

# ***courses of instruction***

This section provides descriptions of courses of instruction offered by the University at the undergraduate, graduate, and professional levels. The departments and schools, which offer the courses, are arranged in alphabetical order. The courses in each are preceded by the names of faculty members with the rank of assistant professor, associate professor, and professor in that department or school. The † preceding names signifies members of the graduate faculty who function in an advisory capacity.



- |          |       |  |              |
|----------|-------|--|--------------|
| <b>A</b> | 631†* | <b>Structural Design V</b><br>W, Sp. 3 cl., 2 2-hr labs.<br>Prereq.: 673, Engr. Mech. 605<br>or 3rd yr. standing.<br>Not for credit to students majoring in Civil<br>Engr. | <b>U G 5</b> |
| <b>B</b> |       |  |              |
| <b>C</b> |       | Basic theory and design of reinforced concrete structures. Tilton.   |              |

## EXPLANATION OF COURSE LISTINGS

- A** The material in bold type includes  
The course number: **631**  
A dagger—denoting that the course will not be offered this year: †  
An asterisk—indicating that the course is offered every other year: \*
- The course title: **Structural Design V**  
The instructional level: **U G**  
U = Undergraduate  
U G = Advanced Undergraduate and Graduate  
G = Graduate  
P = Professional (for professional students enrolled in that particular school only)  
Credit hours: **5**
- B** The material in italics includes  
quarters of offering: *W, Sp.*
- ☐ *Su* = Summer      *W* = Winter  
*A* = Autumn      *Sp* = Spring
- Summer Quarter is further divided into 1st Term and 2nd Term. See the University Calendar on the inside back cover for dates. Lack of staff or low student enrollment may preclude offering a course, particularly at the advanced level, every quarter for which it is authorized.
- ☐ **Classroom and laboratory hours:** *3-cl.: 2-hr. labs.* In the illustration above, the 5 hours of credit are earned through satisfactory completion of courses work which involves attending class 3 days a week and attending 2 2-hr laboratory periods.

- Prerequisites:** 673, Engr. Mech. 605 or 3rd yr. standing.

The course number(s) or other information indicate the preparation or classification prerequisite to enrollment in the course. If no department name is listed, the course number refers to the course within the same department. The prerequisite may be satisfied by the course or courses indicated or equivalent background. If a class standing such as "3rd year standing" is listed, only students with that or higher class level are eligible for enrollment. The school or department office should be consulted in cases of question as to eligibility for taking the course.

- ☐ Additional information affecting a student's enrollment in a course: Not for credit to students majoring in Civil Engr.
- ☒ A brief description of the course: Basic theory and design of reinforced concrete structures.  
Instructor's name: Tilton

## GENERAL PREREQUISITES

The abbreviated description of courses offered by the University follow in alphabetical order. The prerequisites of each course are a part of the descriptive material.

The system of numbering courses at The Ohio State University is limited to a 300 through 999 series in each course area, which breaks down in the following manner:

- Below 500: 1. Primarily designed for freshmen and sophomores.
2. Do not carry credit for graduate students.
- 500 to 599: 1. Not open to freshmen.
2. Do not carry credit for graduate students.
- 600 through 799: 1. Designed for juniors, seniors, and graduate students.
2. Prerequisites which amount to 20 quarter hours in the same or allied subjects. A minimum of at least 10 quarter hours must be in the same subject
- or
- 30 quarter hours in not more than two allied subjects.
3. Consent of Dean of the Graduate School needed for freshmen and sophomores.
- 800 and above: 1. Open only for graduate students.
2. Prerequisite which amounts to 30 quarter hours in the same and allied subjects, of which 15 quarter hours must be in the same subject.

Special prerequisites as stated in the description of courses must be included with these requirements.