THE BREVARD ENGINEERING COLLEGE

EVENING SCHOOL OF ENGINEERING
AND BUSINESS ADMINISTRATION
THE BREVARD ENGINEERING COLLEGE

The Brevard Engineering College was established as a non-profit community undertaking to satisfy the demand for a coordinated and directed evening college of engineering and business administration. As a practical matter the curricula are initially limited to a three-year program of study leading to the Associate Degree in either electrical engineering, mechanical engineering or business administration. Also, graduate courses are offered on demand in science, engineering and business management.

All of those associated with the college are regularly daytime employed as scientists, engineers or administrators; each is expert in his own particular field and it is this expertise and experience that is brought into the classroom in the evening. There are very few colleges that can boast of such depth of experience in their teaching staff.

The courses of study are identical to those offered by most of the large engineering business administration colleges and college credits will be given for all courses successfully completed. Enrollment in the college is open to any mature person with a seriousness of purpose, regardless of educational background, who has the desire and capacity to successfully pursue studies in engineering or business administration.
ARRANGEMENT OF CLASSES

The normal school year consists of three terms extending throughout the calendar year. The first and second terms start in September and February, respectively, each having sixteen full weeks of class instruction exclusive of examination periods or holidays. Classes meet on Monday, Wednesday, and Friday evenings from 7:00 to 10:00 P.M. Recitation sessions are divided into two periods of 90 minutes each, giving a total of six periods per week. Each subject occupies two periods per week, on different evenings.

Details of the third term (summer) 1969 will be announced later.

CLASSROOMS

During the first and second terms, the classrooms will be located at the Eau Gallie Junior High School, Eau Gallie, Florida.

REQUIREMENTS FOR ADMISSION

An applicant must be at least 17 years of age and must satisfy the College that he possesses the essential qualifications for effective pursuit of the courses of study he desires to enter. However, it must be recognized that all courses will be on College level. Credit for work previously done may be secured when the applicant shows by oral or written examination, or both, or by transcript from a recognized educational institution that he has had previous training or experience equivalent in full to the work given at the College.

In general, experience indicates that the best interests of the student are not served by granting advanced standing unless he is exceptionally well grounded, particularly in mathematics and physics.

REGISTRATION

A pre-registration will be held during the week of July 7th through July 11th, at the University of Melbourne Campus, Country Club Road, Melbourne, between 7 and 9 P.M. Members of the faculty of the College will be on hand for personal interviews and discussion of transfer credits.

A final registration will be held on September 15th to 19th. Last date for registration will be September 22, 1968.

SPLIT SCHEDULES

Students may split their work among different years of the curriculum as best fits their entrance qualifications, subject to conflicts in classroom hours.

GRADUATE COURSES

Subject to sufficient enrollment, the college will offer instruction at the graduate level in the fields of mathematics, engineering, the sciences, and business administration. Details of these courses will be announced later.

SPECIAL STUDENTS

Students who are not candidates for the Associate Degree Program may take such part of the work as they desire, provided they are qualified to undertake the courses chosen. Such students are classified as Special Students.
ASSOCIATE DEGREE IN ELECTRICAL ENGINEERING

FIRST YEAR

First Term
- Introductory Algebra (M1)
- Chemistry I (C1)
- Eng. Drawing I (D1)

Second Term
- College Algebra (M2)
- Chemistry II (C2)
- Eng. Drawing II (D2)

Third Term
- College Algebra II (M3)
- Trigonometry (M4)
- Chemistry Lab. (C3)

SECOND YEAR

First Term
- Calculus I (M6)
- Physics I (P1)
- Introduction to Elec. Eng. (E32)

Second Term
- Calculus II (M7)
- Physics II (P2)
- Elementary Electronics (E22)

Third Term
- Physics Lab. I (PL1)
- Physics Lab. II (PL2)
- Descriptive Geometry (D52)

THIRD YEAR

First Term
- Calculus III (M8)
- Elec. Circuits I (E25)
- Electronics I (E33)

Second Term
- Diff. Equations (M9)
- Elec. Circuits II (E26)
- Electronics II (E44)

Third Term
- Electronics Lab. (EL1)
- Electronics Lab. II (EL2)
- Spec. & Reports (E1)

REFUNDS
No fees will be returned to students leaving the college for any cause save that of illness, military service, or Company transfer. In such cases a pro-rata refund will be made of the tuition charges.

TEXT BOOKS
Textbooks will be sold at the Eau Gallie Junior High School on the evening indicated in the Calendar at the beginning of each term. At other times, books may be secured at college office.

ATTENDANCE
The intensive nature of the courses imposes heavy demands upon the student's time and effort; unbroken attendance is essential if the student expects to grasp successfully the various subjects presented. Students are expected to make up all work lost through absence.

GRADING SYSTEM
The following system of grading is in use:

Percent Grade | Quality Points
--- | ---
90 to 100% | 4
80 to 89 | 3
70 to 79 | 2
60 to 69 | 1 (Lowest passing grade)
Below 60 | 0

Incomplete - Indicates incomplete work and is not a grade.
The lowest passing grade is 60%.
Incomplete work in homework, tests, or final examination must be made up before a student is entitled to a clear grade and admitted to dependent subjects. An incomplete grade must be made up before the subject is next given, otherwise it will be considered a failure.

Grades are based upon homework, short quizzes, tests given at five week intervals, a final examination at the end of the term, and, in certain instances, upon term papers and laboratory reports. Classroom recitation is not graded.

REPORTS
Reports are issued to the student or to his parent or guardian at the end of each term.

DEGREE
Students who have satisfactorily completed all of the subjects prescribed in the curriculum for the Associate Degree will be granted the degree upon the recommendation of and at the discretion of the faculty. A student must obtain a general average of 70% or better to qualify.

TUITION FEES
Tuition fees will be charged on a semester basis according to the following schedule:

- Full semester load: $90.00
- Two courses: $60.00
- One course: $30.00
- Matriculation Fee: $5.00
- Graduation Fee: $10.00

For non-degree candidates the matriculation fee will be applied towards the tuition.
### First Year - Associate Degree in Mechanical Engineering

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<tr>
<td>First Term</td>
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<tr>
<td>Introductory Algebra (M1)</td>
<td>Calculus I (M6)</td>
<td>Calculus III (M8)</td>
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<td>Chemistry I (C1)</td>
<td>Physics I (P1)</td>
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<td>Eng. Drawing I (D1)</td>
<td>Statics (ME1)</td>
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<tr>
<td>College Algebra I (M2)</td>
<td>Calculus II (M7)</td>
<td>Diff. Equations (M9)</td>
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<td>Chemistry III (C2)</td>
<td>Physics III (P2)</td>
<td>Kinematics (ME4)</td>
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<tr>
<td>Eng. Drawing II (D2)</td>
<td>Dynamics (ME2)</td>
<td>Machine Design (ME6)</td>
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<td>Third Term</td>
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<td>Third Term</td>
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<tr>
<td>Trigonometry (M4)</td>
<td>Physics Lab. I (PL1)</td>
<td>Business Math. (M5)</td>
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<td>College Algebra III (M3)</td>
<td>Physics Lab. II (PL2)</td>
<td>Business Law (BL1)</td>
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<tr>
<td>Chemistry Lab. (CL1)</td>
<td>Descriptive Geometry (M4)</td>
<td>Mechanical Lab. I (ML1)</td>
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### First Year - Associate Degree in Business Administration

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<td>First Term</td>
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<tr>
<td>Introductory Algebra (M1)</td>
<td>Accounting (BF1)</td>
<td>Business Statistics (BE10)</td>
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<td>Science I (S1)</td>
<td>Transportation (BE2)</td>
<td>Graphic Presentation (BC4)</td>
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<tr>
<td>Business Economics (BE1)</td>
<td>Industrial Resources (BE4)</td>
<td>Government and Business (BE7)</td>
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<td>Second Term</td>
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<td>Second Term</td>
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<tr>
<td>College Algebra (M2)</td>
<td>Accounting (BF2)</td>
<td>Principles of Management (BE5)</td>
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<tr>
<td>Science (S2)</td>
<td>Business Law (BL1)</td>
<td>Conference Methods (BC1)</td>
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<td>Business Law (BL1)</td>
<td>Third Term</td>
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<td></td>
<td>Business Math. (M5)</td>
<td>Cost Accounting (BF3)</td>
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<td>Business Law (BL2)</td>
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<td></td>
<td>Marketing (BE2)</td>
<td>Group Speaking (BC3)</td>
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<td>Specialized Study &amp; Report (BE8)</td>
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### Third Term - Office Management & Machines (OM1)

- International Business (BE8)
- Specialized Study & Report (BE8)
CALENDAR OF EVENTS 1938-39, BREVARD ENGINEERING COLLEGE

FIRST TERM

1938
July 7, 8, 9, 10, 11 Preregistration at Melbourne University Library.
Sept. 17 Orientation tests in Algebra and drawing.
Sept. 18 Mass meeting of all students.
Sept. 22 Opening classes for the fall term for all students.
Class schedules and books available in the lobby. Last date for tuition payment.
Oct. 27, 28, 29 First five weeks tests.
Nov. 26, 28 November recess—no classes.
Dec. 8, 10, 12 Second five weeks test.
1939
Jan. 2 Classes resume after Christmas.
Jan. 20, 23, 26 Mid-year examinations.

SECOND TERM

Feb. 2 Opening classes of second term; class schedule and books available. Second semester tuition due.
Feb. 23 Washington Birthday observance—no classes.
March 9, 11, 13 First five weeks test.
March 27 Good Friday—no classes.
April 20, 22, 24 Second five weeks test.
June 1, 3, 5 Final examinations.

THIRD TERM

Details to be announced.