

## Engineering Program

## Engineering Program

The Engineering Program at Delaware State University offers students the opportunity to complete the first two years of an engineering curriculum and then transfer to other institutions to complete an engineering degree. Most engineering colleges require two years of pre-engineering preparation for admission to the engineering program. This is not an automatic transfer; students must apply for admission.

The Engineering Program offers three (3) tracks:

- **Electrical Engineering** <sup>[1]</sup> (*Link to curriculum*)
- **Mechanical Engineering** <sup>[2]</sup> (*Link to curriculum*)
- **Civil Engineering** <sup>[3]</sup> (*Link to curriculum*)

### Curriculum for Engineering Program/Electrical Engineering Track

Freshman Fall Semester			Freshman Spring	
Course No.	Course Title	Cr	Course No.	Course Title
01-101	English Composition I	3	01-102	English Composition II
25-251	Calculus I	4	25-252	Calculus II
26-201	General Physics I	4	26-202	General Physics II
50-210	Intro to Combinational Logic	2	16-100	Lifetime and Fitness Wellne
26-191	University Seminar I	1	50-211	Intro to Sequential Circuits
35-xxx	Programming for Engineers	3	26-192	University Seminar II
			xx-xxx	Gen Educ Prog Elective
17				
Sophomore Fall Semester			Sophomore Spring	
Course No.	Course Title	Cr	Course No.	Course Title
25-253	Calculus III	4	25-351	Differential Equations
50-205	Linear Circuit Theory I	4	25-313	Linear Algebra
50-220	Microprocessor Based Systems I	2	35-263	Data Structures
40-202	Intro to Microeconomics	3	50-309	Electronic Circuit Analysis

24-101	Gen & Elem Anal Chemistry I	4	50-221	Microprocessor Based Sys
			xx-xxx	General Education Elective
		<b>17</b>		

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## Curriculum for Engineering Program/Mechanical Engineering Track

Freshman Fall Semester			Freshman Spring Semester	
<i>Course No.</i>	<i>Course Title</i>	<i>Cr</i>	<i>Course No.</i>	<i>Course Title</i>
01-101	English Composition I	3	01-102	English Composition II
25-251	Calculus I	4	25-252	Calculus II
26-201	General Physics I	4	26-202	General Physics II
xx-xxx	General Education Elective	3	50-132	Engineering Graphics & An
26-191	University Seminar I	1	26-220	Scientific Programming
16-100	Lifetime Fitness & Wellness	2	26-192	University Seminar II
		<b>17</b>		
Sophomore Fall Semester			Sophomore Spring Semester	
<i>Course No.</i>	<i>Course Title</i>	<i>Cr</i>	<i>Course No.</i>	<i>Course Title</i>
25-253	Calculus III	4	25-351	Differential Equations
26-311	Analytical Mechanics I	3	26-314	Analytical Mechanics II
24-101	Gen & Elem Anal Chemistry I	4	50-309	Electronic Circuit Analysis
50-205	Linear Circuit Theory	4	50-302	Material Science for Engine
xx-xxx	General Education Elective	3	26-305	Thermal Physics
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## Curriculum for Engineering Program/Civil Engineering Track

Freshman Fall Semester			Freshman Spring Semester	
<i>Course No.</i>	<i>Course Title</i>	<i>Cr</i>	<i>Course No.</i>	<i>Course Title</i>
01-101	English Composition I	3	01-102	English Composition II
25-251	Calculus I	4	25-252	Calculus II
26-201	General Physics I	4	26-202	General Physics II

26-191	University Seminar I	1	50-132	Eng Graphic & Analysis
xx-xxx	Gen Education Elective	3	26-220	Scientific Programming
26-191	Lifetime Fitness and Wellness	2	26-192	University Seminar II
		<b>17</b>		
<b>Sophomore Fall Semester</b>			<b>Sophomore Spring Semester</b>	
<b>Course No.</b>	<b>Course Title</b>	<b>Cr</b>	<b>Course No.</b>	<b>Course Title</b>
26-313	Analytical Mechanics I	3	26-314	Analytical Mechanics II
25-253	Calculus III	4	25-351	Differential Equations
50-107	General Geology for Engineers	4	50-302	Material Science for Engineers
01-200	Speech	3	xx-xxx	Solid Mechanics
24-101	Gen. Elem Analy Chemistry I	4	xx-xxx	CE Materials Laboratory
			xx-xxx	General Education Elective
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[Back to College Homepage](#) <sup>[6]</sup>

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**Source URL:** <http://desu.edu/mathematics-natural-sciences-and-technology/engineering-program>

**Links:**

[1] [http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Elec\\_Eng\\_trk](http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Elec_Eng_trk)

[2] [http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Mech\\_Eng\\_trk](http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Mech_Eng_trk)

[3] [http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Civ\\_Eng\\_trk](http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#Civ_Eng_trk)

[4] <http://www.desu.edu/sites/all/modules/fckeditor/fckeditor/editor/fckeditor.html?InstanceName=edit-body&Toolbar=DrupalFiltered#top>

[5] <http://www.desu.edu/mathematics-natural-sciences-and-technology/department-physics-and-pre-engineering>

[6] <http://www.desu.edu/cmnst>