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# Rules and Regulations of the Faculty

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to  
September, 1969

# Officers and Standing Committees of the Faculty

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1969-70

Massachusetts Institute of Technology



# **Rules and Regulations of the Faculty**

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# **Officers and Standing Committees of the Faculty**

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**Officers and Standing Committees of the Faculty**

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# Rules of the Faculty

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Revised  
to  
September, 1969

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**1.10**

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**Membership**

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**1.11**

The Faculty shall consist of the Chairman of the Corporation; the President, the Vice Presidents, and the Provost of the Institute; all members of the instructing staff with rank of Professor, Associate Professor, or Assistant Professor; Professors Emeriti having part-time appointments; the Deans of the Schools of Engineering, Science, Architecture and Planning, Humanities and Social Science, and the Alfred P. Sloan School of Management; the Dean of the Graduate School; the Dean for Institute Relations; the Dean for Student Affairs; the Registrar; the Director of Admissions; the Director of Libraries; the Medical Director; the Director of Summer Session; certain members *ex officio* as listed in the General Catalogue of the Institute and certain Instructors and Research Associates selected by the Executive Committee of the Corporation.

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**1.20**

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**Officers**

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**1.21**

The officers of the Faculty shall be a President (the President of the Institute is *ex officio* President of the Faculty), a Chairman, a Secretary, and an Assistant Secretary.

**1.22**

In the absence of the President the Chairman of the Faculty shall preside at the Faculty meetings.

**1.23**

It shall be the duty of the Secretary:

To cooperate with the President in the general conduct of Faculty business.

To give written notice to each member of the time and place of each Faculty meeting and of the special business to be transacted. In the absence of the President and Chairman from a Faculty meeting, to call the meeting to order and to entertain the motion for a Chairman pro tempore.

To record the proceedings of each meeting and to circulate them to the entire Faculty with the call for the next meeting.

To place on file important communications relating to Faculty business, as well as all reports of committees.

To give to the chairman of each committee appointed by the Faculty notice of the personnel and purpose of such committee.

To notify students, in writing, of any Faculty action affecting them individually.

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**1.30**

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**Meetings**

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**1.31**

The regular meetings shall be held on the first Wednesday of the first term and on the third Wednesday of each month during the academic year unless this day falls in a vacation period, when it shall be held on the second Wednesday, the Tuesday preceding the opening of the second term, and the Tuesday preceding graduation. The stated May meeting shall be known as the Annual Meeting. Special meetings shall be held at such other times as the Faculty or the President shall appoint, or upon written request presented to the Secretary by any ten members.

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**1.40**

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**Quorum**

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**1.41**

Thirty members shall constitute a quorum.

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**1.50**

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**Elections**

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**1.51**

The Chairman, the Secretary and the Assistant Secretary of the Faculty and the new members in the elected membership of Standing Committees shall be elected each year at the annual meeting. New appointments to Standing Committees shall be made within one week after the annual meeting. No member of the Faculty shall serve continuously as Chairman of the Faculty for more than two years; other officers and committee members are eligible for re-election or reappointment. Except as otherwise specified, the Chairman of the Faculty shall appoint the Chairman of each Standing Committee from among its elected membership annually within one week after the annual meeting and at other times if a vacancy occurs. All terms of office shall begin on June 15.



**1.60****Faculty Council**

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**1.61**

The Faculty Council shall consist of the Chairman of the Corporation, the President, Vice Presidents, Provost, Chairman of the Faculty, Deans of the Schools of Engineering, Science, Architecture and Planning, Humanities and Social Science, and the Alfred P. Sloan School of Management, Dean of the Graduate School, Dean for Institute Relations, Dean for Student Affairs, Secretary of the Faculty, Undergraduate Planning Professor, Heads of Departments and Professional Courses, and such other Administrative Officers as the President shall include.

Meetings of the Faculty Council shall normally be held on the first Wednesday of each month from October to May and at such other times as the President shall appoint. It shall bring before the Faculty questions of educational policy and other business of sufficient importance to be considered by the entire Faculty.

**1.70****Committees**

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**1.71**

There shall be Standing Committees on the following: Graduate School Policy, Educational Policy, Curricula, Academic Performance, Undergraduate Admissions and Student Aid, Student Environment, Discipline, Nominations, Libraries, Industrial Liaison, and Outside Professional Activities. In addition, the Staff Section of the Staff-Administration Committee shall be a Standing Committee.

**1.72**

**The Committee on Graduate School Policy** shall consist of the Dean of the Graduate School as Chairman, the Associate Dean of the Graduate School as Secretary, the Executive Officer of the Graduate School, the Director of Admissions, and the Chairman of the Faculty, *ex officio*, together with one elected member from each of the Departments authorized to recommend candidates for an advanced degree and any additional elected members nominated by the President to represent fields of study recommended by the Dean of the Graduate School.

Each elected member shall serve for one year and shall be eligible for re-election.

Each member of this Committee representing a department shall be a member of the Committee on Graduate Students of that department. The Committee shall have charge of graduate courses of study and of students working for advanced degrees, and shall act with power upon applications for graduate scholarships and fellowships including post-doctorate fellowships. It shall report to the Faculty recommendations

on matters of policy requiring Faculty action and recommendations for the award of advanced degrees and the appointment of Fellows of the Massachusetts Institute of Technology.

**1.73**

**The Committee on Educational Policy** shall consist of the Chairman of the Faculty who shall be the Chairman of the Committee; of one Faculty member appointed by the Dean of each of the Schools of Engineering, Science, Architecture and Planning, Humanities and Social Science, and the Alfred P. Sloan School of Management; of one member appointed by the Dean of the Graduate School from among the members of the Committee on Graduate School Policy; of six members elected from the Faculty at large; of the Undergraduate Planning Professor; and of the Provost and Associate Provost *ex officio* non-voting. Three appointed members and three elected members shall be chosen each year for two-year terms.

Each appointed member representing a school shall serve as a liaison between the Committee on Educational Policy and that school and five of the elected members shall each be *ex officio* a voting member of one of the following Standing Committees: Curricula, Academic Performance, Undergraduate Admissions and Student Aid, Student Environment, and Discipline.

The Committee shall have the following duties and responsibilities:

**1.73.1**

Interpret and implement educational policy as approved by the Faculty, acting with power if unanimous.

**1.73.2**

Formulate proposals for changes and modifications in educational policy, either upon its own motion or after consideration of recommendations of other committees, and recommend them to the Faculty for action.

**1.73.3**

Coordinate the work of the following committees of the Faculty concerned with undergraduate education; the Standing Committees on Curricula, Academic Performance, Undergraduate Admissions and Student Aid, Student Environment, and Discipline; and consult with the Committee on Graduate School Policy on matters of graduate educational policy affecting the Institute at large.

**1.73.4**

Establish the manner in which the educational program is presented in official Institute publications, delegating to the other Standing Committees such parts of the responsibility as seems desirable.

**1.73.5**

Report at regular Faculty meetings, and on matters of general interest publish agenda and hold committee meetings open to the Faculty.

- 1.73.6** Meet periodically with the President, Academic Deans or others as designated by the President to enhance the interchange between the Faculty and the Administration on matters of educational policy.
- 1.73.7** Perform such other duties and responsibilities pertaining to undergraduate and graduate education as may be delegated to it by the Faculty.
- 1.73.8** Encourage experimental innovation in undergraduate education with authority to approve limited educational experiments and to grant exceptions to allow any experiment to depart from specific Faculty Regulations and M.I.T. administrative procedures, to seek appropriate advice about proposals from Standing Committees of the Faculty and from the departments concerned and to circulate to the Faculty descriptions of approved experiments and reports on their progress and outcome.
- a.** Any Faculty member, group of Faculty, department, or school may submit a proposed experiment to the Committee on Educational Policy.
  - b.** All proposals shall be "experimental" in nature. They shall not permanently circumvent standard regulations and administrative practices. Experiments that show enduring value should become incorporated in the usual ways into the Faculty Regulations and administrative practices.
  - c.** Student participation shall be under any restrictions or safeguards specified by the Committee on Educational Policy in granting approval.
- 1.74** Each of the following Committees, Curricula, Academic Performance, Undergraduate Admissions and Student Aid, Student Environment, and Discipline, shall, in addition to its specific duties as defined below, be responsible for (1) formulating and reviewing educational policies which apply to its work, (2) requesting any needed clarification of such policies from the Committee on Educational Policy, (3) recommending to the Committee on Educational Policy any changes of such policies which it deems to be advisable, and (4) performing such other duties as may be delegated to it by the Committee on Educational Policy.
- Each elected member of these Committees shall serve a three-year term, one-third of the elected membership being elected each year. At their discretion, the Committees may invite the participation of representatives of the student body.
- 1.74.1** **The Committee on Curricula** shall consist of six elected members, a voting member appointed biennially by and from the Committee on Educational Policy, the Undergraduate Planning Professor, and three non-voting members, namely the Associate Provost, the Registrar, and the Chairman of

the Freshman Advisory Council.

Upon its own initiative, or upon request, the Committee may propose policies relating to curricular matters, with the provisions that:

- a.** The Committee shall consider proposals for changes in the General Institute Requirements and make suitable recommendations to the Faculty.
- b.** The Committee shall act with power on proposals for Science Distribution and Laboratory subjects within the General Institute Requirements and the classification of Science Distribution subjects into fields and shall report such actions to the Faculty.
- c.** The Committee shall act with power for the Faculty on requests from individual students for exceptions to the General Institute Requirements.
- d.** The Committee shall act with power on proposals for changes in subjects of instruction and shall report all approved changes to the Faculty.
- e.** The Committee shall act with power on proposals for new curricula and changes in existing curricula, and shall report all approvals to the Faculty. Each department shall indicate whether the proposed curriculum shall lead to the degree Bachelor of Science in a specified field or to the degree "Bachelor of Science" without designation of field. In the case of the degree "Bachelor of Science" the graduate's record and transcript shall indicate the department recommending the degree.
- f.** Within the limitations of the General Institute Requirements the Faculty delegates to each department the authority to approve departures by individual students from approved course curricula. Individual programs which include major departures from an approved curriculum and a summary of all minor departures shall be reported to the Committee for each student during the term in which he is a degree candidate.

(1) It is the intent of the Faculty that students be permitted to depart from approved curricula, but that major departures be approved only for a well-prepared student whose proposed program, while different in coverage, is comparable to the established curricula in breadth, depth, and integrated approach to a well-defined educational objective. For this reason, it is intended that a student obtain departmental permission, between the end of the fourth and the start of the seventh semester, to embark on a program involving major departures from an approved curriculum. It is the further intent of the Faculty that the departmental authority to approve programs which include major departures not be delegated by the department to each Faculty Counselor, but that all such programs within a department be

approved for the department by a single member of the Faculty or by an appropriate department Faculty committee.

(2) It is suggested that "minor departures" be defined to include substitution for one subject, or substitution in kind for two subjects in an approved curriculum; and that "major departures" be defined to include substitutions not in kind, for more than one subject, or substitution for more than two subjects.

(3) Since major departures from approved curricula are designed to meet the exceptional needs of a small number of students, any department requesting such departures for more than a small fraction of its students will be requested by the Committee on Curricula to present for approval alternate curricula so that its approved curricula meet the needs of most of its students.

#### 1.74.2

**The Committee on Academic Performance** shall consist of six elected members, a voting member appointed biennially by and from the Committee on Educational Policy, and five non-voting members, namely the Dean for Student Affairs, the Registrar, the Director of the Medical Department, the Director of Student Aid, and the Chairman of the Freshman Advisory Council.

The Committee shall be concerned with the academic performance of undergraduates and shall make recommendations to the Faculty on such matters as minimum scholastic standards, examinations, and grading.

At the conclusion of each regular examination period, the Committee shall hold meetings with the Freshman Advisory Council, the second-year Faculty Counselors, the third-year Faculty Counselors, and the fourth-year Faculty Counselors, in order to review the academic records of undergraduate students and to take appropriate action in the name of the Faculty. The Secretary of the Faculty (or the Assistant Secretary as his deputy) shall serve as chairman of these special meetings and report the Committee's actions to the Faculty.

The Committee shall act with power on petitions from individual students relating to exceptions to established standards of academic performance, and on applications for readmission.

The Committee shall present to the Faculty its recommendations on candidates to be awarded Bachelor's degrees.

#### 1.74.3

**The Committee on Undergraduate Admissions and Student Aid** shall consist of the Director of Admissions, the Director of Student Aid, the Registrar,

six elected members, and a voting member appointed biennially by and from the Committee on Educational Policy. The Committee shall be concerned with policies on admission of all undergraduate students, including college transfers, except in cases of students applying for readmission, and with financial aid to students, including undergraduate scholarships, loans, and student employment.

**1.74.4**

**The Committee on Student Environment** shall consist of the Dean for Student Affairs, the Associate Dean for Student Affairs, six elected members, and a voting member appointed biennially by and from the Committee on Educational Policy. It shall be concerned with student life, especially with non-academic features which have a direct bearing on the education of the student as a citizen and a member of the Institute community.

**1.74.5**

**The Committee on Discipline** shall consist of the Dean for Student Affairs, six elected members of the Faculty, and a voting member appointed biennially by and from the Committee on Educational Policy. The Committee shall consider such cases of alleged misconduct as shall be brought to its attention by the Dean for Student Affairs. An accused student shall be given an opportunity to present himself in person at a meeting of the Committee. If the findings of the Committee include a recommendation that a student be required to withdraw from the Institute, the recommendation with the findings shall be reported to the President for approval or disapproval; otherwise, the Committee shall act with power.

**1.75**

**The Committee on Nominations** shall consist of six members appointed by the President, each member to serve for a three-year term. Two new members shall be appointed each year. The President shall designate the Chairman from among the membership. The Committee shall nominate the following officers of the Faculty: a Chairman, a Secretary, and an Assistant Secretary; and shall also nominate candidates for the elected membership of the Standing Committees. It shall circulate the list of nominees to all members of the Faculty not later than the April meeting of the Faculty. The Committee shall have power to fill any vacancies that may occur during the year, in the offices of Chairman, Secretary, and Assistant Secretary, and in the elected membership of the Standing Committees.

**1.76**

**The Committee on the Libraries** shall formulate policies for the administration of the Libraries. It shall consist of two parts: **(a)** an Executive Board and **(b)** an Advisory Board.

**a.** The Executive Board shall consist of eight members: two appointed by the President; the Director of Libraries and the Associate Director of Libraries; and four other members elected by the Faculty: The two *appointed* members shall serve for four years, one such being designated each

second year at the regular May Meeting of the Faculty. One of these two members may be an alumnus not necessarily a member of the Faculty. The four members *elected* by the Faculty shall serve four-year terms, one being nominated each year from the Advisory Board described below in (b). The Executive Board shall seek the advice of the Advisory Board on matters of policy but shall itself retain voting power. The Chairman of the Committee on the Libraries for the subsequent year shall be chosen by and from this Executive Board not later than one week subsequent to the regular May Meeting of the Faculty.

b. The Advisory Board of the Committee on the Libraries shall consist of one representative from each Institute department, not already represented on the Executive Board, nominated by the head of the department and serving an indefinite term. Vacancies in the Advisory Board arising from any cause (other than by election to the Executive Board) shall be filled by the corresponding department head.

1.77

**The Committee on Industrial Liaison** shall consist of six elected members, each of whom shall serve a three-year term. The Committee shall be concerned with the relationship of the activities of the Industrial Liaison Office to the activities of the members of the Faculty.

1.78

**The Committee on Outside Professional Activities** shall consist of five elected members, including the chairman. The Committee will keep itself informed of and will report periodically to the Faculty new problems of potential conflicts of interest and recommend appropriate modifications of policies and procedures to the Faculty.

The Committee will also consider any case of Faculty involvement in outside activities, present or proposed, which in its judgment raises questions of conflict of interest. The Faculty member concerned may request such consideration, but the Committee will also investigate on its own initiative or on request from other responsible sources. It will discuss the issues privately with the individual concerned with the objective of arriving at a satisfactory resolution of the problem. In the event that such discussion fails to resolve a situation the matter will be referred to the Faculty for final disposition either by the Committee or by the individual concerned.

Unless otherwise requested by the individual, or unless referred to the Faculty, all matters discussed by the Committee will be held in strict confidence.

1.79

**The Staff Section of the Committee on Staff-Administration** shall consist of six Faculty members and one non-Faculty member with the rank of Instructor. Each member with Faculty rank shall serve a three-year term,

two such members being elected each year. In making nominations for the members of Faculty rank, the Committee on Nominations shall be guided by the principle that it is desirable to have two members of each of the three professional ranks on the Staff Section. The member with rank of Instructor shall serve for a term of one year. Each year before the regular May meeting of the Faculty, the election of the member with rank of Instructor shall take place; this election shall be conducted by the Committee on Nominations, votes being cast by non-Faculty members of the staff with rank of Instructor, on a ballot prepared by the Committee on Nominations. The Staff Section shall join with the Administration Section to form the Committee on Staff-Administration. This Committee shall consider problems involving relationships between Administration and Staff.

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**1.80**

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**Suspension of Rules**

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**1.81**

Any rule may be suspended temporarily by an affirmative vote of three-fifths of the members present and voting, but at least thirty affirmative votes shall be required.

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**1.90**

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**Amendment of Rules**

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**1.91**

A motion to amend these rules shall lie upon the table at least until the next Faculty meeting after its introduction, and final action shall not be taken unless the subject has been announced in the call for the meeting. For affirmative action on any amendment, an affirmative vote of three-fifths of the Faculty members present, but not less than thirty affirmative votes, shall be required.



Revised to September, 1969

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**2.10****Calendar**

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**2.11**

The academic year shall begin on the Monday prior to the last Monday in September and shall be divided into two terms of approximately ninety working days each, with a period of three weeks between the terms set aside for first-term examinations. The first day of each term shall be used for approval of registration. Graduation exercises shall be held in June on the Friday three weeks after the last exercises of the spring term.

The exercises of the Institute shall be suspended on legal holidays and during the following vacation periods: *Christmas* – from the Saturday before Christmas to the Sunday after New Year's Day, inclusive, except when Christmas falls on Sunday or Monday when the period shall be from the Thursday before Christmas to the Tuesday after New Year's Day, inclusive; *Spring* – the week following the seventh week of the second term.

Exercises shall, in general, be held between 9 a.m. and 5 p.m. Monday through Friday, and 9 a.m. to 1 p.m. on Saturday.

Exercises shall begin five minutes after and end five minutes before the hour.

**2.11.1**

It is the intent of the Faculty that for undergraduate subjects there shall be no required academic exercises between 5 p.m. and 7 p.m. Monday through Friday and between 1 p.m. Saturday and 8 a.m. Monday, except during stated examination periods. Exceptions may be made with the concurrence of the Committee on Academic Performance.

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**2.20****Requirements for Admission**

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**2.21**

To be admitted to the first-year class, the applicant must be of good character and must satisfactorily pass examinations or be certified, under

regulations approved by the Faculty, in Algebra, Plane Geometry, Trigonometry, Physics, Chemistry, and English. He must also present satisfactory certificates for elective subjects as prescribed by the Faculty. Additional tests may be prescribed by the Committee on Undergraduate Admissions and Student Aid.

**2.22** Students transferring from colleges or technological schools are required to present satisfactory certificates of dismissal. They may be admitted to the Institute without entrance examinations, subject to presenting satisfactory certificates for the entrance subjects required, and allowed to take those subjects for which they shall satisfy the Director of Admissions, by examination or otherwise, that they have the necessary preparation.

**2.23** On approval of the Director of Admissions, special students may be admitted to particular subjects on satisfying the members of the Faculty in charge that they are qualified to pursue to advantage the various subjects chosen.

**2.24** An applicant for one of the graduate degrees, Bachelor in Architecture, Master, Engineer, or Doctor, enumerated in Regulation 2.81, must, except in cases of unusual attainments, have taken his first degree in a school, college, or university of good standing. With his application for admission to the Graduate School he must file with the Secretary of the Committee on Graduate School Policy a statement of his previous work and present attainments and the program of advanced work which he intends to do at the Institute. His credentials and proposed course of study shall be passed upon by the Committee on Graduate School Policy and must be approved by the student's Registration Officer and the Committee on Graduate Students of the department in which he is to be enrolled or by a special interdepartmental committee appointed by the Dean of the Graduate School to supervise his program if it is in a field which lies between or in two or more departments.

Only those applicants for advanced degrees shall be accepted whose attainments, as shown by their previous records of scholarship or by other information, indicate that their proposed courses of study and research can be creditably pursued.

**2.30** **Curricula**

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**2.31** In curricula leading to the Bachelor of Science degree, the total number of units required for graduation shall be not less than 360 nor more than 385. For members of classes that entered prior to July, 1966, in curricula leading to the undergraduate Bachelor in Architecture degree, the total number of

units required for graduation shall be not less than 450 nor more than 480. One unit represents one hour per week of lecture, exercise, or preparation for one term.

No instructor shall require more outside work than can be satisfactorily performed under ordinary working conditions in the preparation time assigned to his subject by students of average capacity, adequate preparation, and reasonably good habits of work; and, in order that this rule may be practically enforced, each instructor is expected from time to time to ascertain the amount of outside preparation actually given to each of his subjects by students whose work is of passing grade.

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**2.40**

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**Registration**

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**2.41**

Before the opening of each term the student shall register for the course and subjects he wishes to take. After the approval of his registration, the student must attend the subjects for which he is registered. Changes in registration may be made only with the approval of his Faculty Counselor or Registration Officer. After thirteen weeks, registration in any subject may not be cancelled by an undergraduate without the additional approval of the Committee on Academic Performance.

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**2.50**

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**Examinations**

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**2.51**

Final examinations shall be held during the final examination period following each term. A reading period of three days in length, Sundays excepted, shall be held immediately before each final examination period.

No final examination shall be given in any First Year Elective subject. Any single examination shall be limited to not over three hours.

The Dean for Student Affairs in the case of an undergraduate student, or the Dean of the Graduate School in the case of a graduate student, may excuse a student from a scheduled final examination for reasons of illness or significant personal problems by issuing the grade of OX. An instructor in charge of a subject may excuse a student from a final examination which has been postponed for reasons other than excuse by the Dean, such as conflicts between examinations or with religious holidays, if a mutually satisfactory agreement can be reached between the student and the instructor, if the agreement is ratified in advance of this examination by the head of the department in which the subject is offered, and if the instructor is prepared to submit a grade based on other evidence.

For each subject in which a final examination is given during the prescribed period, no written examinations or quizzes shall be given during the three days, Sundays excepted, preceding the reading period. For each subject in which no final examination is given during the prescribed examination period, no more than one written exercise of not more than one hour (one class period in the case of laboratory or design subjects) shall be given during the three days, Sundays excepted, preceding the reading period.

No examinations in regularly scheduled subjects shall be given during the reading period. Term papers may fall due and oral presentations may be given in the first two days of the reading period in subjects not having regularly scheduled examinations. No other assignments shall be scheduled to be submitted during the reading period.

**2.52**

Examinations for Advanced Standing. Undergraduate students of outstanding ability may take examinations for advanced standing during the scheduled examination periods, provided that they have never been registered for or attended class in the subject concerned. Notice of intention must be filed with the Registrar and must be submitted at least three weeks before the day of the first scheduled examination of the examination period. Endorsement by the member of the Faculty in charge is required in all subjects which involve laboratory instruction or design. A passing grade entitles a student to full credit for the subject.

**2.60**

### **Grades**

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**2.61**

Grades shall be submitted at the end of each term in all subjects given in the term, including thesis. Each report of grades shall be endorsed by the instructor in charge of the subject. No grade shall be reported by an instructor for any student to whom he has given private instruction in the subject in question, nor shall any examination be given by an instructor in any subject to students to whom he has given private instruction. No grades, except first-year informal grades, shall be reported by any instructor to any student until after his report has been sent out by the Registrar. Informal grades may be submitted for first-year students at such times as the Committee on Academic Performance shall determine.

The grades described below are not rigidly related to any numerical percentages.

The grades to be used for students other than freshmen are:

A, passed with honor.

B, passed with credit.

C, passed.

D, barely passed.

F, failed. This grade signifies that the student must repeat the subject to receive credit.

J, grade in the same subject in a later term also covers this term. It may be used only for research or thesis work, or for seminars of graduate grade.

N, subject passed, but formal grade is not assigned. (To be used for undergraduate subjects only in cases designated by the Committee on Academic Performance.) When used, this grade must be given to all students who satisfactorily complete the subject.

I, incomplete. The work required has not been completed. The grade of I indicates that a minor part of a specific requirement, such as a report or design or laboratory assignment, has not been completed and that a passing grade in the subject is to be expected when the work is completed. If the work is not completed within the time specified below, the student must register for and repeat the subject in order to receive credit.

I, in lecture or recitation subjects. Work must be completed not later than the end of the fifth week of the succeeding term of the regular academic year.

I, in design and in the Electrical Engineering Laboratory subjects. Work must be completed not later than the end of the academic term succeeding the one in which it was received.

I, in laboratory work, except the Electrical Engineering Laboratory subjects. Work must be completed within one year from the date incurred.

O, absent. Grade indicates absence from final examination or absence during the last two weeks of the term or both, when the record of the student throughout the term was passing. It is equivalent to a grade of F. An unsatisfactory record because of absence throughout the term should be recorded as F.

OX, absence satisfactorily explained to and excused by the Dean for Student Affairs in the case of an undergraduate student or by the Dean of the Graduate School in the case of a graduate student. The instructor in charge of the subject will be notified when this grade is issued. The

instructor then may, if the evidence warrants, issue a final grade without requiring a postponed final examination.

Beginning in the first term of 1968-69, and continuing for a trial period of four academic years, the only grades recorded by the Registrar for freshman students shall be N, subject passed; F, subject failed; or the temporary grades of I, incomplete; O, absent; or OX, absence satisfactorily explained, as described above.

At the middle and end of each term, each freshman student shall prepare an evaluation of his work and achievement in each subject and submit it to his instructor on a form provided. The instructor shall in turn write his evaluation. Both shall be delivered to the student and to the student's Freshman advisor.

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**2.70****Theses**

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**2.71**

The general requirements for the format of written theses shall be prescribed and published by the Committee on Graduate School Policy for graduate theses, and by the Committee on Educational Policy for undergraduate theses or projects.

The original and one copy of each thesis or project shall be delivered to the office of the headquarters of the department or course in which the candidate is registered as follows: for June, September, or February Bachelor's, Master's, and Engineer degree candidates not later than one week before the first day of the regular examination period; and for candidates for the Doctorate not later than two weeks before the first day of the regular examination period. Additional copies shall be delivered as required by the department.

All graduate theses shall be deposited in the Archives. The several departments and courses shall transmit the original and one copy of these theses to the Institute Archivist not later than one month after the end of the term in which the thesis was accepted. Undergraduate theses which in the judgment of the department or course represent a significant contribution shall be deposited in the Archives.

A thesis or project is the permanent property of the Institute and shall not be published wholly or in part except by authorization of the head of the department or course in which the student was registered when the thesis was accepted.

## 2.81

The degrees for which candidates may be recommended to the Corporation shall be Bachelor of Science (S.B.), Bachelor in Architecture (B.Arch.), Master of Science (S.M.), Master in Architecture (M.Arch.), Master in City Planning (M.C.P.), Building Engineer (Bldg.E.), Chemical Engineer (Chem.E.), Civil Engineer (C.E.), Electrical Engineer (E.E.), Engineer in Aeronautics and Astronautics (E.A.A.), Marine Mechanical Engineer (Mar.Mech.E.), Materials Engineer (Mat.E.), Mechanical Engineer (Mech.E.), Metallurgical Engineer (Met.E.), Mineral Engineer (Min.E.), Naval Architect (Nav.Arch.), Naval Engineer (Nav.E.), Nuclear Engineer (Nucl.E.), Ocean Engineer (Ocean E.), Sanitary Engineer (San.E.), Doctor of Philosophy (Ph.D.), and Doctor of Science (Sc.D.).

## 2.82

To be recommended for the degree of Bachelor of Science or, until 1970, for the undergraduate degree of Bachelor in Architecture, a student must have attended the Institute not less than one academic year, which ordinarily must be the year of his graduation. He must have completed satisfactorily a program of study approved in accordance with the Rules and Regulations of the Faculty.

The General Institute Requirements for the degree of Bachelor of Science are the successful completion of the following: 5.01 or 5.41 or 5.60 or 3.091, 8.01 or 8.011, 8.02 or 8.021, 18.01 or 18.011, 18.02 or 18.021 (each of the preceding being 12 units), and, as voted by the Faculty, Science Distribution subjects in at least three different fields totaling 36 units, 12 units of Laboratory, the Humanities and Social Sciences requirements totaling 72 units<sup>1</sup>, the Physical Education requirement, and a total of at least 360 units, excluding advanced Army R.O.T.C.

Departmental requirements shall permit the student so to schedule his second year that he can complete the Science Distribution, Laboratory, and second-year Humanities requirements within a normal load of 90 to 96 units; and at least 42 of these units shall not be restricted by the department. All approved Course Curricula for the degree of Bachelor of Science shall make possible at least 12 units of unrestricted elective time in the freshman year and a total of at least 24 units in the junior and senior years.

In accordance with the authority granted to them by Faculty Rule **1.74.1(f)** and Faculty Regulation **2.31**, the individual departments shall exert strong efforts to make it possible for students who have not taken the appropriate departmentally prescribed subjects during their freshman and sophomore years to complete their degree requirements in a normal four-year period.

<sup>1</sup>Sixty-eight units are required for classes entering prior to July, 1969.

For members of the class that entered in September, 1965, the General Institute Requirements for the undergraduate degree of Bachelor in Architecture are the successful completion of the following: 8.01 (12), 8.02 (12), 18.01 (12), 18.02 (12), 21.01 (9), 21.02 (9), 21.03T (9) or 21.031 (9) or 21.04T (9), 21.05T (9) or 21.06T (9) or 17.01T (9), and, as voted by the Faculty, Science Distribution subjects (12 units), 12 units of Laboratory, the upperclass Humanities and Social Sciences requirements (32 units), the Physical Education requirement, and a total of at least 450 units, excluding advanced Army R.O.T.C. The degree of Bachelor in Architecture will no longer be offered as an undergraduate degree to members of classes that entered after July, 1966.

Departmental requirements shall permit the student so to schedule his second year that he can complete the Science Distribution, Laboratory, and second-year Humanities requirements within a normal load of 90 to 96 units; and at least 42 of these units shall not be restricted by the department. The approved Course Curriculum for the undergraduate degree of Bachelor in Architecture shall make possible at least 12 units of unrestricted elective time in the freshman year and a total of at least 24 units beyond the sophomore year.

- 2.82.1** The Committee on Curricula shall specify which subjects may be used to satisfy the Laboratory requirement and the Science Distribution requirement. Only subjects with prerequisites such that the subjects can be taken by freshmen or sophomores are eligible for this purpose; except that the Committee on Curricula is authorized to specify other laboratory subjects which may be used to satisfy the Laboratory requirement.
- 2.82.2** The Committee on Curricula shall divide the Science Distribution subjects into not less than six separate fields.
- 2.82.3** It is the intent of the Faculty that students shall satisfy a portion of the Laboratory requirement during the first two years. It is the further intent of the Faculty that the 12 units of Laboratory requirement be met by one subject of 12 units, or parts of two subjects totaling 12 units, so that the Laboratory subjects will call for a major commitment of the student's attention; and, further, that the approved Laboratory subjects emphasize as much as possible work of project type rather than experimental exercises.
- 2.82.4** It is the intent of the Faculty that students may use the 12 unrestricted elective units guaranteed to them in the freshman year by enrolling in any subject for which they are properly qualified and for which credit is offered. For example: subjects expressly designed for this purpose; foreign language subjects for which the student is qualified; upperclass electives in humanities without prerequisites; or upperclass electives for which the student has



sufficient preparation to justify the waiving of the prerequisites by the instructor in charge.

**2.83**

To be recommended for the graduate degree of Bachelor in Architecture, Master of Science, Master in Architecture, or Master in City Planning, a student must not only have a clear record in an approved program of graduate study and research, but his scholastic standing as shown by his cumulative record must be of a distinctly high grade. For the graduate degree of Bachelor in Architecture the student must have completed satisfactorily a program of study of at least 164 units, of which 96 units shall be A subjects, and a thesis, both acceptable to the Department of Architecture. For the degree of Master of Science, Master in Architecture, or Master in City Planning the student must have completed satisfactorily a program of study of at least 66 units, of which 42 units shall be A subjects, and a thesis, both acceptable to the department in which he is enrolled. If 34 units of A subjects and the thesis are in a single field, as determined by a Departmental Committee on Graduate Students, the degree will be recommended with specification of the field in which the student has thus specialized; otherwise, the degree will be recommended without specification.

Any Departmental Committee on Graduate Students may accept, in lieu of the thesis required for the degree of Master of Science, with or without specification, a record of satisfactory performance in equivalent work taken at the School of Chemical Engineering Practice.

**2.84**

To be recommended for one of the Engineer degrees listed in Regulation 2.81, a student must have completed with high scholastic standing a program of at least 162 units of advanced study and a thesis, both acceptable to the department of the School of Engineering in which the student is enrolled.

**2.85**

The degrees, Doctor of Philosophy and Doctor of Science, awarded in some branch of science or engineering, and the degree, Doctor of Philosophy, awarded in the field of city and regional planning, of economics, of political science, of industrial management, of linguistics, of psychology, or of philosophy certify to the creditable completion of an advanced course of study in the branch or field concerned, and to the performance of an original research of high grade on some topic relevant to that branch or field.

The course of advanced study and research leading to one of these degrees must be pursued under the direction of the Committee on Graduate School Policy for at least two academic years, except in the case of applicants who satisfy the Committee that they have successfully accomplished at another institution advanced work of a grade equal to that required at the Institute, in which case the required period of residence may be reduced.

**2.90****Discipline**

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**2.91**

It is the duty of the instructor in charge of a room to see that order is preserved and he is authorized to exclude any student from the room for sufficient cause. Such exclusion shall be reported to the Dean for Student Affairs.

Students are expected to behave with decorum, to obey the regulations of the Institute, and to pay due respect to its officers. Conduct inconsistent with general good order or persistent neglect of work may be followed by dismissal. If the offense is a less serious one, the student may be placed on probation.

It is the aim of the Faculty so to administer the discipline of the school as to maintain a high standard of integrity and a scrupulous regard for the truth. The attempt of any student to present as his own the work of another, or any work which he has not honestly performed, or to pass any examination by improper means is regarded by the Faculty as a most serious offense, and renders the offender liable to immediate expulsion. The aiding and abetting of a student in any dishonesty is likewise held to be a grave breach of discipline.

No student shall be required to withdraw from the Institute for alleged academic misconduct without an investigation and an opportunity to be heard by the Committee on Discipline.

**2.100****Amendment of Regulations**

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**2.101**

Any regulation may be amended at any regular or special meeting by an affirmative vote of three-fifths of the members present and voting, but not less than thirty affirmative votes, provided the proposed amendment has been announced on the call for the meeting.

# Officers and Standing Committees of the Faculty

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1969-70

## Officers

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Howard Wesley Johnson, LL.D., D.H.L., Sc.D.  
President

William Ted Martin, Ph.D.  
Chairman of the Faculty

Edward Neal Hartley, A.M.  
Secretary of the Faculty

Prescott Arthur Smith, S.B.  
Assistant Secretary of the Faculty

## **Standing Committees of the Faculty**

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The dates to the right indicate the years in which the terms of appointment expire.

### **Academic Performance**

Campbell L. Searle Chairman	1971
Dean for Student Affairs*	
Registrar*	
Medical Director*	
Director of Student Aid*	
Chairman of the Freshman Advisory Council*	
Merton C. Flemings	1970
D. Quinn Mills	1970
William R. Moore	1971
Ernest G. Cravalho	1972
W. Gilbert Strang	1972
Frederick J. McGarry**	
Prescott A. Smith Executive Officer	

### **Curricula**

Edward B. Roberts Chairman	1971
Associate Provost*	
Registrar*	
Chairman of the Freshman Advisory Council*	
Undergraduate Planning Professor*	

\*Ex officio

\*\*Appointed from the Committee on Educational Policy

Theodore R. Madden	1970
Harvey M. Sapolsky	1970
Lisa A. Steiner	1970
Richard L. deNeufville	1972
Peter Elias	1972
Kent F. Hansen**	

### **Discipline**

Roy Lamson Chairman	1971
Dean for Student Affairs*	
Louis S. Osborne	1970
David J. Sellmyer	1970
Abraham J. Siegel	1970
Elias P. Gyftopoulos	1972
Thomas B. Sheridan	1972
Roy Kaplow**	

### **Educational Policy**

William T. Martin* Chairman	
Provost*	
Associate Provost*	
Undergraduate Planning Professor*	
Richard L. Cartwright	1970
Richard M. Held	1970
Vernon M. Ingram	1970
Roy Kaplow	1970
Frederick J. McGarry	1970

\*Ex officio

\*\*Appointed from the Committee on Educational Policy

Franco Modigliani	1970
Franklin M. Fisher	1971
Frederick W. Frey	1971
Robert G. Gallagher	1971
Leon B. Groisser	1971
Kent F. Hansen	1971
Marcus Karel	1971

### **Graduate School Policy**

Dean of the Graduate School\*  
Chairman

Associate Dean of the Graduate School\*  
Secretary

Assistant Dean of the Graduate School\*  
Executive Officer of the Graduate School\*  
Director of Admissions\*  
Chairman of the Faculty\*

James M. Austin  
Judson R. Baron  
Glenn A. Berchtold  
Richard L. Cartwright  
Peter S. Eagleson  
Richard S. Eckaus  
J. Harvey Evans  
Aaron Fleischer  
Kenneth L. Hale  
Francis B. Hildebrand  
George F. Koster  
Salvador E. Luria  
Paul W. MacAvoy  
Theodore R. Madden

\*Ex officio

Lucian W. Pye  
Norman C. Rasmussen  
Whitman A. Richards  
Warren M. Rohsenow  
Kenneth C. Russell  
Campbell L. Searle  
Glenn C. Williams  
Gerald N. Wogan  
Waclaw P. Zalewski

### **Industrial Liaison**

Edward A. Mason Chairman	1970
Theodore H. Pian	1970
Dwight M.B. Baumann	1971
Herbert H. Woodson	1971
Donald C. Carroll	1972
Nicholas P. Negroponte	1972

### **Libraries**

<i>Executive Board:</i> Charles Kingsley, Jr. Chairman	1970
Director of Libraries*	
Associate Director of Libraries*	
Gene Monte Brown***	1971
Myron Weiner	1971
Bruce Mazlish	1972
C. Gardner Swain	1973

\*Ex officio

\*\*\*Presidential appointment

*Advisory Board:*  
Michael B. Bever  
William F. Bottiglia  
Herbert S. Bridge  
Franklyn M. Clikeman  
Albert G. Dietz  
Evsey D. Domar  
Lawrence B. Evans  
Robert M. Fogelson  
Eugene Goodheart  
Raymond H. Grenier  
Sigurdur Helgason  
Daniel M. Holland  
Norman Jones  
Robert D. Logcher  
Harold O. McEachern  
Norman A. Phillips  
William H. Pinson, Jr.  
Leland E. Prentice  
Ronald F. Probst  
Harold Y. Wachman  
Wayne A. Wickelgren  
George Wolf

**Nominations\*\*\***

Hartley Rogers, Jr. Chairman	1970
Jay W. Forrester	1970
Arthur T. Ippen	1970
Eugene Bell	1971
Charles P. Kindleberger	1971
Robert L. Halfman	1972

\*\*\*Presidential appointment



### Outside Professional Activities

Thomas M. Hill Chairman	1972
Peter T. Demos	1970
J. Francis Reintjes	1971
Warren M. Rohsenow	1971
Robley D. Evans	1972

### Staff – Administration

#### *Staff:*

James A. Fay Chairman	1970
Lawrence J. Corwin	1970
J. Edward Vivian	1970
David N. Ness	1971
Michael J. Piore	1971
J. Harvey Evans	1972
Robert J. Kolenkow	1972

#### *Administration:\*\*\**

Robert A. Alberty  
Raymond L. Bisplinghoff  
Malcolm G. Kispert  
William F. Pounds  
Jack P. Ruina  
Joseph J. Snyder

\*\*\*Presidential appointment

### **Student Environment**

Roy E. Feldman Chairman	1971
Dean for Student Affairs*	
Associate Dean for Student Affairs*	
John C. Graves	1970
Alan M. Hershdorfer	1970
Alvin W. Drake	1971
Martin Deutsch	1972
Sheila E. Widnall	1972
Richard M. Held**	

### **Undergraduate Admissions and Student Aid**

Anthony P. French Chairman	1970
Director of Admissions*	
Director of Student Aid*	
Registrar*	
Richard B. Adler	1970
Robert J. Silbey	1971
George E. Valley, Jr.	1971
Arthur D. Kaledin	1972
Leon Trilling	1972
Frederick W. Frey**	

\*Ex officio

\*\*Appointed from the Committee on Educational Policy



MISS ELEANOR L BARTLETT

ROOM 14N-132