Analytic Geometry and Calculus IV

Five credits

Continuation of Mathematics 215. Prerequisite: Mathematics 215. 5 (5-0)

234 Theory of Matrices

Four credits

Algebra of matrices, rank, inverses, determinants, vector spaces, linear transformations, characteristic values and functions of a matrix. Prerequisite: Mathematics 214. 4 (4-0)



Humanities Department of Science

Department Chairman: David L. Shull



Dr. Shull

Astronomy

201 Astronomy

Four credits

Designed to acquaint the student with the physical universe, using the descriptive rather than the mathematical approach. A study of the solar system, stellar systems, cosmology, and methods employed by astronomers in gathering information. Lecture, laboratory and planetarium. Prerequisite: Natural Science 102 and 103, or permission of instructor. 4 (2-4)

Biological Science

100 Microbiology

Three credits

A non-transfer, introductory course emphasizing bacteriology, with some virology. This course gives the student knowledge of what microbes are, what they do, where they are found, what they need for life, how they are controlled and how they are passed from one environment to another. One two-hour laboratory per week allows the student to work with microbes performing exercises designed to teach skills in sterile technique, microscopy, isolation of pure cultures, straining and sterilization. 3 (2-2)

107 General Biology

Four credits

First of a three-term sequence devoted to fundamental principles and processes in biology. Presents a general overview of the subject and serves as a hackground for advanced courses. The following topics are considered: basic chemistry of living matter, origin of life, study of cells, tissues, organs and organ systems, cell division and genetics, evolution and adaptation, metabolism and physiology, anatomy and locomotion, interaction between organisms and their environment, and and taxonomy of the plant and animal kingdoms. 4 (2-4)

108 General Biology

Four credits

Continuation of Biology 107 with primary consideration of the animal kingdom. Prerequisite: Biology 107 or consent of department. 4 (2-4)

109 General Biology

Four credits

Continuation of Biology 108 with primary consideration of the plant kingdom. Prerequisite: Biology 108 or consent of department. 4 (2-4)

201 Anatomy and Physiology I

Four credits

Part I of a two-term course devoted to the study of the machinery of the human body. Meets the needs of students taking further work in biology or related applied fields such as nursing and mortuary science. Emphasis will be placed on the anatomy and physiology of the skeletal, muscular, nervous, and sensory systems. 4 (2-4)

202 Anatomy and Physiology II

Four credits

Continuation of Anatomy 201. Emphasis on the study of the circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems. Prerequisite: Anatomy 201 or approval of department. 4 (2-4)



203 Microbiology

Four credits

Science

Introduction to basic bacteriology, with emphasis on the most important communicable disease agents. A study of yeasts, fungi, and protozoa of medical importance, and immunology also of culture media, isolation of pure culture, identification of unknown bacteria, staining methods, practical sterilization, and the collection and handling of specimens. 4 (2-4)

201 Zoology I

Four credits

First of two courses designed to survey the field of zoology and serve as a foundation for advanced courses. Includes a study of the cell and protoplasm, unicellular organisms, and the animal groups in order of advancing complexity. 4 (2-4)

202 Zoology II

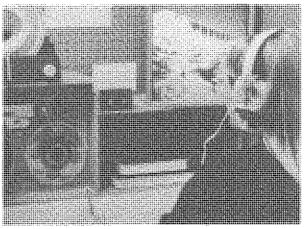
Four credits

Continuation of Zoology 201. Deals principally with echinoderms and chordates with emphasis on vertebrate animals. Includes principles of anatomy, physiology, taxonomy, ecology and evolution. 4 (2-4)

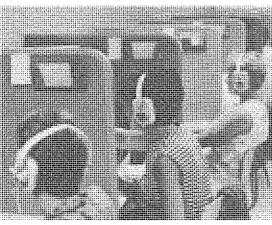
203 Botany

Four credits

A basic morphological study of the plant kingdom. Structure and life cycles of representative plant groups showing progressive evolutionary developments. 4 (2-4)









Science Chemistry

010 Basic Chemistry

Four institutional credits

A fundamental chemistry course. Designed specifically for those students deciding on a program of study which will require chemistry at the freshman level or above but without previous experience in chemistry. The course also serves as a review or to strengthen the student's background of experience so that he can then enter a College Chemistry series of courses with a feeling of self-confidence and academic readiness. No prerequisite. 4 (0-5)

The Chemistry 101 series is designed to meet the needs of many curriculums requiring an understanding of basic chemistry. The program is not designed for chemistry majors or for students wishing to pursue a curriculum requiring more than twelve term bours of chemistry. The series should serve to fulfill general education requirements for students following a Liberal Arts and Sciences curriculum.

101 An Introduction to Inorganic Chemistry I

Four credits

Presents basic inorganic chemical principles and theories. Deals with the nature of atoms, molecules, chemical change, stoichiometry and the solid, liquid, gaseous states of matter. Student applies the basic laws of inorganic chemistry to problem solving situations. Assumes no previous course in chemistry. A good understanding of algebra is necessary, and an understanding of geometry is desirable. Three hours lecture, three hours laboratory. 4 (3-3)

102 An Introduction to Inorganic Chemistry II

Four credits

Continuation of 101. Student is also introduced to chemical kinetics and chemical thermodynamics. Opportunity is provided for investigation of chemical phenomena after developing a more thorough understanding of inorganic chemical principles. Emphasis placed on chemical equilibrium, ionic equilibrium and electrochemistry. Prerequisite: Chemistry 101 or approval of department. 4 (3-3)

103 Introduction to Organic Chemistry

Four credits

Survey of basic organic principles, Develops student's understanding of homologous series and understanding of appropriate terminology. Relates basic organic concepts to the process of life and industry. Prerequisite: Chemistry 102 or approval of department. 4 (3-3)

110 Industrial Chemistry (Inorganic)

Four credits

A basic course in general chemistry designed for the technician. Topics include atomic and molecular theory, bonding, and properties of the elements. Also discussed are oxidation-reduction reactions, kinetic-molecular theory, phase diagrams, solutions and electrochemistry. Open only to technology students. 4 (3-3)

111 General Chemistry (Inorganic)

Five credits

First of series of three courses designed to give comprehensive introduction to general college chemistry for those students who plan to enter the fields of engineering or the physical sciences. Covers atomic and molecular structure, the periodic classification of the elements, the kinds and states of matter, the laws of gases and solutions, the descriptive chemistry of Groups I, II, VI, VII of the elements, and the noble gases. 5 (3-6)

112 General Chemistry (Inorganic)

Five credits

Continuation of Chemistry 111. Includes study of oxidation-reduction, hydrolysis, chemical equilibrium, nuclear chemistry, the descriptive chemistry of Groups III, IV, V of the elements, and the two series of the Rare Earths. Prerequisite: Chemistry 111 or approval of the department. 5 (3-6)



113 Qualitative Analysis

Five credits

Science

Continuation of the general principles of chemistry introduced in Chemistry 111 and 112, with emphasis on the systematic separation and identification of the principal cations and anions, the application of the principles of the ionization theory of mass action, and chemical equilibrium and the laws of solubility to qualitative analysis. Prerequisite: Chemistry 111 and 112 or approval of the department. 5 (3-6)

200 An Introduction to Biochemistry

Four credits

For the student who needs to understand organic principles as they apply to life processes. Deals with enzymes, amino acids, nucleic acids, blood and urine chemistry. Emphasizes other physiological and pathological applications. Prerequisite: Chemistry 103, or approval of department. 5 (3-3)

201 Organic Chemistry I

Five credits

First of two courses that constitute an introduction to the chemistry of the carbon compounds and cover the fundamental principles and reactions of organic chemistry. Covers the alipathic hydrocarbons and their derivatives, the simple alcohols, ethers, aldehydes, ketones, acids, esters, carbohydrates, and organic nitrogen compounds. Prerequisite: Chemistry 111 and 112 or approval of department. 5 (2-6)

202 Organic Chemistry II

Five credits

Continuation of Chemistry 201. Takes up the heterocyclic and aromatic hydrocarbons and their derivatives and the kinetics of organic chemical reactions. Prerequisite: Chemistry 201, or approval of department. 5 (2-6)

203 Organic Chemistry III

Five credits

Continuation of Chemistry 202. 5 (2-6)

221 Quantitative Analysis

Five credits

Laboratory course designed to give the student manipulative ability, a thorough knowledge of the chemical and stoichiometric principles involved in analytical procedures of volumetric and gravimetric analysis. Prerequisite: Chemistry 111 through 113. 5 (2-6)

Science Foundation Courses for Teachers

210 Foundations of Conservation

Four credits

Study of natural resources and the principles of utilization through management and conservation. Topics include history of conservation, ecology, soils, minerals, water, forests, wild life, human populations and man's effect on the natural resources of the earth. The laboratory consists of two parts (1) field investigations (2) conservation majors, education majors and others are guided in a second laboratory session according to their specific interests or declared vocations. 4 (2-4)

211 Foundations of Physical Science

Four credits

Primarily for students seeking an elementary education certificate. The course will survey the theoretical as well as the practical aspects of physics, inorganic and organic chemistry, earth and space science. Lecture and laboratory. Prerequisite: Sophomore status and Natural Science 102 or equivalent college chemistry and physics. 4 (2-4)

212 Foundations of Biological Science

Four credits

Primarily for students seeking an elementary education certificate. Emphasis on modern biology. Student will study such fundamental processes as photosynthesis, energy transfer, nutrition, metabolism, and heredity. Laboratory activities involve



Science

the students directly with natural phenomena, their relationships, and application of principles studied. Lecture and laboratory. Prerequisite: Sophomore status and Natural Science 101 or equivalent college biology. Foundations of Physical Science recommended but not required. 4 (2-4)

Geology

210 Physical Geology

Four credits

Minerals and rocks of the earth's crust; constructive and destructive forces including volcanism, erosion by water, ice, gravity, wind and waves; mountain building; rock deformation; concepts of the earth's structure, origin and age; history of geology and geologic history; physiographic areas of the United States. Laboratory will consist of field investigations to nearby areas as well as a one-weekend extended field trip. Prerequisite: Natural Science 102 and 103 or permission of Instructor. 4 (2-4)

211 Historical Geology

Four credits

Historical development of the earth from its inception to the present including changes in elevation, size and shape of the continents. Mountain building, marine inundation, formation of mineral deposits and fuels, and the evolution of plant and animal life throughout geologic time. The development of the North American Continent will be emphasized. Prerequisite: N.S. 103 or approval of the department. 4 (3-3)

Natural Science

The three-course sequence in Natural Science is designed to give the student a basic understanding of some of the scientific principles related to hoth animate and inanimate objects. The Audio-Visual-Tutorial presentation employs a variety of media as an aid to understanding both the empirical and conceptual aspects of Science. The courses are designed to foster initiative and self-reliance on the part of the student. THE COURSES MAY BE TAKEN IN ANY ORDER.

101 Natural Science (Botany-Zoology)

Four credits

The student acquires an understanding of living organisms and their interrelation with the non-living world. Form, function and principles are emphasized. In addition to the study of the plant and animal kingdom, common aspects of each, such as the modern concept of the cell and the gene theory, are studied. No pre-requisite. 4 (2-4)

102 Natural Science (Chemistry-Physics)

Four credits

Introduces the fundamental laws, theories, and principles of Chemistry and Physics. Includes such topics as kinetic, atomic and molecular theory, the periodic system, the laws of chemical combinations and the gas laws. Some modern applications of electronics, mechanics, heat, sound and light will be studied. No prerequisite. One year of high school algebra or Mathematics 011 is recommended. 4 (2-4)

103 Natural Science (Astronomy-Geology)

Four credits

Topics include rocks and minerals, geological processes, formations, earth history past and present, the solar system, and the universe. No prerequisite. 4 (2-4)

Meteorology

212 Introduction to Meteorology

Four credits

Introductory study and observations of the atmosphere designed to acquaint the student with the elements of weather, their interrelationships, meteorological instruments and weather maps. General and specific weather phenomena and the



Science

climatology of the United States will be considered. Prerequisite: N.S. 102 or approval of the Department. 3 (3-6)

Physics

201 Physics (Mechanics and Heat)

Four credits

First of series of three courses designed to give the student an understanding of the fundamental principles of physics. Considers the principles of mechanics (the laws of motion and equilibrium and their relation to work, energy and power), as they are applied to solids and fluids. Also includes the principles of heat and thermodynamics and their relationship to the operation of engines. Prerequisite: Trigonometry or approval of department. 4 (2-4)

202 Physics (Electricity, Magnetism and Wave Motion)

Four credits

Designed to explain the electrical nature of matter and to investigate its electrostatic and electromagnetic properties. Considers also the properties of waves and their application to sound. Engineering applications are emphasized. Prerequisite: Physics 201 or approval of department. 4 (2-4)

203 Physics (Optics and Modern Physics)

Four credits

A course in modern physics designed to present such topics as optics, atomic structure, solid state and nuclear reactions. Prerequisite: Physics 202 or approval of department. 4 (2-4)

211 Physics (Mechanics and Heat)

Four credits

Designed to teach the static and dynamic behavior of solids and fluids, using calculus to derive relationships. The first of a series of three courses designed for science and engineering majors. Prerequisite: Calculus I or its equivalent, or approval of department. 4 (2-4)

212 Physics (Electricity, Magnetism, and Sound)

Four credits

Designed to teach the basic principles of electricity and sound. Similar to 202 but uses Calculus extensively. Prerequisite: Physics 211, or approval of department. 4 (2-4)

213 Physics (Optics and Modern Physics)

Four credits

Principles of geometric and physical optics as well as recent developments in modern physics such as atomic and nuclear phenomena, relatively, solid state physics, and quantum physics phenomena. Prerequisite: Physics 212, or approval of department. 4 (2-4)

SEMINARS IN SCIENCE

298 Seminars in Special Subjects in Science

Variable credit

Special seminars are developed from many areas within the disciplines of Biology, Astronomy, Anatomy, Physiology, Heredity, Ecology, Chemistry, Physics, and the other Natural Sciences. There will be a published descriptive sub-title each time a seminar is offered. Prerequisite: Department Approval. (Variable)

299 Independent Study in Science Subjects

Variable credit

Special studies, research projects or individual readings. Prerequisite: Arrangement with an individual instructor and approval of the department chairman. A detailed plan for the study will be submitted prior to approval. (Variable)



Social Science

Department of Social Science

Department Chairman: William Heater

Basic Social Science



Dr. Heater

This three-term sequence of courses introduces the student to the social sciences and forms an integral part of the general education program. The structure and content require that the courses be taken in sequence. Students in curriculums that permit only two courses in social science should take Social Science 101 and 104. Social Science 103 or 104 satisfy the State of Michigan requirement for a course in government.

Sociology

Four credits

Survey of major concepts and methods of sociology and anthropology. Emphasis is given to selective aspects of culture, socialization, social stratification, associations, primary groups, collective behavior, population-ecology, and cultural history. No prerequisite. 4 (4-0)

Economics

Four credits

Deals with the economic institutions in their social context. The genesis and development of capitalism are covered, as well as comparisons with other major economic systems. Last portion of the course deals with the principle issues in economic development, Prerequisite: Social Science 101, 4 (4-0)

103 Political Science

Four credits

Deals with political behavior and institutions in their social context. Comparative approach is used to provide an understanding of modern political systems. Problems of democracy are examined from several perspectives, with special attention given to the implications of political sociology. Prerequisite: Social Science 102. 4 (4-0)

104 American Government

Four credits

An analysis of the American political system, Emphasizes Federal and State systems, with special attention given to American democracy from local to national levels. No prerequisite. 4 (4-0)

112, 113 Basic Social Science Honors Section

Four credits

Schedule for winter and spring terms of each year will include one section of Basic Social Science to be conducted as an honors course. Material will be comparable to that of the standard sections but will be taught at an advanced level and in seminar fashion. Outstanding students will be enrolled by invitation and will be notified of their eligibility in advance of registration. 4 (4-0)

Education

Introduction to Education

Three credits

A review and analysis of the profession of teaching as a career field, an overview of the philosophy of education and its consequences for a democratic society, and an examination of current issues and future trends in education. No prerequisite. 3 (3-0)

Geography

Elements of Geography

Specific geographic principles course which emphasizes the physical forces on a world wide basis. Offers an extensive study and analysis of the physical forces (biotic resources, landforms, maps. water resources, weather and climate, soils, minerals, natural resources, etc.) which affect human life on earth. No prerequisite. **76** 3 (3-0)



201 World Regional Geography

Four credits

Social Science

Describes and analyzes human and natural resources of countries and cultures of the world with major emphasis on their distribution over the surface of the earth. No prerequisite. 4 (4-0)

202 Geography of North America

Three credits

A study of the human and physical resources of North America, Central America, and the Panama Canal Zone. Focus on distinct characteristics of the various regions. No prerequisite. 3 (3-0)

203 Economic Geography

Three credits

Study of geographic distribution and production of agricultural commodities, raw materials for industry, and the localization of industries throughout the world. Some emphasis placed on trade of raw materials and finished products among nations. *No prerequisite.* 3 (3-0)

Political Science

200 Introduction to Political Behavior

Four credits

Introduction to theories, concepts and methods of political science with emphasis on the functions of political institutions and behavior of political actors. Prerequisite: Social Science 101. 4 (4-0)

210 Contemporary Political Affairs

Three credits

Analysis of current domestic and international political problems utilizing theoretical background and current reading to understand the ideologies, forces and interests shaping today's politics. Prerequisite: Social Science 103. 3 (3-0)

260 Introduction to Comparative Government

Three credits

Introduction to the political institutions of modern government, with emphasis given to the institutions of the United Kingdom, France, Germany, and the USSR. Dynamics of political behavior in these and other societies will be included. Also special problems of the newly emerging nations. Prerequisite: Social Science 103. 3 (3-0)

271 International Relations

Three credits

Course in contemporary relations, with emphasis upon politics. Concepts and theories, and rudimentary methods, are surveyed. Relationships between international politics, foreign policy, and domestic policy in the U. S. explored. Prerequisite: Social Science 103. 3 (3-0)

Psychology

101-102 Psychology for Practical Nurses

Two credits

A course designed to introduce the student to the principles of emotional development. Endeavors to prepare the student to understand human behavior and to deal with patient's behavior effectively. Prerequisite: enrollment in Practical Nursing curriculum. 2 (2-0)

151 Psychology of Personal Adjustment

Three credits

Psychological principles applied to personal and social relations. Designed for students who desire a practical understanding of psychology but do not intend to enroll for advanced courses in the field. (Not eligible for credit after taking Psychology 202.) No prerequisite. 3 (3-0)



Social Science

152 Applied Psychology

Three credits

Psychological principles applied to production, distribution and use of goods and services. Psychology as it relates to personnel, management, human relations on the job, work setting, marketing and law enforcement. Designed for students desiring practical understanding of psychological principles who do not intend to enroll for advanced courses in the field. (Not eligible for credit after taking Psychology 150). No prerequisite. 3 (3-0)

201 Introduction to Psychology

Four credits

Designed to give the student a general understanding of the science of psychology and its methods. Intelligence, motivation, emotion, perception, learning and group processes are discussed. An Audio-Visual-Tutorial presentation utilizing a variety of media is provided as an aid in developing experiences and concepts in psychology. No prerequisite. 4 (2-2½)

202 Psychology of Personality

Three credits

Discussion of concepts of adjustment, conflict, mental hygiene and behavior modification. Survey of leading theories of personality development and their applications. Prerequisite: Psychology 201. 3 (3-0)

203 Introduction to Social Psychology

Three credits

Designed to give the student an understanding of the influence of social interaction upon the development of personality. Interaction between the individual and society is stressed. Prerequisite: Psychology 201. 3 (3-0)

204 Educational Psychology

Three credits

An investigation of the contribution of psychology to education. It is concerned with child growth and development, learning, measurement, and group dynamics in the classroom. Observation of a classroom situation in the student's major field of interest is required. Prerequisite: Psychology 201. 3 (3-0)

205 Human Growth and Development

Three credits

Study of human growth and development from conception to senescence. Individual psychological development from birth through young adulthood stressed, with emphasis on biological and sociological factors. Prerequisite: Psychology 201. 3 (3-0)

Sociology and Anthropology

200 Principles of Sociology

Four credits

Introductory analysis and description of the structure of human society, with emphasis on social norms, groups, social stratification and institutions as they are analyzed by modern sociological methodology. Prerequisite: Social Science 101. 4 (4-0)

220 Juvenile Delinquency and Youth Behavior

Three credits

Early attention will be given to the problems of defining juvenile delinquency and a survey of its present status in major industrial nations. Major concentration on theories which attempt to account for juvenile delinquency and evidence supporting such theories. Concludes with brief consideration of control and correction. Prerequisite: Social Science 101. 3 (3-0)

254 Marriage and the Family

Three credits

A cross-cultural survey of patterns of family organization, courtship, kinship, and sexual behavior. Special attention to an analysis of these behavior patterns in the United States. Prerequisite: Social Science 101 and Psychology 201. 3 (3-0)



255 Contemporary Social Problems

Three credits

Social Science

Consideration of current social problems from a framework of sociological theory with special regard for current hypotheses and recent empirical studies relevant to particular problems, i.e., family stability, racism, urbanism, etc. Prerequisite: Social Science 103. 3 (3-0)

270 Introduction to Cultural Anthropology

Three credits

Fields, methods, and findings of the science of man. Primary attention given to literature of culture with special emphasis on ethnology, cross-cultural studies. Historical development of anthropological theory and methodology will be surveyed. Prerequisite: Social Science 101. 3 (3-0)

275 Introduction to Physical Anthropology and Archaeology

Three credits

Review of the biological and cultural evolution of man with emphasis on human paleontology, ethnology, cultural ecology, genetics, prehistory and the development of civilization. Prerequisite: SS 101. 3 (3-0)

Special Social Science

SS 298 Seminar in Special Subjects

Credits Variable

Special seminars drawn from any area within the disciplines of anthropology, economics, education, geography, political science, psychology, or sociology. There will be a descriptive sub-title each time the course is offered. The course may be repeated with additional credit for each new sub-title. Prerequisite: As determined by each individual offering (Credits Variable from 1 to 6).

SA 299 Independent Study

Credits Variable

Special research project and/or individual readings. Prerequisite: Permission of faculty member and departmental chairman. (Credits variable from 1 to 4).

Physical Education

Physical Education

The Physical Education 100 series of classes is designed to provide an understanding of human physiology and psychology as it relates to exercise and relaxation. Physical fitness for adult members of society is maintained through conditioning. The program offers students an opportunity to establish exercise habits that can be continued through life with a limited amount of equipment and facilities. The instruction in the several activities is offered as an elective feature of the program. Co-educational lectures and activity sessions, designated as P.E. 110, award two of the three credits usually required. The student may select any other activity another term for the remaining one credit.



Janos Nevai

The Physical Education 200 series of classes provides an opportunity for students to continue their study of Health, Physical Education and Recreation by means of library research, special lectures, movies and selected physical activities. These classes are open to students who have completed three credits in the 100 series. Students enrolled in the 200 series are required to participate in an elected activity (100 series) concurrently.

Students not desiring credit but interested in the Physical Education activities offered, should register as auditors.

MEN'S PHYSICAL EDUCATION

110 Physical Education

Two credits

Introduction to nervous, muscular and circulatory systems, heart diseases and heart research as they relate to regular exercise, health and physical education.



Physical Education

Other topics include nutrition and metabolism with emphasis on weight control. Regularly scheduled conditioning and activities are also a part of this course. 2 (1-2)

Men's Activity Sessions

One credit

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PE 150	Conditioning & Weight Training	PE 157	Conditioning & Indoor Sports
PE 151	Conditioning & Basketball	PE 158	Conditioning & Outdoor Sports
PE 152	Conditioning & Beginning	PE 159	General Conditioning
	Swimming	PE 160	Conditioning & Touch Football
	Conditioning & Swimming	PE 161	Conditioning & Self Defense
PE 154	Conditioning & Soccer	PE 162	Conditioning & Beginning
PE 155	Hunting		Tennis
PE 156	Social & Square Dancing	PE 163	Conditioning & Advanced Tennis

201, 202, 203 Physical Education

One credit

Open for students who have completed three credits of the 100 series of courses. Limited reading of selected topics. Physical fitness instruction and two individual conditioning activities weekly. 1 (1-2)

221, 222, 223 Physical Education

One credit

Special projects involving experiments or reading in selected area. Hours and projects arranged. 1 (1-2)

WOMEN'S PHYSICAL EDUCATION

III Physical Education

Two credits

Introduction to nervous, muscular and circulatory systems, heart diseases and heart research as they relate to regular exercise, health and physical education. Other topics include nutrition and metabolism with emphasis on weight control. Regularly scheduled conditioning and activities are also a part of this course. 2 (1-2)

Women's Activity Sessions

PE 120	Conditioning & Gymnastics	PE 127	Conditioning & Beginning
PE 121	Conditioning & Ball Games		Tennis
PE 122	Conditioning & Badminton	PE 128	Conditioning & Advanced Tennis
PE 123	Conditioning & Beginning		Social & Square Dancing
	Swimming	PE 130	Conditioning & Indoor Sports
PE 124	Conditioning & Swimming		Conditioning & Outdoor Sports
PE 125	Conditioning & Sports		Conditioning & Self Defense
PE 126	Conditioning & Volleyhall		

201, 202, 203, and 204

One credit

Open for students who have completed three credits of the 100 series of courses. Limited reading on selected topics. Physical fitness instruction and two individual conditioning activities weekly. 1 (1-2)

221, 222, 223, and 224

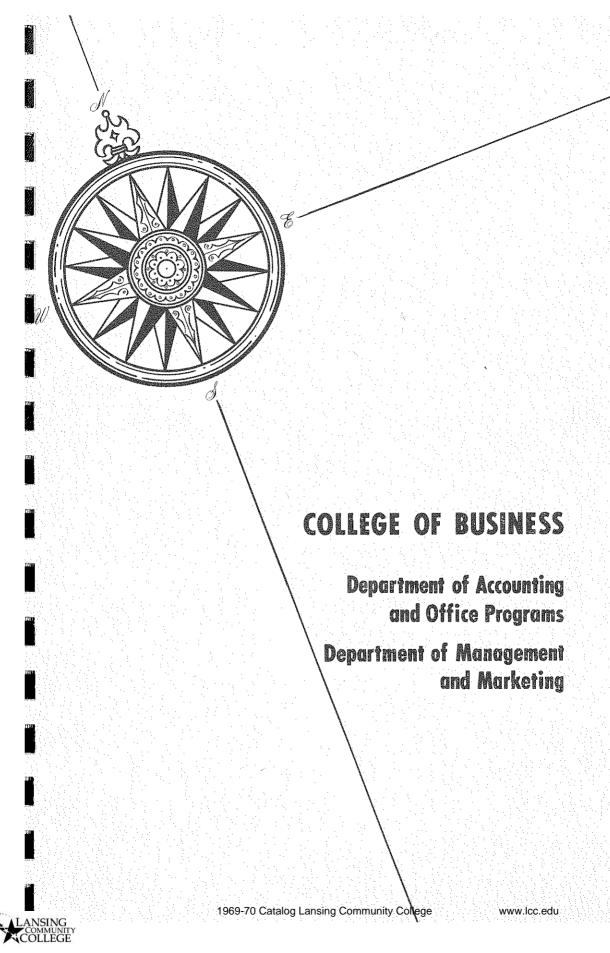
One credit

Special projects involving experiments or reading in selected area. Hours and projects arranged. 1 (1-2)

COEDUCATIONAL ACTIVITY SESSIONS One credit

	PE 180	Conditioning & Skiing	PE 186	General Conditioning
	PE 181	Bowling	PE 187	Conditioning & Fencing
	PE 182	Conditioning & Beginning Tennis	PE 189	Conditioning & Indoor Sports
	PE 183	Conditioning & Advanced Tennis	PE 190	Conditioning & Outdoor Sports
	PE 184	Conditioning & Self Defense	PE 191	Trap & Skeet
80	PE 185	Conditioning & Winter Sports		







George Hopkins

College of Business

Dean: George Hopkins

Foreword

An Associate Degree in Business is granted to students who successfully complete a specified two-year program. This degree may be earned by students who wish to transfer to a four-year institution and by students who intend to enter an occupation at the end of the two years. A minimum of ninety credit hours is required for an Associate Degree.

The Curriculums offered by the Business College are designed to develop occupational competencies at the skilled or semi-professional levels. The job openings for this level of training represent the fastest growing area of employment in our economy.

Qualified students, interested in gaining new skills and acquiring greater proficiency, may consult with an advisor to select courses that will be equivalent to tbree terms, or one year, resulting in:

- I. A certificate of training.
- II. Greater potential skill for the initial job.
- III. Increased desire for continued learning.

One-year programs are designed for initial job placement, rather than for transfer to four-year institutions.

Internship and Community Service Programs are offered by this Division to relate to present job requirements and anticipated business changes. Special programs are developed for in-service training for personnel in the various areas of business.



Community Services Business

One of the most important functions of your Community College is that of service to local business, industry, and government.

Where sufficient interest is shown, every effort will be made to offer instruction which will permit an employee to improve, upgrade, or retrain himself through classroom work. This instruction may be pertinent to the employee's present job requirements or to anticipated advancements. The spectrum of courses offered ranges from those of fundamental content to those requiring considerable preparation and background.

Changes have occurred with increasing incidence during the last few years that require better educated personnel, and there is every indication that the rate of change will increase. The College, in cooperation with business, industry, and government in the Lansing area, has scheduled courses for employees who want to improve their understanding of the more important aspects of their occupation and their employer's business. The College stands ready to develop, for specific requirements, programs ranging from single session meetings to those requiring oumerous hours for completion.

Cooperative Internship

Lansing Community College

Internship is an on-the-job work experience program carefully coordinated and integrated with a seminar and departmental offerings. The student spends part of his time working in business or industry to gain actual experience in a vocational field of his choice. With business and industry serving as a laboratory staffed with highly competent supervisors cooperating with the College and its coordinator, an individual curriculum may be developed for any type of position that students, business, government, or industry request.

Placement for this training is made through the Internship Coordinator who makes special arrangements for each student based upon that student's special interests and aptitudes. The student will receive course credit (three hours per term) and a wage for his time spent at work. (Student must average fifteen or more work hours per week.)

Advantages of internship include the development of occupational competency of the skilled or semi-professional level leading to jobs which represent the most rapid growth area of employment in our economy. The combination of theory and actual practice has proven to increase motivation of students, and provides excellent training in human relations. Internship contributes to professional and personal development by providing a basis for decisions in choosing a career, by forcing a realization of personal responsibility for a job well done, and by developing maturity. A broader and more meaningful appreciation of the practical application of his total academic endeavors is also gained by the student. The intern student also earns both college credit and wages comparable with other workers in like positions.

To qualify for job placement, students must be able to secure departmental approval through the coordinator and have completed the necessary basic courses for job entry. The areas of employment are wide and varied, offering challenging opportunities to those students with initiative, imagination, and skill.



Business

Placement

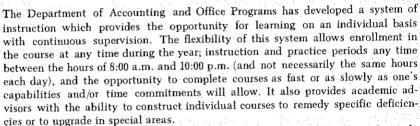
Lansing Community College operates a free placement service for all students and alumni desiring full-time, part-time, or summer employment. Although employment cannot be guaranteed, each is afforded the opportunity to meet or to contact prospective employers. Active communication is maintained between the college and hundreds of employing officials. A file is available from each employer giving job descriptions and other vocational information to aid candidates in selecting interviews. Vocational counseling, aids to preparing proper resumes, correspondence checklists, interview checklists and other assistance to job candidates are available at the Placement Office. Students desiring employment are invited to register with the Placement Office and should maintain an active file of their credentials.

Accounting and Office Programs

Department of Accounting and Office Programs

Department Chairman: Ronald Edwards

Audio-Visual-Tutorial Instruction



This system, called Audio-Visual-Tutorial, was designed to replace the traditional classroom situation by programming instruction and demonstrations on audio-visual media such as films, slides, and tapes. These individual learning units are made available to students in carrels, and practice work is completed within the same area. Courses include the same instruction as their classroom-type predecessors and are indicated in the Course Description section by the letters A.V.T. following the course name.

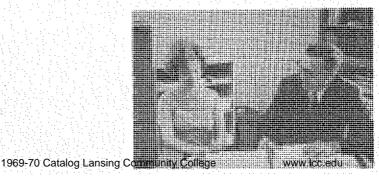


Ronald Edwards

Accounting

One-Year Certificate Program

The Accounting Curriculum is designed to serve students preparing for preprofessional levels of employment from Account Clerk to Account Executives, General Sales Clerks to Retail Managers; Record keepers, Cashiers, and Bookkeepers to Chief Clerks, and Data Processing occupations from Coder to Computer Programmer Trainee. The first two terms of course work covers the need for record keeping and other entrance occupations. The first year of course work covers the need for more complex record keeping occupations and achieves the entrance level for general bookkeepers.





	Fall Term			Spring Term	
Course Number		Credit Hours	Course Number	Course Title	Credit Hours
	Business Mathematics Introduction to Business		BUS 212	Principles of Accounting III Applied Business Law	4
BUS: 210	Principles of Accounting I Psychology of Human Relations	. 4	BUS. 108	Business Machines II	3
	1 Symbology of Fullian Relations .	15	EC 101	Applied Economics Elective	
	Winter Term		Recommen	ded Electives	16
	Business Machines I (AVT°) Principles of Accounting II		SS 101	Sociology	
	Survey of Data Processing Intermediate Typing (AVT*) or	医神经节毒素	BUS 220	Office Management I	
ENG 100	or 101 Communications			Business Correspondence Introduction to Marketing	
		16			

Accounting

Two-Year Associate Degree Program

The two-year accounting program is designed to meet the needs of modern business and industry for accounting and financial information. It is based on postulates that accounting is the language of business as well as the measurement and communication of financial data to those who will use that data, not only for its informational value, but also as a basis of decision and action. The curriculum will help the student to develop habits of critical, logical thinking while he is learning to record, report and interpret economic data.

Completion of the two-year program will provide the student with sufficient skill and knowledge to meet entrance requirements of business and to progress rapidly through the many sub-professional levels of accounting.

Fresh Year	man	Fall Term	Credit Hours	Sopho Year	ennre	Fall Term	Credit Hours
DP BUS BUS BUS	118 117 210	Survey of Data Processing. Introduction to Business Business Mathematics Principles of Accounting I. Elective Winter Term	3 4 3	BUS BUS BUS BUS BUS BUS	215 201 240 257	Principles of Economics I Accounting Internship, or	14-15 4
BUS ENG BUS	107 101	Computer Programming I Business Machines I (AVTe) Composition I Principles of Accounting II Spring Term	3	EC BUS BUS	202. 241.	Principles of Economies II Accounting Internship, or Cost Accounting I Spring Term	4
BUS BUS PSY	212	Intermediate Typewriting Principles of Accounting III	. 4	BUS BUS BUS BUS	252 242	American Government Intermediate Accounting III Elective Accounting Internship, or Cost Accounting II	4
Recom	men	ded Electives:	15	B03	234	Out the comming to	15-16

^{*}Audio-Visual-Tutorial Instruction, see page 84.



Accounting and Office Programs

^{**}Strongly recommended for those students who anticipate transfer to a four-year college.

Accounting and Office Programs

Court and Conference Reporting

Two-Year Associate Degree Program

The two-year Court and Conference Reporting curriculum, which includes the summer between the two regular school years, is an associate degree program designed to prepare students for the many interesting positions open to shorthand reporters. Some of the occupations for which graduates will be qualified are court reporters, conference reporters, hearing reporters, legislative reporters and general free-lance reporters. The program teaches machine shorthand and develops the skill necessary for verbatim reporting. In addition, it teaches the legal, medical, and other technical vocabularies and essential information for success on the job.

Freshman Year Fall Term	Credit Hours	Sophomore Credit Year Fall Term Hours
ENG 100 Communications		CCR 201 Court Reporting I 10
BUS 101 Intermediate Typewriting (AVT		BUS 210 Principles of Accounting I 4
CCR 101 Machine Shorthand I PSY 101 Orientation		
	13	Winter Term
Winter Term		CCR 202 Court Reporting II 10 EC 101 Applied Economics 3
SS 101 Sociology	4	$\overline{13}$
CCR 102 Machine Shorthand II	6	
BUS 102 Typewriting III (AVT®)	3	Spring Term
	13	CCR 203 Court Reporting III 10
물리가 되었다. 그렇게 얼굴하는 것들다		CCR 240 Court Practice 5
Spring Term	٠,	15
SS 250 American Government	4	
CCR 103 Machine Shorthand III		Summer Term
BUS 215 Business Law I	3	
医精膜 医二氯甲基甲基乙基甲基甲基	13	CCR 204 Machine Shorthand Speed
Summer Term	10	Building 4 CCR 241 Court Practice 4
Summer Term	李大道 ""	8
CCR 104 Machine Shorthand IV	, 6° .	
BUS 216 Business Law II		**If speed requirements are met at the end of the second year spring term, then summer term will not
	9	be necessary.

General Clerical

86

One-Year Certificate Program

The one-year general clerical program is designed for those students who wish to rapidly develop or increase the basic skills necessary for entrance johs in the modern office. Upon satisfactory completion of the program, a certificate is awarded. Further courses may be elected on a full-time basis, or part time during evenings, which will lead to the associate degree.

		Fall Term	Credit Hours			Credit Spring Term Hours	
ENG	100	Communications	3	BUS		Applied Business Law 3	
BUS	118	Introduction to Business	4	BUS		Office Methods 3	
BUS	210	Principles of Accounting I	4	BUS	108	Business Machines II (AVT*) 3	
BUS	117	Business Mathematics	3	BUS	102	Advanced Typewriting 3	
1		The second second second second		BUS	242	Office Internship or	ċ
33			14			Elective 3	
		Winter Term		Electi	ves:	15	
EC ·	10Î	Applied Economics	3				·
RUS	211	Principles of Accounting H	4	BUS	220	Office Management I	
BUS	107	Business Machines I (AVT)	3	BUS	204	Business Correspondence	
BUS	101	Intermediate Typewriting (AVT)) 3	BUS	229	Public Relations	
PSY	150	Psychology of Human Relations	4:				
	2.	好 医乳头溶液	17	*Aud	io-Vi	sual-Tutorial Instruction, see page 84.	

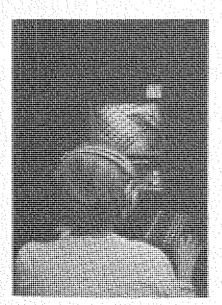


Two-Year Associate Degree Program

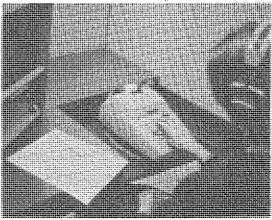
The Office Management curriculum is designed for those persons who wish responsible office positions in other than the stenographic areas. Successful graduates of the program are equipped to handle the functions in most offices with efficiency. The program provides for adequate skills to succeed in entry-level positions and adds the business understanding and management training necessary for rapid advancement to supervisory positions.

Fresh Year		Fall Term Credi Hour		Sopho Year	more	Fall Term Cred Hou	
SS ENG BUS BUS	101 117		4 3 3 4	DP EC BUS BUS	201 240 223	Survey of Data Processing Principles of Economics Office Internship or Elective Management and Supervisory Development	3 3 3
		1. Winter Term	1		•	Elective Winter Term	16
BUS BUS BUS BUS	$\begin{array}{c} 118 \\ 107 \end{array}$	Principles of Accounting II	1 3 3 -	BUS BUS EC BUS BUS	221 201 241	Business Law I Office Management I Principles of Economics II Office Internship and/or Elective Personnel Management.	3 4 3
		le Spring Term	1		. i -	Spring Term	16
BUS BUS PSY BUS	108 150		1 : . 3 : 1	BUS BUS BUS	$\frac{204}{242}$	Business Correspondence Office Internship or	3 .
BUS		Secretarial Machines	ź — 3	BUS PLS	221	American Government	3
Recorr	meni	ded Electives:					16
BUS BUS ENG SS	$\frac{225}{102}$	Office Methods Principles of Management Composition Sociology Soci		SPH- GEO ENG SS	101 103	Principles of Speech Economic Geography Composition ²⁰ Economics ²⁰	
	101			53	102	ECONOMICS	

^{**}Strongly recommended for those students who anticipate transfer to a four-year college:



Audio-Visual Tutorial Laboratory in Business.





^{*}Audio-Visual-Tutorial Instruction, see page 84.

Accounting and Office Programs

Legal Secretary

Two-Year Associate Degree Program

The Legal Secretarial Program is designed for students who wish to specialize for this rapidly expanding career. The curriculum provides the student with skill and ability necessary to manage the office of an attorney, and develops understanding of the vocabulary and terms used, in addition to the normal secretarial skills. An Associate Degree is awarded upon satisfactory completion of the program.

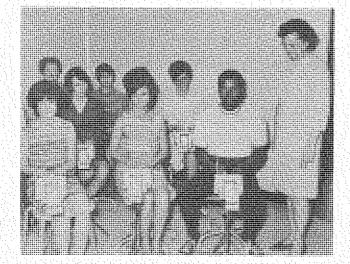
Freshman		Credit	Se
Year		Hours	Ye
ENG 101	Composition I ,	. 3	E
SS 101	Sociology	. 4	В
BUS ** 104	Beginning Shorthand***		B
BUS: 117	Business Mathematics		PS
		14	в
	Winter Term		
BUS 118	Introduction to Business	. 4	100
BUS 101	Intermediate Typing (AVT)	. 3	в
BUS 105	Intermediate Shorthand		BU
BUS 107	Business Machines I (AVT)		E
			SP
		14	BU
	Spring Term		No. 3 Et 5
BUS 102	Advanced Typing (AVT*)	. 3	100
BUS 106	Advanced Shorthand		
BUS 110	Applied Accounting		: \$\$
BUS 109	Secretarial Machines		BU
Hally Age	Elective		BC BC
	grafija da serina dapat bara	. — .	
wat Alberta		16	DY

Recommended Electives:

BUS	108	Business Machines II (AV
ENG	102	Composition
ENG	103	Composition®®
BUS	230	Office Management
CC III	109	Franchices

Soph Year	omore Fall Term	Credit Hours
EC	201 Principles of Economics I	. 4
BUS.	201 Transcription	4
BUS	215 Business Law I	
PSY :	150 Psychology of Human Relations	
BUS	or 240 Office Internship	3
		14-15
	Winter Term	
BUS	202 Shorthaod Speed Building	4
BUS	216 Business Law II.	3
EC.	202 Principles of Economics II	. 4
SPH	104 Principles of Speech	3
BUS	241 Office Internship or Elective	3
	Spring Term	17
ss :	250 American Government	4
BUS	203 Secretarial Training	3
BUS	205 Legal Shorthand	
BUS.	204 Business Correspondence	3.
	Elective or	
BUS	242 Office Internship	3
		15

- *Audio-Visual-Tutorial Instruction, see page 84.
- **Strongly recommended for those students who anticipate transfer to a four-year college.
- ***If the student has completed shorthand in high school, one term of Advanced Shorthand may be sufficient. Placement in advanced courses requires departmental approval.





Medical Secretary

Accounting and Office Programs

Two-Year Associate Degree Program

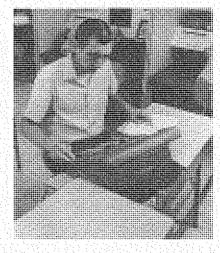
Designed for the student who wishes to become a secretary in a medical office, this program provides basic secretarial skills and the technical understanding necessary for competence and self-confidence in the specialized field. An Associate Degree is awarded upon satisfactory completion of the curriculum.

	1,115	길을 다양 달었으면 비 눈시었음.				그리트 아닌 없는 하고 등하는 함.	- 10
Freshi	nan	Fall Term	Credit	Sopho	omore	Fall Term	Credit Hours
Year	44.	기가 가는 아이들을 살고 있다.	Hours	Year		사람이 보고 그는 일을 된 것을 하는다.	
ENG	101	Composition I	3	· BUS:	201	Transcription	4
NS :	101	Botany-Zoology	4	BUS	215	Business Law I	
BUS .	104	Beginning Shorthand	. 4	· PSY	150	Psychology of Human Relations	4
BUŚ	117	Business Mathematics	3			Elective or	111 111
PE	101	Physical Education	1			Office Internship	3
eta la a	2.0	and a state of the Artificial Art	· · · ,		1, 5		
10.5	e 1.		15				14
146 4	3.11		1880 1881				
100	9.3	Winter Term	44、火火火焰			Winter Term	医骨髓
, i i / 1	. 4. 3				10		His Res.
NS	102	Chemistry-Physics	4	BUS	202	Shorthand Speed Building	4
BUS:	101	Intermediate Typing (AVT*)	3	BUS	216	Business Law II	3
BUS	105	Intermediate Shorthand		BUS	109	Secretarial Machines	2
BUS	107	Business Machines I (AVT*)	3	EC	101	Applied Economics	3
PE	102	Physical Education	1		1.0	Elective or	
	- 4,,			3 10 3		Office Internship	3
		살아 가는 기가 만든 사람들이 다른	15				
11/11	100				rija i rij		15
	100	Spring Term					i i a si
	2.5				13%	Spring Term	的方法
BUS	102	Advanced Typing (AVT°)	3	1.1	111		
BUS	106	Advanced Shorthand		BUS	203	Secretarial Training	3
PE	103	Physical Education		BUS	204	Business Correspondence	3
SS		American Government		BUS	207	Medical Shorthand	
BUS		Applied Accounting		SPH	104	Principles of Speech	3
	. Ž				-6.	Elective or	
100			16	1000年		Office Internship	3
		경향 경우 그 그리는 말이 들어	r de Ted		4		
344.					A - [1]		14
Recom	men	ded Electives	医乳蛋白 医毛	2012/06/20		医二连甲状腺素 经收益 化二氯甲基苯二氯	15, co. 77

Recommended Electives

		Introduction to Business
BUS.	220	Office Management I
ENG	103	Composition**
SS	102	Economics **
. A. S.	10,10	
		Composition**
SS	101	Sociology**

^{•••}If the student has completed shorthand in high school, one term of Advanced Shorthand may be sufficient. Placement in advanced courses requires departmental approval.







[&]quot;Audio-Visual-Tutorial Instruction, see page 84.

^{**}Strongly recommended for those students who anticipate transfer to a 4-year college.

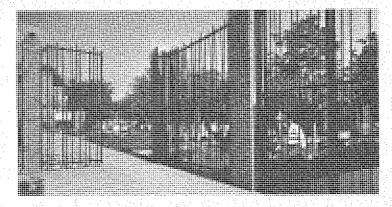
Accounting and Office Programs

Secretarial Science

Two-Year Associate Degree Program

The two-year Secretarial Science program is designed to prepare students for one of the many interesting and challenging positions in business, from senior stenographer to executive secretary. The program provides the skills necessary for entrance-level jobs, and sufficient background in related areas to enable the serious graduate to advance rapidly.

				11	1. 1		
Fresh Year	man	· · · · - · · · · - · · · · · · - ·	edit ours	Sopho Year	more	Fall Term	Credit Hours
ENG	101	Composition	3 -	BUS	201	Transcription	4
BUS		Introduction to Business		BUS		Principles of Accounting I	
BUS		Beginning Shorthand		EC -		Principles of Economics I	
BUS		Business Mathematics		4367	-01	Elective or	
воз	111	Dusiness statiematics		BUS	240	Internship	3:
			14	000	~ 10	Xucores april 111111111111111111111111111111111111	
							15
		Winter Term					
		white ferm				Winter Term	
BUS	108	Intermediate Shorthand	. 4	1.7		1111100	5.54
BUS		Intermediate Typewriting (AVT*).		BUS	202	Shorthand Speed Building	4
BUS		Business Machines I (AVT°)		BUS		Principles of Accounting II	
SPH		Principles of Speech		EC		Principles of Economics II	
31.17	10.1	Elective		BUS		Business Law I or	
		EMEGRICA		BUS	241	Internship	3
			16	1100	271.	internation	
100	1		10	5.00			15 :
		Spring Term		21	į.		
1.1	5.3	Obtang term	1 1 /			Spring Term	3 1 7 7 7
BUS	106	Advanced Shorthand	. 4	- 1		Spring 1	
BUS		Advanced Typewriting (AVT)		BUS	204	Business Correspondence	3
BUS		Secretarial Machines		BUS		Business Law II or	
PSY		Psychology of Human Relations		BUS		Applied Business Law	3
131	100	Elective		SS		American Government	
1.		Blecare		BUS		Secretarial Training	
14, 10	·		16	BUS		Office Management I or	
. 11						Office Internship	3
- 1	100			200			
	5 5 5						16
	1.5				- '		·
Reco	mmei	nded Electives:	1.12		1		
nre	. 250	The state of Administration 1887	1	5 4	الأمالاً:	isual-Tutorial Instruction, see p	000 84
BUS		Principles of Accounting III					
DP ENG		Survey of Data Processing Composition**	200			y recommended for those stu	
			J. Barrier	antic	ipate	transfer to a four-year college,	
SS	101	Sociology	100	***5	tuder	nts who have completed on	e or more
BHC	aeo	Federal Income Taxes	100	years	of:	shorthand in high school shot	uld see de-
BUS BUS		Introduction to Marketing		partr	nenta	d advisor for proper placement.	
						and the state of the first state of	
ENC		Composition** Economics**	4.		200		
SS	102	reconomics.	. A A.	24.4			





Accounting and Office Programs

Stenographic

One-Year Certificate Program

This is an accelerated program for qualified students. It includes instruction and practice in all primary skills and abilities necessary for a wide variety of office occupations. A certificate is awarded for satisfactory completion of the courses. Further study is possible, full or part-time, for earning an associate degree.

		· ·	
	i.		ediŧ urs
. 1. 1.	11		
ENG	100	Communications	3
BUS	118	Introduction to Business	
BUS	117	Business Mathematics	. 3
BUS	104	Beginning Shorthand**	4
PSY	101	Orientation	. 1
		· · · · · · · · · · · · · · · · · · ·	15
25			10
	7.3	Winter Term Cr	edit
	100	Ho	ours
100	- 4	landa a sa Bara Bata da Sala	
BUS	210	Principles of Accounting I	4
EC	101	Applied Economics	3
BUS	101	Intermediate Typewriting (AVTo)	- 3
BUS	105	Intermediate Shorthand**	4
BUS	107	Business Machines I (AV Γ^{\bullet})	
			17

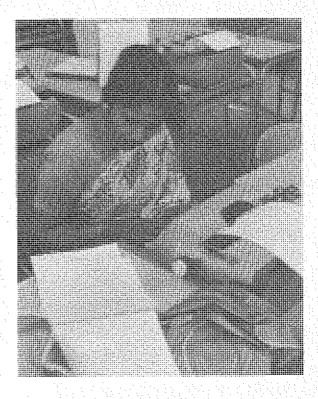
		Spring Term Cre Ho	dit urs
	100		1 1
BUS		Applied Business Law	3
BUS	102	Intermediate Typewriting (AVT*)	3
BUS	106	Intermediate Shorthand	4
BUS	119	Office Methods	3 -
BUS	109	Secretarial Machines	2
			15

Recommended Electives:

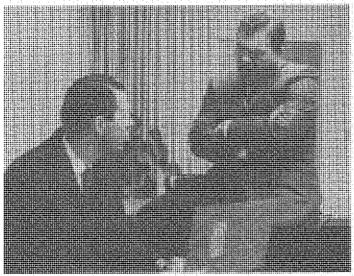
PSY	150	Psychology of	Human	Relations
BUS	201	Transcription		6.00
SS	101	Sociology		

^{*}Audio-Visual-Tutorial Instruction, see page 84.

**Students who have completed one or more years of shorthand in high school should see departmental advisor for proper placement. Placement in advanced courses requires departmental approval.







Department of Management and Marketing

Department Chairman: James Person

Management and Marketing

Management

BUS

BUS

BUS

Certificate Program

A one-year curriculum in Management is designed primarily for qualified students desiring positions of the first or supervisory level of management. Businesses are encouraged to make use of the management courses in the implementation of their employee upgrading or promotion programs. Counseling with a staff member in the management area is recommended to guide the choice of electives toward the desired goal of the student. A certificate is granted to those students successfully completing the curriculum.

com	pleting the curriculum.			경우 경우 교사를 가게 가장 등을 받아 왔다면?
	Fall Term	Credit Hours		Spring Term
BUS		4		Principles of Management
BUS	223 Management & Supervisory Development	3	DO3 210	Electives
BUS	117 Business Mathematics or equivalent			
DP	131 Survey of Data Processing			보이를 보기로 전달다를 불통하였
ENG	121 Composition or Communication	ons3		
	Winter Term	16		
BUS	130 Introduction to Marketing	4		
BUS	224 Personnel Management		进程的	
BUS	229 Public Relations			
EC	201 Principles of Economics	14		
34				
	120 Sales	BUS 271		
BUS	121 Retailing 131 Advertising		Life Insurance	Accounting II
	222 Small Business Management			Accounting III

92 (Industrial Supervision electives may be offered as needed.)

232 Sales Management

235 Managerial Marketing

246 Managerial Internship

260: Trans. & Traffic Mgmt. (All)



Credit Hours

15

James Person



BUS

BUS:

DP-

EC:

215 Business Law

220 Office Management

133 Systems and Applications

202 Principles of Economies II-

Management

Associate Degree Program

Management and Marketing

The Management program offers training for management in various fields, determined by needs of students or the community. Classic management duties of planning, organization and control are presented to meet the needs in specific situations. Each course stresses the premise that every manager is a professional worker in a field with a history, a heritage and a future.

Lansing Community College facilities and personnel are available for organizing, conducting and coordinating management programs to meet needs of interested businesses, on an individual or group basis.

Fresh	man	Fall Term (Credit	Sopho	more		edit
Year	(-	dan kacamatan da ka	Hours	Year	£	The first part of \mathbf{H}_0	ours
BUS	118	Introduction to Business	. 4	BUS	223	Management and Supervisory	
$DP \le$	131	Survey of Data Processing	. , 3	. 7.574		Development	3
ENG	121	Composition	3 :	BUS	246	Management Internship or Elective .	3
SO	101	Orientation	. 1	BUS		Principles of Accounting I	4
38 A	200	Elective	3	EC		Principles of Economics	. 4
		建工艺术 医乳腺管 医乳化病 电电		3 4 13	-	Elective	
100			14	far Li	44.		
			Artific	N. S			17%
	. 54	Winter Term			· .	그리면 그렇게 하다를 모르면 하다 됐다.	anji t
	ti iti					Winter Term	
BUS		Sales	. 3				3.50
BUS		Introduction to Marketing		BUS	224	Personnel Management	3
BUS	229	Public Relations		BUS		Management Internship or Elective.	
3.5	1.3	Electives	6	BUŞ	211	Principles of Accounting II	. 4:
			:	EC	202	Principles of Economics	4
3.11	100		16		25,2		
A 15.		원이 불러 맞아 보고 그러움을 다고 되었다.	10.35		1 1	되다는 분들은 경찰은 이 학생들이 가게 들어?	14
100	1.5	Spring Term	点 机铸造		9 11		100
nuic	000				. 44	Spring Term	
BUS-		Sales Management		******			
SS .	235	Managerial Marketing	4	BUS	225	Principles of Management	3
SS		Political Science	. 4	BUS	248	Management Internship or Elective .	3
33	TW	Elective		BUS	212	Principles of Accounting III	4
		Elective		1000	P. 4	Elective,	4
			15	Action 1	1.14		
			10				14
Весоп	nmen	ded Electives:		9.35	3 g () .	그러나 하지만 하면 그는 학교들은 사이보다는	3,100
			11.5				
BUS.	121	Retailing		DP	132	Cobol	
BUS	131	Advertising		DP		Systems and Applications	
BUS		Small Business Management		ENG		Composition*	1.0
BUS		Trans. & Traffic Mgmt. (All)	3.4	ENC		Composition*	યું કેટ્રેક્ટ
BUS		Real Estate Essentials		PSY		Introduction to Psychology	
BUS		Life Insurance Essentials		SPH		Fundamentals of Speech	
BUS		Business Law		SS		Sociology*	
BUS		Office Management	98478	SS	102	Economics*	41.7
\mathbf{DP}	110	Fortran	100	*Stron	gly r	ecommended for those students who	an-
	r eg					nsfer to a four-year college,	4373

Marketing

Certificate Program

A condensed one-year curriculum in Marketing is offered for qualified students. The courses are designed to meet the needs of students and business. The curriculum has special value to those already employed who desire upgrading or promotion. A certificate is granted to those students successfully completing this curriculum.

Electives may be chosen from the courses listed in the course description section of the college catalog. Staff advisors in Business will recommend electives to students in accord with their needs and goals.



Management and Marketing

		Credit First Term Hours		Credit Hours
BUS BUS BUS DP ENG	223 117 131	Introduction to Business	BUS 131 Advertising	. 4
BUS		Winter Term Sales. 3		13-14
BUS BUS BUS	130	Retailing 3 Introduction to Marketing 4 Public Relations 3		

Marketing

Associate Degree Program

210 Principles of Accounting I.

The Marketing Program offers organized training in retail distribution, wholesaling, management and other activities related to the marketing of goods and services. The courses offered in this area provide education and training to improve the skills, business knowledge, and judgment of those preparing for, or now engaged in, the rapidly growing area of distribution and marketing. The primary objective is to train individuals to participate more efficiently in business activities.

Fresh Year	man		redit		Sopho Year	more	Fall Term Cree Hou	
BUS		Introduction to Business Business Mathematics	4		BUS	223	Management and Supervisory Development	3
DVS	111	or equivalent	. 3		BUS	246	Marketing Internship or Elective	3
DP	131	Survey of Data Processing	. 3		BUS		Principles of Accounting I	4
ENG	121				EC	201	Principles of Economics	4
SO	101	Orientation	. 1				Elective	3
100	- 15		14		4.1			17
. B. 14	1	TAGE			1 1	1.		
1 : 1.	- 1	Winter Term					Winter Term	2.
BUS	120	Sales	. 3		BUS	224	Personnel Management	3
BUS		Retailing			BUS		Marketing Internship or Elective	3
BUS	130	Introduction to Marketing			BUS		Principles of Accounting II	4
BUS	229	Public Relations			EC	202	Principles of Economics II	4
		Elective	. 3					1.1
1.5			16			100		14
1	· 1						Spring Term	
100	13	Spring Term	7					
	ï., .				BUS		Principles of Management	3
BUS		Advertising			BUS		Sales Management	3
BUS		Managerial Marketing	. 4		BUS		Marketing Internship or Elective	3.
SS SS		American Government or Political Science*	. 4		BUS	212	Principles of Accounting III Elective	3
33	100	Elective			4.5		Elective	٠,
V 1	7			_	100			16
. 5			14	100	1.	٠.,		
Recon	າກາຕກ	ded Electives:	1.5		. 11			
BUS	222	Small Business Management		2.3	PSY	201	Introduction to Psychology	13.1
BUS		Real Estate Essentials	\$		SS	101	Sociology*	. : '
BUS		Life Insurance Essentials			SS	102	Economics*	
DP:		Fortran			*Stro	ngly i	recommended for those students who	an-
DP	133	Systems and Applications			ticipa	ite tra	insfer to a four-year college.	
ENC ENC	122							
E(Y)	1.25	Composition*		- :	1.5			





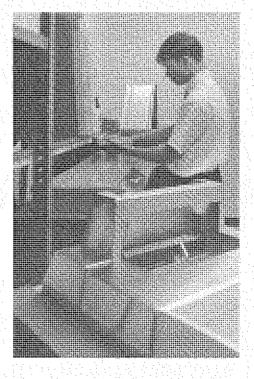
Data Processing

Certificate Program

Management and Marketing

In order to meet the increasing demand for trained data processing personnel, an accelerated program in Data Processing is being offered to qualified students. This one-year program is of special value to students who desire rapid but comprehensive training to enable them to enter the labor market as soon as possible. A certificate is granted upon completion of this program. Also, the courses may be transferred to the two-year program.

		Fall Term Credit Hours			edit ours
DP	151	Introduction to Data Processing 5	DP	153 Cobol II	. 5
BUS		Management and Supervisory	BUS	130 Introduction to Marketing	. 4
		Development 3	BUS	210 Principles of Accounting I	4.
ENC	121	Composition		Elective	. 3
MTH	102	Intermediate Algebra or equivalent . 5	14.	The second of th	
*	4	3.0			16
1.		16	Recon	nmended Electives:	
4.15			DP	110 Fortran	3.
1000		Winter Term	ЮP	133 Systems and Applications	. 3.
1.			BUS	222 Small Business Management	. 3
DP	152	Cobol I	BUS	224 Personnel Management	. 3
BUS	118		BUS	225 Principles of Management	. 3
MTH	155	Data Processing Math 5	MTH	158 Descriptive Statistics	. 5
		Elective 3		or	
- P			MTH	160 Statistics (prerequisite MTH 164	1.5
		17		and MTH 164)	, 5







Management and Marketing

Data Processing

Associate Degree Program

The Data Processing curriculum at Lansing Community College is designed to provide trained graduates capable of meeting the ever increasing demand of the modern business world. Graduates will have acquired an understanding of the concepts, principles, and techniques of data processing together with a working understanding of modern, complex, high-speed data processing machines.

The graduate of Lansing Community College, schooled in the business applications of data processing equipment, is fully trained for occupations such as computer operator, coder, or computer programmer.



Fresh	nan	Fall Term C	redit	Sopho	mare	Fall Term	Credit
Year	ILEXIA .		Iours	Year			Hours
DP	151	Introduction to Data Processing	5	DP	251	Business Systems	5
BUS.		Management and Supervisory		BUS	210	Principles of Accounting I	4
2000	*****	Development	3	EC	201	Principles of Economics I	4
ENC	121	Composition		7. T. A. E.	1 1	or	1975
		Intermediate Algebra or equivalent		Maria.	100	Elective	4
SO		Orientation		34 M 3	1.5		
	130						13
			17.		ųψį.	Winter Term	
		Winter Term		D.D.	ara		
				DP BUS		Computer Systems	
DP		Cobol I		BUS		Personnel Management.	
BUS		Introduction to Business		EC.	200	Principles of Economics II	4
MIH	199	Data Processing Math		EC	402	or	
		Elective				Elective	. 4
	1 1		174	34. M	Ž.	Dictive	
	14	克克克克 医双连角 化双二二烷基			r jer	원인 과 경기의 한 경기 등을 다	16
	1,5%	Spring Term					
DP	153	Cobol II	. 5	5 5 5 7		Spring Term	
BUS		Introduction to Marketing		DP .		Assembly Language and Softwa	
MTH		Descriptive Statistics	. 5	BUS		Principles of Accounting III	
	1.27	or		SS	104	American Government	4
MTH	160	Statistics*	5	y diffe.	4000	, i ngalaga katawang dalah ito	
85 T Å		Elective	. 3				13
	3.43					그런 말을 불만한 만호되었다.	
			17				
	114						
Recon	ımen	ded Electives:				아마음 하는 사람은 얼마를 보고 있다.	医乳发生剂
DP	110	Fortran	3	MTH	165	College Algebra & Trigonometry	y II 5
DP	246	DP Internship and Field Project	. 3	PSY		Introduction to Psychology	
BUS	120	Sales	. 3	ENG	122	Composition**	3
BUS	121	Retailing	3	ENG	123	Composition**	3
BUS		Advertising		SS	101	Sociology**	4
BUS		Office Management I		SS	102	Economics**	4
BUS		Office Management II		SS	103	Political Science**	4.
BUS		Sinali Business Management		Prere	cuuis	ite is MTH 164 and MTH 165.	
BUS		Personnel Management.		T. 4 4.		the contract of a second section of the contract of the contra	_ 41.
BUS		Principles of Management				recommended for those stude	nts wno
MTH	164	College Algebra & Trigonometry I	5	antici	-	transfer to a four-year college.	





Hotel-Motel and Food Service Mid-Management Technology

Management and Marketing

Lansing Community College offers Certificate and Associate Degree curriculums designed to prepare the student for mid-management positions as supervisory personnel in hotels, motels, restaurants, and institutions.

Food Specialist Certificate Program

Freshman Year	Fall Term	Credit Hours	Spring Term	Credit Hours
HMF 201	Introduction to Hospitality Industry Food Service Operation Business Mathematics	3	HMF 123 Food Production & Practice HMF 221 Hospitality Management HMF 222 Food & Labor Cost Control HMF 224 Catering & Beverage Operation .	3 3
	or equivalent Food Science Composition I or equivalent	3	°HMF 214 Law as Related to Innkeeping	14
	Winter Term	17	(May be taken as an alternate)	
	Basic Food Management Merchandising for the Hospital Industry	ity		
	Elective (Recommend Communications) Advanced Food Production			
		14		

Food Specialist Associate Degree Program

Freshi Year	man	Fall Term	Credit Hours		Credit Hours
HMF	101	Introduction to Hospitality		HMF 201 Food Service Operation	. 3
		Industry	4	HMF 203 Food Science	. 4
BUS	117	Business Mathematics		BUS 223 Management and Supervisury	et en taje
- 7.3.4		or equivalent	3	Development	. 3
ENG	121	Composition I	3	BUS 210 Principles of Accounting.	. 4
SO:	101	Orientation	l	建铁铁矿 医阿拉克氏病 医皮肤皮肤 医皮肤	
SS	101	Sociology	4::	하이트 그는 불발 보기 때문에 하를 보기했다.	14
			15	Winter Term	
	1.	Winter Term		HMF 212 Maintenance and Equipment	4
		winter letti	5444	HMF 213 Merchandising for Hospitality	
HME	119	Basic Food Management	5	Industry	. 3
BUS		Introduction to Business		HMF 215 Advanced Food Production	. 3
DP		Survey of Data Processing		BUS 211 Principles of Accounting II	
ENG		Composition or Communications		SPH 104 Principles of Speech	. 3
			15		17
		Spring Term		Spring Term	
нмг	193	Food Production & Practice	5	HMF 221 "Hospitality Management	3
		Introduction to Marketing		HMF 222 Food and Labor Cost Control	. 3
BUS		Advertising		HMF 224 Catering and Beverage Operation	. 3
SS		American Government		EC 201 Principles of Economies	4
			15		13-14
HMF	134	Internship & Seminar	3	BUS 212 Accounting III may be substituted students anticipating transfer to a four-year continuous substitution.	
Recor	nmei	nded Electives for Transfer Studen	ı t ı		
ENIC	ton	Commission II		Any time a student determines that a transfe	erto a
		Composition III. Introduction to Psychology		four-year college is desired he should const	
PSY SS	102			HMF Advisor for recommendations of proper co	
SS		Political Science		The state of the s	
33	100	A Oracida Celonet			



Management and Marketing

Hotel-Motel Management Specialist Certificate Program

	Fall Term Cre Hot			
	101 Introduction to Hospitality Industry 201 Food Service Operation 202 Hotel-Motel Housekeeping 117 Business Mathematics	3 4	HMF 123 Food Preparation and Practice HMF 221 Hospitality Management HMF 222 Food and Labor Cost Control HMF 223 Front Office Procedure	5 3 3
ENC	or equivalent	3	15 *HMF 214 Law as Related to Innkeeping 3	ź
	Winter Term	17	(May be taken as an alternate)	•
HMF	I12 Basic Food Management 212 Maintenance and Equipment 213 "Merchandising for the Hospitality Industry Elective (Recommend Communications)	3		
		15		÷

Hotel-Motel Management Specialist Associate Degree Program

Fresh Year	men		redit ours	Sophomore Fall Term Cree Year Hou	
HMF BUS		Introduction to Hospitality Industry. Business Mathematics	4	HMF 201 Food Service Operation HMF 202 Hotel-Motel Housekeeping BUS 223 Management and Supervisory	3
ENC SO	101	or equivalent	. 3	Development	3 4
SS	101	Sociology	15	Winter Term	14
HMF BUS		Winter Term Basic Food Management		HMF 212 Maintenance and Equipment	3
DP ENC	131	Introduction to Business. Survey of Data Processing Composition or Communications.	3	HMF 214 Law as Related to Innkeeping BUS 211 Principles of Accounting II SPH 104 Principles of Speech	3
		Spring Term	15	Spring Term	17
HMF BUS BUS SS	131	Food Production and Practice	. 3	HMF 221°Hospitality Management HMF 222 Food and Labor Cost Control HMF 223 Front Office Procedure EC 201 Principles of Economics	3 3 4
			15	· Carrier and the second secon	 l5
		Internship & Seminar	3	*BUS 212 Accounting III may be substituted b students anticipating transfer to a four-year college	y e.
ENG PSY SS SS	123 201 102	led Electives for Transfer Students: Composition III Introduction to Psychology Economics Political Science		Any time a student determines that a transfer to four-year college is desired he should consult th HMF Advisorfor recommendations of proper courses	e '





Management and Marketing

Law Enforcement

Associate Degree

This program is designed to prepare young men or women for police work, and to assist those now in the field to secure the general and technical information necessary for promotion. Modern law enforcement agencies need people with ability and training for police work at local, state or federal level's, and can offer a variety of challenging careers.

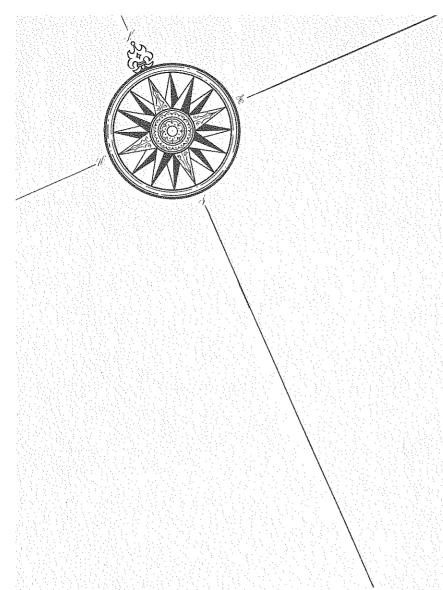
Students who plan to enter this field should enroll in the entire curriculum listed below. (Men and women presently engaged in police work can enroll in specialized law enforcement classes listed.)

Basic Program

Fresh Year	man		Credit Hours	Sophe Year	more	e Fall Term Cree How	
LE	101	Introduction to Law Enforcement	4	LE	201	Introduction to Criminal	
BUS:	101	Intermediate Typewriting				Investigation.	
ENG	121			BUS	210	Principles of Accounting I	4
PE		Physical Education		marc	02.7	(or approved elective)*	3
so i		Orientation		BUS SS		Business Law	
55	IUI	Sociology	+	90	220	Juvenine Definquency	
afjur.	100		16				14
50,00	100						
		Winter Term			100	Winter Term	٠
LE .	102	Police Organization & Admin		LE		Criminal Law & Procedures	4
ENG		Composition II		BUS	211	Principles of Accounting II	4
PE		Physical Education (Judo)		D	***	(or approved elective)*	0
SPH		Fundamentals of Speech		BUS	216	Bosiness Law	3
SS	102	Economics	4	NS .	100	(or approved elective)* Chemistry-Physics	A
- 4			15	No.	102	Chemistry-raysics	- 2
			10				15
15 (4.1)		Spring Term					
LE	103	Theory of Patrol	3			Spring Term	
ENG		Composition III		LE		Crime Prevention	3
PE		Physical Education		LE	204	Traffic Law & Accident	
PSY		Introduction to Psychology				Investigation	3
SS	103	Political Science	4	BUS	212	Principles of Accounting III	4
		1.10 (1) (1) (1) (1)	3.6			(or approved electives)"	
4.15	1.3		15			Approved Electives*	. 0
	:			11.			16
Recon	amen	ded Electives:	f 18782	3 July 1	٠.		
LE.	20%	Local and Countried Bahantan	9	FOO	TOTAL	TIE.	Α,
LE		Legal and Criminal Behavior Police Interviewing and	. 3				1.
	200	Interrogation	. 3			intending to transfer to Michigan St	
LE	246	Law Enforcement Internship				should take in the sophomore year l	
		are approved by the Law Enforce				iy-Zoology, NS 103 Astronomy-Geolog , 202, 203 (Western Civilization) inste	
Coord			ement.			, 202, 203 (Western Civilization) inste	4(1.
			100	OI UII	101 10	commence electres.	







Management and Marketing

Law Enforcement Course Certification

Certificate Program

Students who are presently engaged in law enforcement work will receive a certificate upon successful completion of the 28 hours of work in the field of law enforcement.

LE :	101	Introduction to Law Enforcement 4		SS 220 Juvenile Delinquency
LE	102	Police Organization and	•	LE 204 Traffic Law and Accident
300		Administration		Investigation
LE	103	Theory of Patrol		사람 장마 시민 씨는 사람들이 가는 사람들이 되었다.
LE	201	Introduction to Criminal		Recommended Electives:
1, 4,	12.	Investigation 4		LE 205 Legal and Criminal Behavior 3
LE	202	Criminal Law and Procedures 4		LE 206 Police Interviewing and Interrogation 3
LE .	203	Crime Prevention		LE 246 Law Enforcement Internship 3



Library Technology

Management and Marketing

The library technician is an assistant to the professional librarian and, in certain instances, is a supervisor of the non-professional staff in a public, special, or school library. He will work with people, books, audio-visual material and general office procedures.

Lansing Community College offers a two-year program of training leading to an Associate Degree in Arts (Library Technology). One library technology course is offered each fall, winter and spring term during the two-year sequence. The introductory course will be offered during the fall term of each school year. Anyone interested may also enroll for a single library technology course.

Certificate Program

		Fall Term	Credit		44	Spring Term	
	1.12		Hours				
LT	101	Introduction to and Use of				erence	
T 075	0.01	Library.		LT 205 BUS 210		rary Problems	
LT BUS	201	Technical Services		BUS 107		iness Machines I.	
BUS	101	Typewriting II.	3			nposition III	
ENC	121		3	Bitto Inc		ominended Elective	
SS:		Sociology	. 4	NEED TOOLS	1100		
	100						15-16
	H	Winter Term	16	Recomme	nded	Electives:	
LT	102	Ordering, Circulation, Maintenas	nce,	BUS 224	Pers	sonnel Management	
	la de	and Preparation of Materials .	3	DP : 131	Sur	vey of Data Processing	
LT	246	LT Internship & Seminar OR:		DF 133	3. Syst	tems and Applications	
	413	Recommended Elective				oduction to Literature: Poetry	
ENC		Composition II				oduction to Literature: Dram	a
PSY		Introduction to Psychology OR .	4			oduction to Literature: Prose	
BUS	223	Management and Supervisory	3	ENG 250	J Mas	iterpieces of American Literat	ure
SPH	104	Development Principles of Speech OR			à à.	보고 말하면 하다 회원도 살다.	
3111	104	Recommended Elective				그는 가면을 그릇하게 하다	
		and the first of the state of the first			ñ.		
		보는 100kg 등 이 사람들이 없는 100kg	15-16				
Asso	ciat	e Degree Program		Sophom	ore .	Fall Term	Credit
વેસું કા	5.25%	era Berkar Berkar 1996		Year			Hnurs
Fresh	man	Fall Term	Credit			chnical Services	
Year			Hours	BUS 21	u Pri	ncinles of Accounting I	4
LT	101	Introduction to and Use of		Soph	omore	Fall Term	Credit Hours
ENG	101	Library		Year		교회 공학 회장 등 전 교육 및 모르고	
	121	Composition	3	LT	201	Technical Services	3
NS	101	Botany-Zoology OR	安海安东门	LT BUS	201 210	Principles of Accounting I C)R
NS	101	Botany-Zoology OR Recommended Elective.	4	BUS	210	Principles of Accounting I O Recommended Elective	OR 4
NS SO	101	Botany-Zoology OR Recommended Elective. Orientation	4	BUS	210	Principles of Accounting I C Recommended Elective Western Civilization)R 4 4
NS	101	Botany-Zoology OR Recommended Elective.	4 4	BUS	210	Principles of Accounting I O Recommended Elective)R 4 4
NS SO	101	Botany-Zoology OR Recommended Elective. Orientation	4	BUS	210	Principles of Accounting I C Recommended Elective Western Civilization)R 4 4
NS SO	101 101 101	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term	4 1 4	BUS	210	Principles of Accounting I C Recommended Elective Western Civilization	OR 4 4 4 3
NS SO SS	101 101 101	Botany-Zoology OR Recommended Elective Orientation Sociology	4 4 4	BUS HUN	210 i 201	Principles of Accounting I C Recommended Elective. Western Civilization Recommended Elective.	OR 4 4
NS SO SS LT BUS	101 101 101	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena	15 15 16 3	BUS	210 i 201	Principles of Accounting I C Recommended Elective. Winter Term LT Internship OR	DR 4 4 3 3 14 14 3 3 3 14 3 3 14 3 15 16 16 16 16 16 16 16 16 16 16 16 16 16
NS SO SS LT BUS ENC	101 101 101 102 101 122	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition	15 15 ince, 3	BUS HUN	210 i 201	Principles of Accounting I C Recommended Elective. Western Civilization Recommended Elective. Winter Term LT Internship OR Recommended Elective.	DR 4 4 3 3 14 14 3 3 3 3 3
NS SO SS LT BUS	101 101 101 102 101 122	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR	4 1 4 15 15 mce, 3 3	BUS HUN LT	210 f 201 246 107	Principles of Accounting I C Recommended Elective. Winter Term LT Internship OR	DR 4 4 3 3 14 14 3 3 3 3 3 3
NS SO SS LT BUS ENG NS	101 101 101 102 101 122 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective	4 1 4 15 15 3 3 3 4	BUS HUN LT BUS BUS	210 1 201 246 107 229	Principles of Accounting I C Recommended Elective Western Civilization Recommended Elective Winter Term LT Internship OR Recommended Elective Business Machines I. Public Relations Western Civilization	14 4 4 3 3 14 3 3 3 3 3 3 3 3 4 4
NS SO SS LT BUS ENC	101 101 101 102 101 122 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR	4 1 4 15 15 3 3 3 4	BUS HUN LT BUS BUS	210 1 201 246 107 229	Principles of Accounting I C Recommended Elective. Western Civilization Recommended Elective. Winter Term LT Internship OR Recommended Elective. Business Machines I. Public Relations	14 4 4 3 3 14 3 3 3 3 3 3 3 3 4 4
NS SO SS LT BUS ENG NS	101 101 101 102 101 122 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective Economics	4 1 4 15 15 3 3 3 4	BUS HUN LT BUS BUS	210 1 201 246 107 229	Principles of Accounting I C Recommended Elective Western Civilization Recommended Elective Winter Term LT Internship OR Recommended Elective Business Machines I. Public Relations Western Civilization	18 4 4 4 3 3 14 14 14 14 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
NS SO SS LT BUS ENC NS SS	101 101 102 102 101 122 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective. Economics Spring Term	4 11 4 15 15 16 3 3 3 4 4 4	BUS HUN LT BUS BUS	210 1 201 246 107 229	Principles of Accounting I C Recommended Elective Western Civilization Recommended Elective Winter Term LT Internship OR Recommended Elective Business Machines I. Public Relations Western Civilization Recommended Elective	14 4 4 3 3 14 3 3 3 3 3 3 3 3 4 4
NS SO SS LT BUS ENG NS SS	101 101 102 102 101 122 102 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective Economics Spring Term Reference	4 15 15 3 3 3 4 4 4 17 17 3 3	BUS HUN LT BUS BUS	210 f 201 246 107 229 f 202	Principles of Accounting I C Recommended Elective Western Civilization Recommended Elective Winter Term LT Internship OR Recommended Elective Business Machines I. Public Relations Western Civilization Recommended Elective	18 4 4 4 3 3 14 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
NS SO SS LT BUS ENG NS SS	101 101 102 102 101 122 102 102 103 123	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective Economics Spring Term Reference Composition	4 15 15 3 3 3 4 4 4 17 17 3 3	BUS HUN LT BUS BUS	210 f 201 246 107 229 f 202	Principles of Accounting I C Recommended Elective. Western Civilization Recommended Elective. Winter Term LT Internship OR Recommended Elective. Business Machines I. Public Relations Western Civilization Recommended Elective Spring Term Lihrary Problems	18 4 4 4 3 3 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
NS SO SS LT BUS ENG NS SS	101 101 102 102 101 122 102 102	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition. Chemistry-Physics OR Recommended Elective Economics Spring Term Reference Composition Astronomy-Geology OR	4 4 17 17 3 3 3 3	BUS HUN LT BUS BUS HUN LT LT BUS	210 1 201 246 107 229 1 202 205	Principles of Accounting I C Recommended Elective Western Civilization Recommended Elective Winter Term LT Internship OR Recommended Elective Business Machines I. Public Relations Western Civilization Recommended Elective Spring Term Lihrary Problems Business Elective	18 4 4 4 3 3 14 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
NS SO SS LT BUS ENC NS SS	101 101 102 101 1122 102 102 103 123 103	Botany-Zoology OR Recommended Elective. Orientation Sociology Winter Term Ordering, Circulation, Maintena and Preparation of Materials Intermediate Typewriting II Composition Chemistry-Physics OR Recommended Elective. Economics Spring Term Reference Composition Astronomy-Geology OR Recommended Elective.		BUS HUM LT BUS BUS HUM LT BUS BUS HUM	210 1 201 246 107 229 1 202 205 1 203	Principles of Accounting I C Recommended Elective. Western Civilization Recommended Elective. Winter Term LT Internship OR Recommended Elective. Business Machines I. Public Relations Western Civilization Recommended Elective Spring Term Library Problems Business Elective Western Civilization.	18 4 4 4 3 3 14 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
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ENG: 250 Masterpieces of American Literature

Management and Marketing

Pre-Business Administration

Associate Degree Program

The Pre-Business Administration curriculum is designed for students preparing for transfer to a four-year institution to complete work in professional areas of accounting, economics, finance, law, management, marketing, business education, professional secretary, engineering, statistics or related business professions.

Freshman Year	Fall Term Cree How		Sopho Year	, in		∃redít Hours
ENG 121 MTH 164	Introduction to Business	3	BUS EC HUM NS	201 201	Principles of Accounting I. Principles of Economics I. Western Civilization I. Botany-Zoology.	4
SO 101	Physical Education or Elective Orientation	1 4			Winter Term	16
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PE 102 SS 102	*College Algebra and Trigonometry II Physical Education or Elective Economics Introduction to Marketing	4 .	BUS	212	Spring Term Principles of Accounting III	16
	Spring Term	17	HUM NS	203 103	Western Civilization III	4.
ENG 123 MTH 160 PE 103	Fortrau Composition Statistics or Elective Physical Education or Elective Political Science	3 5 1 4				12
*MTH 18	College Algebra and Trigonometry (replaces 164 and 165)	16				
BUS 12 BUS 12	nded Electives:) Sales 1 Retailing 1 Advertising		BUS BUS BUS PSY	223 224 225 201		v.

Evening Courses in Transportation and Traffic Management

Under the sponsorship of Lansing Community College, in cooperation with the Traffic Club of Lansing, a two-year, six-term course in Traffic and Transportation Management will be conducted at the College. Certificates of satisfactory completion will be issued by the College.

This course deals adequately with the theoretical, historical, and academic aspects of Traffic Management; analyzes practical problems and specific cases, and provides excellent technical training. This course, in two years, imparts information which might take years to obtain in the normal course of work in an individual traffic department or a carrier's general office. This program is also transferable to other programs leading to degrees in the department.



Property Valuation and Assessment Administration

Business

This series of six courses is sponsored by Lansing Community College in cooperation with the Michigan Association of Equalization Directors. Designed for the student who is relatively new to the field of property appraisal, the technical and procedural material presented during the course is planned to serve as an effective base for intensive on-the-job training. The class encompasses legal as well as procedural aspects of property appraisal for governmental jurisdictions. Successful completion results in a Certificate in Assessment Administration.

The curriculum is designed to provide adequate preparation for employment, either in an Assessor's Office or an Equalization Department, and also to improve competence and income of those already in the field. Course objectives are:

- A. To increase the knowledge and ability of the student relative to property appraisal procedures.
- B. To provide for a more cooperative working relationship between appraisers in adjacent areas.
- C. To acquaint the student with the various sources of information available to appraisal personnel.
- D. To provide an effective and organized training vehicle for professional advancement of personnel in property valuation and assessment administration.
- E. To serve as a basis for certification of personnel in the appraisal field.
- F. To promote standardization of procedures, forms, reports, etc.

COURSE DESCRIPTIONS

020 Smaller Business Management

Three credits.

Survey of the functions of planning, organizing, and controlling oriented to the problems of smaller business organizations; a review of the major problems in marketing, finance, taxation, law, personnel relations, and economics applied to the smaller business.

011 Beginning Typewriting (AVT)

Three credits

A beginning course in typewriting designed for students with no previous typing experience. Primary emphasis is placed on mastery of the keyboard and building speed and accuracy on straight copy. Personal and business letters, postcards, and manuscript typing are included. 3 (0-4)

101 Intermediate Typewriting (AVT)

Three credits

Intermediate typewriting serves as a refresher typewriting course and as a continuation of Business 011. Special emphasis is placed on improving speed, accuracy and manipulation. The course covers business letters, special communication forms, technical papers, business reports, tabulated reports, business forms and special reports for executives. Prerequisite: Business 011 or department approval. 3 (0-4)

102 Advanced Typewriting (AVT)

Three credits

A continuation of Business 101. It is designed to improve judgment, skill and accuracy on straight copy as well as tables with special problems, duplicating processes, reports, legal papers, accounting reports, governmental papers, medical papers and other technical reports. Prerequisite: Business 101. 3 (0-4)

104 Beginning Shorthand I

Four credits

Designed to teach the basic principles of shorthand and build an elementary vocabulary. 4 (4-0)





Business 105 Intermediate Shorthand II

Four credits

Completes theory begun in Business 104. Develops speed and accuracy in reading from plates, and in limited dictation. Prerequisite: Business 104 or departmental approval. 4 (4-0)

106 Advanced Shorthand III

Four credits

Continuation of Business 105. Develops high speed in dictation. Prerequisite: Business 105. 4 (4-0)

107 Business Machines I (AVT)

Three credits

A beginning course in business machines, which teaches the basic operations of adding and calculating machines. It includes instruction in the use of the 10-key adding-listing machine, the rotary calculator, and the key-driven calculator. Prerequisite: Business 117. 3 (0-3)

108 Business Machines II (AVT)

Three credits

This course is designed to develop a greater degree of skill in the use of business machines introduced in Business 107. In addition, instruction is provided on the bookkeeping machine, full-keyboard adding machine, and the 10-key printing calculator. Prerequisite: Business 107. 3 (0-3)

109 Secretarial Machines

Two credits

Operation and manipulation of the stencil and fluid duplicating processes. Includes study of machine transcription and filing procedure. One hour lecture, one hour laboratory. 2 (0-2)

110, 111, 112 Applied Accounting I, II, III

(Each) Four credits

These courses are or will be designed to meet the separate needs of particular eurriculums in technical areas where a basic course in Accounting Principles is neither necessary nor desired. Accounting theory is presented in general terms and applications are designed to meet the requirements of specific technical areas. One, two and three-term sequences are developed, depending on the extent of training demanded by the curriculum. Prerequisite: Approval by the student's academic advisor. 4 (4-0)

113 Applied Business Law

Three credits

For students who are interested in completing certain one or two-year business programs and others who may be interested for consumer education purposes. Designed to help students develop vocabulary, a fund of information and understanding of meaning and operation for student training and growth in intelligent reading, understanding of, respect for, and obedience to the law. Course relates specifically to contracts, sales, negotiable instruments and other subject areas related to business. 3 (3-0)

117 Business Mathematics

Three credits

Designed to develop skill and accuracy in mathematics. Includes study of decimals, fractions, aliquot parts, percentages, discounts, inventory, payroll, interest. 3 (3-0)

118 Introduction to Business

Four credits

Survey of husiness activities, covering principles, problems and practices related to our economic framework. Includes topics such as organization, production, marketing, personnel administration, finance, and economics 4 (2-2)



119 Office Methods

Three credits

Business

Offered primarily for the one-year office program. Emphasizes clerical office procedures and responsibilities. Includes the study and evaluation of effective personality traits. Prerequisite: Business 103. 3 (3-0)

120 Sales Three credits

Designed to familiarize the student with fundamentals of sales. Deals with such topics as consumer huying habits, the salesman's job, the sales transaction, retail store and other sales methods, inventory, use of sales media, product demonstration techniques, and customer service problems. 3 (3-0)

121 Retailing Three credits

A comprehensive consideration of the activities involved by retailers in selling goods to ultimate consumers. Emphasis placed on areas relating to the needs and interests of the class. 3 (3-0)

130 Introduction to Marketing

Four credits

Study of problems and policies of manufacturers, wholesalers, and retailers in the marketing of goods and services. Channels of marketing, customer relations, functions of sales departments, price policies and communications are included. 4 (2-2)

131 Advertising Three credits

Presents methods and techniques in modern advertising, giving information to do the entire advertising job. Copy writing, selection of media and how the advertiser can approach his problems most effectively are included. 3 (3-0)

201 Transcription

Four credits

Designed to teach how to type mailable transcripts from shorthand notes. Prerequisite: Business 106 and Business 102. 4 (4-0)

202 Shorthand Speed Building

Four credits

Continuation of Business 201. Attention given to specialized vocabulary and high speed writing. Prerequisite: Business 201. 4 (4-0)

203 Secretarial Training

Three credits

For the instruction of office procedures and responsibilities. Emphasizes the importance of pleasant, sincere personality and effective secretarial traits. Prerequisites: Business 102 and Business 106. 3 (3-0)

204 Business Correspondence

Three credits

The principles of written business communications are taught by illustration and application. The most effective techniques for formulating the various types of letters to get the desired results are emphasized. 3 (3-0)

205 Legal Shorthand

Two credits

Designed to develop skill in writing and transcribing words and phrases commonly recurring in the spoken and written language of the law. Prerequisite: Business 106. 2 (2-0)

207 Medical Shorthand

Two credits

Develops skill in writing and transcribing words and phrases occuring in the spoken and written language of medicine. Prerequisite: Business 106. 2 (2-0)



Business 210 Principles of Accounting

Four credits

A course designed to explain and apply basic principles of accounting by means of balance sheet and income statement approach. Topics include basic analysis, perpetual and periodic merchandise accounting, alternative adjustments to accounts, business documents and data flow and negotiable documents. Includes the concept for the use of data processing equipment in performing accounting functions. Prerequisite: Sophomore standing or department approval. 4 (4-0)

211 Principles of Accounting II

Four credits

Continuation of Business 210. Includes payroll and tax accounting, controlling accounts and subsidiary ledgers, cash records and forecasting, the voucher system, partnerships, corporations and bonds. Shows how accounting services contribute to the recognition and solution of management problems. Prerequisite: Business 210. 4 (4-0)

212 Principles of Accounting III

Four credits

Continuation of Business 211 involving the study of income and valuation determination, and analysis and comparison of financial statements. Accounting principles related to mercantile businesses, branch accounts, manufacturing companies, cost accounting, hudgeting and sources and application of funds. Prerequisite: Business 211. 4 (4-0)

215 Business Law I

Three credits

Introduction to the fundamental principles of our law for business and non-business students, to develop understanding of our legal system, federal, state and local, its purposes and importance to society. Course contents include study of the nature and sources of law, study of courts, and court procedure, legal reasoning, crime and torts, and the law of contracts, personal and real property, leases and mortgages, and bailments. Prerequisite: Sophomore standing or departmental approval. 3 (3-0)

216 Business Law II

Three credits

The nature and law of sales, commercial paper, security devices, agency, employment, partnerships, corporations—profit and non-profit types—insurance, trusts and estates, and the 1962 Michigan Uniform Commercial Code. Prerequisite: Business 215. 3 (3-0)

220 Office Management I

Three credits

First of two courses dealing with the principles of office management. Includes study of office organization and layout; work flow, procedures, standards, personnel and supervision procedures, equipment; centralized services; and automation trends. 3 (3-0)

221 Office Management II

Three credits

Deals with automation and trends in the problem areas of social, economic organization, management, feasibility, and automated service centers. 3 (3-0)

222 Small Business Management

Three credits

Complete coverage of small business operation, including business and managerial functions. Emphasis on basic principles of management for various kinds of small business concerns. Includes environment of small business, financial, marketing, and production management of the "going concern." Legal and governmental relationships are covered, with actual case studies relevant to those involved in the smaller businesses. 3 (3-0)



223 Management and Supervisory Development

Three credits

Business

Management principles oriented to the supervisory levels of responsibilities in business, government, and other activities. Emphasis is placed on management functions of planning, organizing, directing, coordinating, and controlling, the relationship of policies and procedures, and the responsibilities of supervisory persons for work performance, employee development and evaluation, leadership of workers, and ethics to be considered in decisions. 3 (3-0)

224 Personnel Management

Three credits

Survey of the principles, problems, and practices of modern business, government, and other organizations involved in the handling of employees from the recruiting stages through the post-retirement stage. Emphasis on the use of the appropriate practices in keeping with the type and size of organization. 3 (3-0)

225 Principles of Management

Three credits

Study of (a) the field of management in terms of the concept of scientific management, and the qualifications of executives; (h) principles of the planning, organizing, and controlling functions, including the relationship of decision making to the work of the organization; (c) relationship of the management of people, communications, morale, and motivation to the leadership concept of management. 3 (3-0)

229 Public Relations

Three credits

Techniques of public relations for those holding supervisory or higher positions in management and marketing. Principles of creating and maintaining good public relations, including employee-employer relations. Customer-employee relations receive emphasis, while focus on the programming of the total public relations effort and selecting of appropriate strategy, media, and persuasive devices to accomplish objectives. 3 (3-0)

232 Sales Management

Three credits

Study from the viewpoint of management, dealing with the organization and operation of the sales division within the business enterprise. Planning, organizing and controlling of the total sales effort is emphasized. The case method of learning is employed extensively. 3 (3-0)

235 Managerial Marketing

Four credits

Study of the total enterprise regarding problems, analytical tools, and approaches to decisions. Concerns allocation of funds to various means of market cultivation, development of promotional strategy, price policy, and management of field selling effort. 4 (4-0)

240, 241, 242, and 243 (Arranged) Office Internship-Seminar Three credits

After successful completion of basic courses, usually following the freshman year, students may elect internship. This course allows the students to be placed in an approved training station, earn credits for satisfactory work performance, and earn wages for hours of work. To participate in this program students must be qualified to receive approval from their department and enroll with the coordinator. Their occupational interests are considered with their background or related classes to determine employment arrangements. The flexibility of developing individual programs for interested students in any related occupational opening is accomplished on the basis of developing a practical training program in agreement with the training station supervisors and the college coordinator. 3 (0-3)



Business 246, 247, 248, and 249 (Arranged) Management and Marketing Internship — Seminar

Three credits

After successful completion of basic courses, students may elect internship. This course allows the student to be placed in an approved training station, earn credits for satisfactory work performance, and earn wages for hours of work. To participate in this program students must be qualified to receive approval from their department and enroll with the coordinator. Their occupational interests are considered with their background or related classes to determine employment arrangements. The flexibility of developing individual programs for interested students in any related occupational opening is accomplished on the basis of developing a practical training program in agreement with the training station supervisors and the college coordinator. 3 (3-0)

250 Intermediate Accounting I

Four credits

Balance sheet; income and retained earnings statements; the accounting process (hookkeeping systems, voucher system, adjustments, deferrals and accruals, inventories, depreciation, closing entries, cash versus accrual methods); the accounting process illustrated; cash and temporary investments; receivables; inventories (cost procedures and special valuation procedures); estimating procedures in inventory valuation; current liabilities (nature and various types of current liabilities). Prerequisite: Business 212. 4 (4-0)

251 Intermediate Accounting II

Four credits

Investments in stocks (types of dividends, rights of various stockholders, exchange of stocks, and investments and tax accounting); investments in bonds (kinds of honds, amortization, redemption, conversion, U. S. bonds, and long-term notes and mortgages); investments in funds and miscellaneous items, plant equipment (acquisition, use, retirement, depreciation and depletion, and revaluation); intangible assets (kinds and goodwill); long-term liabilities. Prerequisite: Business 250. 4 (4-0)

252 Intermediate Accounting III

Four credits

Stockholders' equity from paid-in capital (capital upon corporate formation and subsequent changes in paid in capital); stockholders' equity from retained earnings (source of retained earnings and types of dividends); statements from incomplete records (single-entry systems); errors and correcting entries; financial statement analysis (use of comparative data and special ratios and measurement); funds-flow and cash-flow reporting; price-level adjustments in financial reporting. Prerequisite: Business 251. 4 (4-0)

253 Cost Accounting I

Four credits

The basic principles of cost accounting are discussed including its contribution to management. Cost concepts, classifications and systems are presented to build vocahulary and understanding. Skill is developed in costing techniques and using cost records. The elements of cost-materials, labor, and overhead are treated in depth. Prerequisite: Business 212. 4 (4-0)

254 Cost Accounting II

Four credits

This course is a continuation of Cost Accounting I with emphasis on cost systems. Considerable practice is provided in process cost accounting, estimated cost procedures, standard costs, budgetary control, and management reports. Prerequisite: 108 Business 253. 4 (4-0)



257 Federal Income Tax

Four credits

Business

Course includes all aspects of Federal Income Tax as it concerns individuals. Fundamentals are emphasized, pertaining to income inclusions and exclusions, deductions allowable and not allowable, types of returns to be filed based on individual circumstances, dependents, exemptions, medical expenses, etc. With respect to a person operating a business as sole proprietor, the course includes reporting methods of business income, net operating loss carryforward and carryback, self-employment tax, investment credit and other pertinent topics. Treatment of capital gains and losses, disposition of business assets, installment sales, and other specialized subjects are covered. Prerequisite: Business 212 or departmental approval. 4 (4-0)

260-265 Traffic and Transportation Management

(Each) Three credits

Two-year, six term course resulting in a certificate issued by the College. Theoretical, historical, and academic aspects of traffic management are presented with analysis of practical problems and specific cases. 3 (0-3)

267 Governmental and Institutional Accounting I

Four credits

Provides instructions in the characteristics of governmental and municipal accounting and how it differs from commercial accounting. The essentials of fund accounting, appropriations, allotments, encumbrances and liquidation are covered. Prerequisite: Business 212 (Business 252 preferred). 4 (4-0)

268 Governmental and Institutional Accounting II

Four credits

Continuation of Governmental Accounting I offering detailed accounting procedures and accepted practices in governmental accounting including institutional accounting for units such as hospitals and schools. Instruction is also provided in summarizations and reports of activities and performance. Prerequisite: Business 267. 4 (4-0)

269 Governmental and Institutional Accounting III

Four credits

Continuation of Governmental Accounting II with emphasis on recent changes and current practices in different government units. Considerable instruction and work is devoted to program budgeting and performance measurement. Prerequisite: Business 268. 4 (4-0)

271 Real Estate Essentials

Three credits

This certificate course, jointly offered by the Lansing Board of Realtors and the College, is required for employment by local Board members, and provides background for the State Real Estate Salesman's examination. The course is designed for real estate sales people, and for those interested in entering the real estate profession. Subjects covered by expert resource people include Michigan License Law, Listing Agreements, Appraising, Finance, Offer to Purchase, Real Estate Law. The Code of Ethics and The Closing Transaction. 3 (3-0)

275 Life Insurance Essentials

Two credits

An introductory course in insurance covering various phases of insurance, including the history, growth, and development; the economics of insurance; careers and sales programs; types of life, business, and health insurance; programming and estate planning; and Michigan License Law. The course is designed to give a student the opportunity to explore career positions in the insurance profession; to acquaint the student with various types of insurance and insurance terminology; to allow the student to better understand the purposes of insurance and its benefits; and to allow the student to realize the economic importance of insurance, professional insurance organizations and insurance salesmen in our present day economy. 2 (2-0)





Business 278 Investment Essentials

One credit

Familiarizes the student with the workings of the stock market from a fundamental and a technical standpoint, as well as the many external forces which come into play. Valuable for personal enrichment, planning, or broadening of present qualifications. 1 (3-0)

280 Property Valuation and Assessment Administration I Three credits Covers history of property tax, public relations, local government financing, property tax law, assessment-valuation concepts and equalization, appeals, assessment, equalization, and allocation. 3 (3-0)

281 Property Valuation and Assessment Administration II Three credits

This course includes aerial photography, interpretation, property descriptions, tax law, and residential appraisal. Continues to acquaint the student with various sources of information available to appraisal personnel. 3 (3-0)

282 Property Valuation and Assessment Administration III Three credits
Provides discussion of valuation concepts, economic concepts of value, cost approach to value, market approach to value, and income approach to value as well as proper procedures, forms, reports, etc. 3 (3-0)

283 Property Valuation and Assessment Administration IV Three credits A study of the appraisal of residential, commercial, agricultural, and personal properties, and the proper procedures relative to these appraisals. 3 (3-0)

284 Property Valuation and Assessment Administration V Three credits Continuation of residential, commercial, agricultural, and personal property appraisals presented in effective and organized manner for the professional advancement of personnel in property valuation and assessment administration. 3 (3-0)

285 Property Valuation and Assessment Administration VI Three credits
Real and personal property appraisals, legal and procedural aspects of appraisal,
and appeal procedures are studied. A certificate is awarded upon successful completion of the property valuation and assessment administration courses. 3 (3-0)

Court and Conference Reporting

101 Machine Shorthand I

Six credits

Theory and techniques of machine shorthand. Designed to develop vocabulary and build skill up to 60 words a minute. 6 (8-0)

102 Machine Shorthand II Six credits
Continuation of CCR 101 with speed development to 100 words a minute. 6 (8-0)

103 Machine Shorthand III Six credits
Continuation of CCR 102 with speed development to 120 words a minute. 6 (8-0)

104 Machine Shorthand IV Six credits
Continuation of CCR 103 with speed development to 140 words a minute. 6 (8-0)

201 Court and Conference Reporting I

Ten credits

Introduction to Court and Conference Reporting vocabulary and shortcuts, voice transcription, reporting ethics, techniques and reference texts. Speed development up to 160 words per minute in Machine Shorthand. Prerequisite: CCR 104. 10 (12-0)



Court and Conference Reporting II

Ten credits Business

Continued practice in specialized vocabulary and shortcuts with speed development to 180 words per minute. Introduction of Court Reporting procedures, legal typing-transcription, deposition forms and verbatim testimony and jury charge reporting and transcription. Prerequisite: CCR 201. 10 (12-0)

Court and Conference Reporting III

Ten credits

Continuation of CCR 202 with advanced testimony-jury charge dictation, congressional-literary dictation and speed development of 200+ words per minute. Prerequisite: CCR 202. 10 (12-0)

Machine Shorthand Speed Building

Four credits

A course designed as both a refresher and up-grading opportunity for those with prior machine shorthand ability. Considerable dictation practice at speeds ranging from 160 words per minute to 240 words per minute with legal and congressional material. Prerequisite: CCR 203 or Departmental Approval. 4 (8-0)

Court and Conference Reporting Practice I

Four credits

On-the-job training is provided to bridge the gap between the classroom and the actual situation. Student will spend a minimum of 20 hours per week recording actual trials and/or conferences under the direction of a certified reporter and transcribing notes into proper form. Must be taken in conjunction with CCR 203. 4(3-0)

Court and Conference Reporting Practice II 241

Four credits

Either a continuation of CCR 240 or may be used as a refresher-upgrading course with Departmental Approval. 4 (3-0)

Economics

Applied Economics

Three credits

Introductory survey of business economics. Course work focuses attention on the major economic problems and issues within our American economy. Provides an overview and some tools of economic analysis to aid in logical interpretation. Major subject areas relate to overall look at our economic system, prices and their application, money, income and economic growth. 3 (3-0)

201 Principles of Economics I

Four credits

This is the first of two courses about the American Economy designed to develop objective consideration of economic issues. Specific objectives are the knowledge and understanding of how resources are allocated by prices. Consists of price theory, consumer demand, cost structure of firms, aiding the supply of goods to the market, factor pricing and income distribution. Prerequisite: Sophomore standing or Departmental Approval. 4 (4-0)

202 Principles of Economics II

A continuation of Economics 201 dealing with the aggregate activity of the economy, the level of national income, money supply, and prices. It also includes the relationship of the domestic economy to international economic activity, to provide the student with understanding of broad movements in the economy. Prerequisite: Economics 201. 4 (4-0)



Business Data Processing

001 Key Punch

Three credits

Provides speed and accuracy practice on a training tandem—a simulator for the numerical keys on a key punch machine. Also provides a programmed unit for study containing facts about the key punch, the verifier, and data processing in general. Course includes actual practice on the key punch machine with 4 to 7 jobs using program cards, program drums, and checking work on the verifier. 3 (0-4)

110 Fortran (Fall, Winter, Spring)

Three credits

An introduction to programming using Fortran. Covers vocabulary and structure of Fortran. Experience afforded through writing and testing programs. Prerequisite: Mathematics 102. 3 (1-2)

131 Survey of Data Processing (Fall, Winter, Spring)

Three credits

A general survey course designed to acquaint the layman with electronic data processing, its uses, terminology, and management. 3 (3-0)

132 Cobol (Fall, Winter, Spring)

Three credits

Introduction to programming using Cobol. Covers vocabulary and structure of Cobol, but not to the extent of Cobol I. Student will gain experience through writing and testing programs. 3 (1-2)

133 Systems and Applications (Spring)

Three credits

Provides basic understanding of computer system-oriented solutions to the problems and processes of the business environment, as well as a command of the terminology, principles, and procedures of data processing. Emphasis is on general systems techniques and general principles of data processing common to all semiautomatic and automatic husiness systems. 3 (3-0)

151 Introduction to Data Processing (Fall, Winter)

Five credits

Covers definitions of the basic terms and ideas of data processing. A brief look at unit record equipment, and a rather detailed look at computers as they apply to handling data. Develops the concept of block diagramming, and briefly surveys the language of Cobol and Fortran. 5 (5-0)

152 Cobol I (Winter, Spring)

Five credits

An introduction to programming using Cobol, Covers the vocabulary and structure of Cobol. Experience is gained by writing and testing programs. Prerequisite: DP 151 or approval of department. 5 (2-3)

153 Cobol II (Spring)

Five credits:

Continuation of Cobol I, with emphasis on more complex programs and on the interrelation of these programs to complete data processing cycles. Prerequisite: DP 152. 5 (5-0)

246 Data Processing Internship and Field Project Three credits

A comprehensive individual assignment, involving the application of principles, skills, and techniques learned in earlier data processing courses. Prerequisite: Final term, sophomore status.

251 Business Systems (Fall)

Five credits

A study of communications in business systems. Includes learning how to define problems, developing inputs, processing these inputs and producing results. Forms for input records and output reports will be developed. PLI will be introduced and continued in DP 252. Prerequisite: DP 153. 5 (5-0)



252 Computer Systems (Spring)

Five credits

Business

The PLI computer language will be continued and used with knowledge obtained from previous courses allowing a more sophisticated application of the computer. Tape, disk, batch, real time and time sharing systems will be covered and used. Prerequisite: DP 153 and DP 251. 5 (5-0)

253 Assembly Language and Software

Five credits

An introduction to programming at the assembly level. The vocabulary and structure of a language at this level is covered with experience provided through writing and testing programs. Its application to software will be considered. Prerequisite: DP 252. 5 (5-0)

Hotel-Motel and Food Service Mid-Management Technology

[01 Introduction to the Hospitality Industry

Four credits

Introduction to the Hotel-Motel industry, and its management departments, the industry's responsibilities, and opportunities for creative employment. 4 (4-0)

112 Basic Food Management & Production

Five credits

Basic concepts in menu planning, food purchasing, nutrition, sanitation and food storage. Demonstration and laboratory. 5 (1-4)

123 Food Production Techniques & Practice

Five credits

Food production as applied to quantity operation and application. To include laboratory exercises. 5 (1-4)

134 Internship and Seminar

Three credits

Offered to students who have successfully completed basic courses. Allows for the student to be placed in an approved training facility, to earn credits for satisfactory work performance, and earn wages for hours worked. 3 (0-3)

201 Food Service Operation

Three credits

The five functions of management with emphasis on supervision and service: 3 (3-0)

202 Hotel, Motel Housekeeping

Four credits

Deals with the hroad scope of the housekeeper's position and stresses employee training, record keeping, executive responsibilities and use of equipment and materials. 4 (3-1)

203 Food Science

Four credits

Physical, chemical and biological characteristics of food. A laboratory course. 4 (4-0)

212 Maintenance and Equipment

Four credits

Provides essential technical information in electronics, air conditioning, plumbing, heating, electricity, acoustics and other equipment to establish preventative maintenance routine and to make necessary operating decisions. 4 (4-0)

213 Merchandising for the Hospitality Industry

Three credits

Sales promotion and methods used to obtain public recognition and good will. 3 (3-0)



Business Law Enforcement

101 Introduction to Law Enforcement

Four credits

Orientation course designed to acquaint the student with the fields of law enforcement. Municipal, county, state and federal police organizations studied. Includes the history, philosophy and administration of justice. 4 (4-0)

102 Police Organization and Administration

Four credits

Course covers analysis and study of functional divisions of the modern police department. Functions to be studied will include management operations, coordination of activities, communications, recruiting, training, public relations and a look at the future of law enforcement. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval. 4 (4-0)

103 Theory of Patrol

Three credits

Study of patrol as a basic operation of the police function, the responsibilities of the uniform and patrol officers, purposes, methods, types and means of police patrol. Covers determination of patrol strength layout, beats, areas and deployment. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval. 3 (3-0)

120 Basic Police Science

Three credits

Approval of Law Enforcement Coordinator required. 3 (3-0)

201 Introduction to Criminal Investigation

Four credits

Fundamentals of criminal investigation, including techniques of surveillance, search at the scene of the crime, collection, recording and preservation of evidence, methods used in the police science laboratory and cooperation with other agencies. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval. 4 (4-0)

202 Criminal Law and Procedures

Four credits

Study of elements of criminal law including its purposes and functions. Covers law of arrest, search and seizure, rights and duties of officers and citizens, elements necessary to establish crime and criminal intent. Other topics include sources of criminal law, criminal responsibility and general court procedure. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval. 4 (4-0)

203 Crime Prevention

Three credits

Analysis of causes and control of crime. Causes of crime and methods of dealing with criminal and potential criminal emphasized. Statistics of crime, problems of the juvenile offender, theories of punishment, problems of probation and parole and the police officer as an agent for the prevention of crime are examined. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval., 3 (3-0)

204 Traffic Law and Accident Investigation

Three credits

A course covering the Uniform Traffic Code, effective traffic control procedures, elements of "selective" enforcement, parking and intersection control, procedures and policies for vehicle accident investigation, investigation of fatalities, causes, prevention and scope of accident investigation. Prerequisite: Law Enforcement 101 or Law Enforcement Coordinator approval. 3 (3-0)

Juvenile Delinquency and Youth Behavior

Three credits

Early emphasis on the problems of defining juvenile delinquency and a survey of its present status in major industrial nations. Main concentration on theories attempting to account for juvenile delinquency and evidence supporting such theories.

114 Brief coverage of control and correction as a concluding topic. 3 (3-0)



214 Law As Related to Innkeeping

Three credits

Business

A course for innkeepers and their personnel as well as students. Presentation of safe, sound rules to assist in avoiding lawsuits and legal pitfalls. 3 (3-0)

215 Advanced Food Production

Three credits

Advanced commercial food production. A laboratory course. 3 (1-5)

221 Hospitality Management

Three credits

General concepts and management including personnel, guests, and operations present and future. 3 (3-0)

222 Food & Labor Cost Control

Three credits

Supervisory procedures in the control of two major items of expense. 3 (3-0)

223 Front Office Procedures

Four credits

Organization, control and operation of the front office as applied in the reservation and sale of rooms, service, keeping of accurate accounts, presenting bills of receipts of payment. 4 (3-1)

224 Catering & Beverage Operation

Three credits

Food and beverage sales and service. 3 (1-3)

205 Legal and Criminal Behavior

Three credits

Application of psychological principles, methods, and techniques to legal and criminal problems and procedures including the formation, detection, prevention and rehabilitation of criminal behavior, testimony, legal arguments, trial tactics, and other courtroom procedures. 3 (3-0)

206 Police Interviewing and Interrogation

Three credits

A study of the techniques and tactics that can be successfully used in police interviewing and interrogation. Major emphasis on the interview process as a method of gathering information. Includes constitutional law and court decisions regulating interviewing of suspects and criminal offenders. 3 (3-0)

246 Law Enforcement Internship

Three credits

After successful completion of basic Law Enforcement courses students may elect Law Enforcement Internship. This course allows the students to be placed in an approved training station, earn credits for satisfactory work performance, and earn wages. To participate in this program students must secure approval from the Law Enforcement Coordinator. Their occupational interests are considered with their background and related classes to determine employment arrangements. Flexibility of developing individual programs for interested students in any of the Law Enforcement related occupations is accomplished on the basis of developing a practical training program in agreement with the training station supervisors and the college coordinator. The coordinator further conducts an arranged seminar once each week with the internship students to accomplish course objectives which are in accord with purposes of vocational education and to maintain constant evaluation in conjunction with the coordination visits to training stations. 3 (3-0)



Business Library Technology

101 Introduction to Library and Use of the Library

Three credits

General course in use of the library, including general background and philosophy of library service, especially public libraries. Students receive instruction and practice in the use of the card catalog, Readers' Guide, encyclopedias, dictionaries, and general reference works. Practice in the shelving of books so that arrangement of books on the shelves is understood. 3 (3-0)

102 Ordering, Circulation, Maintenance,

Preparation of Materials

Three credits

Ordering, preparation, physical arrangement, circulation, maintenance, and ordering of books, periodicals, pamphlets and other library materials. Study of various systems of circulating library materials. Study of the acquisition of periodicals and pamphlets, records, picture collections, etc. Study of inventory methods, reasons for inventory, and records to be kept. 3 (3-0)

103 Reference

Three credits

Study of general encyclopedias, special reference works, year books, dictionaries, and other basic sources used in reference work. An expanded course going beyond course I and including practice in the preparation of simple bibliographies, emphasizing correct form. 9 3 (3-0)

201 Technical Services

Three credits

Study of the Dewey Decimal Classification system with problems and practice in simple classification. The purpose is to give an understanding of the classification numbers, not to make classifiers of the students. Practice in dictionary cataloging plus practice in assigning subject headings. Emphasis to be placed on working under direction and on typing catalog cards from prepared copy with work on modifying printed cards. Practice in filing in the various library catalogs—dictionary catalog, authority file, and shelf list. (3) (3-0)

205 Library Problems

Three eredits

Seminar type course designed to integrate the technical course work of the preceding quarters. Special problems are assigned for investigation and reporting. Group discussion of common problems. A unit on Audio-Visual familiarization is included. 3 (3-0)

246 LT Internship

Three credits

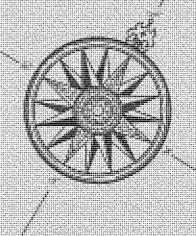
Prerequisite: LT 101, 102, and 103. 3 (3-0)



^{*}Prerequisite: LT 101 or departmental approval.

COLLEGE OF TECHNOLOGY

Department of Applied Technology
Department of Engineering Technology
Transportation Training Program





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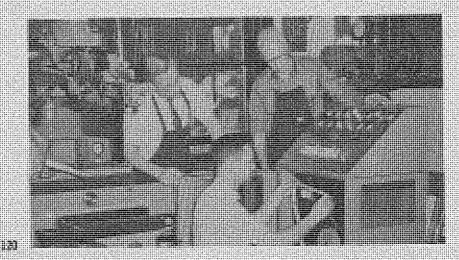
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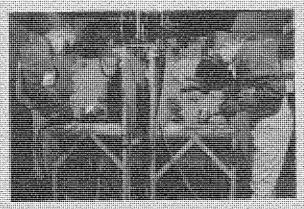
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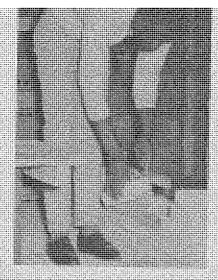
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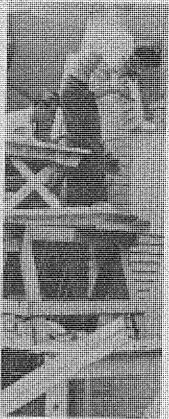
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114 The Constitution II (Spring) Property 177.24 Tlas andia

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191 - Augusta Asplan (Follo

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195 - Consposed Angles I (While) Penturis VI 38 Combinistics of action governors and advanced coduct frigonometry maching stacked as and a subject procedures been being angles and differ work. Procedurate Budgestein Tracked the 1840 of 640.

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177 Advanced Welster III (Fall)

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190 - Austennetten Serving I (Pall)

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III – kalenning liberakai Tangg (1611).

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196 - Patricere Maa Servicise († 146 maar)

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114 Car and the Burney Servicing 1 (Minney

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180 – Haelin Herriksey i Falli

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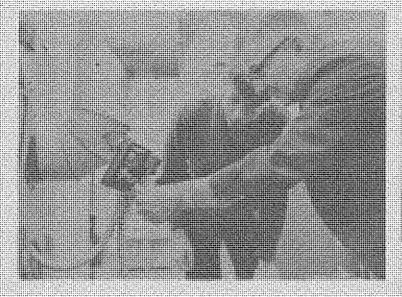
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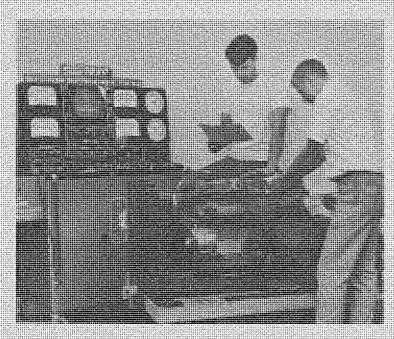
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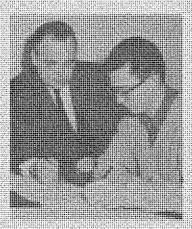
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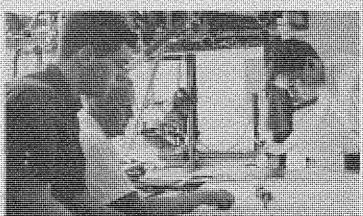
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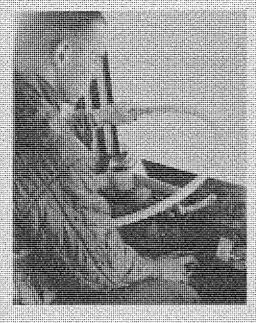
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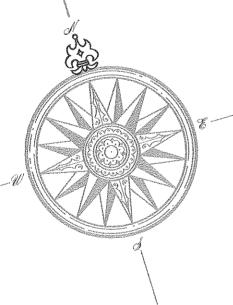
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ADMINISTRATION

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Albert C. Boyd Chairman



David L. Froh Vice-Chairman



David D. Diehl Secretary



Lee A. Trumble Treasurer





John H. Dart Trustee



Edward T. Hacker Trustee



James L. Reutter Trustee

Lansing Community College Board of Trustees

At a special election held December 15, 1964, voters adopted a proposal creating the Ingham County Community College District, with six trustees elected to serve for a period of two years. Meeting on January 6, 1965, the newly elected Board of Trustees resolved, "that the Ingham Community College Board of Trustees desires to enter into negotiations with the Lansing Board of Education concerning the orderly transfer of the operation and control of the institution now known as the Lansing Community College and to establish by July 1, 1965, the new area community college." At a subsequent meeting the Board agreed to retain the name of Lansing Community College.

Under the new tax base, greater than that previously determined by the Lansing School District, it became possible to provide more education and training programs for more people of all ages. Since the election of this first Board of Trustees, site planning has been completed for the 52-acre downtown campus; the new Health Careers-Liberal Arts and Sciences unit opened for students in the fall of 1968, the renovation of Old Central is complete; and student enrollment totaled 7,181 students in the fall of 1969.

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James Platte Chairman Learning Resource Center



Dean

College of Arts, Sciences

and Health Careers



Theman MoreClare Dean Special Projects and College Services



Gaorge Buplièue Dean College of Business



Wildum Browce Dean Gollege of Technology





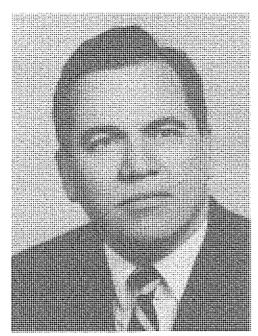
William Salaur Dean Student Personnel Services



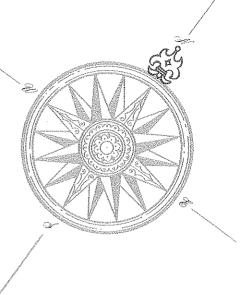
Brusse Neumann Controller



Frank Benedict Administrative Vice-President



Philip J. Gannon President



Faculty Directory





Faculty Directory Faculty Directory

ANDERSON, Genevra Counselor B.A., Michigan State University; M.A., Michigan State University.

ANDERSON, Joseph L. Chairman, Humanities A.B., Augustana College; B.D., Augustana Theology Seminary; S.T.M., Union Theology Seminary; Ph.D., Boston University.

ANDERSON, Raymond O. Registrar and Director of Admissions B.S., University of Michigan; M.A., University of Michigan; D.A.G.S., Michigan State University; Doctoral Candidate, Michigan State University.

ANSELMO, FeGaddi Assistant Professor, Social Science B.S., University of Santo Tomas; M.A., Michigan State University; Ph.D., Michigan State University.

ANTICO, John Associate Professor, Language Arts B.A., Wayne State University; M.A., Wayne State University; Graduate Study, Michigan State University.

ANTONIDES, Chris Instructor, Language Arts B.A., New York University; M.A., New York University; Graduate Study, Michigan State University.

ARGANIAN, David
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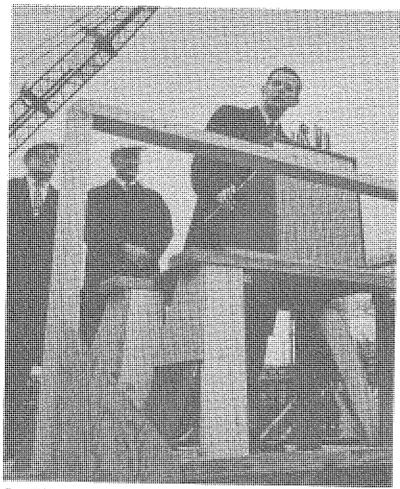
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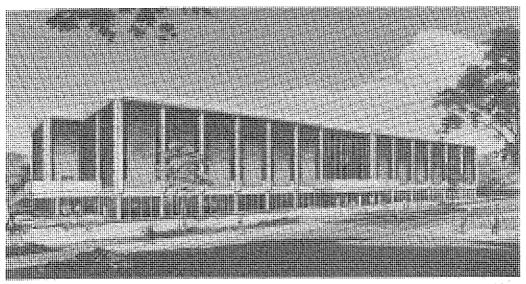
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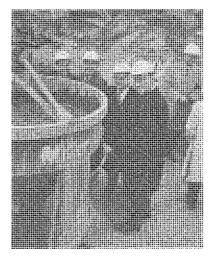
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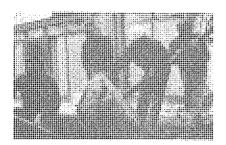


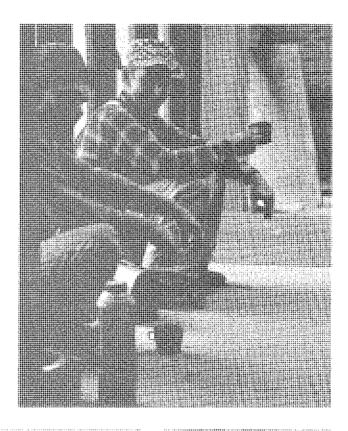
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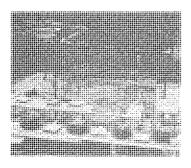
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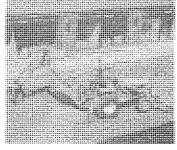
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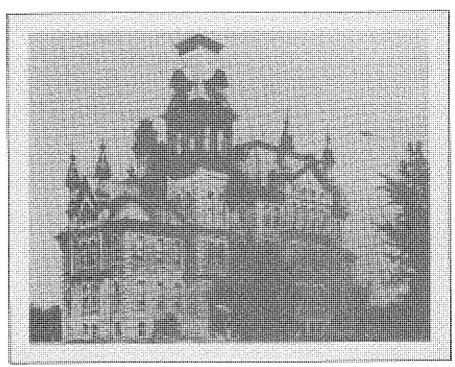












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