

Course of Study – Class of 2008

Note: Course titles in *italics* or underlined are courses taught with an integrated curriculum.

Note: 160 credits must be accumulated in order to graduate.

Freshman Classes

<i>Biology</i>	6 Credits
<i>Computer Applications</i>	5 Credits
<i>Introduction to Engineering Design</i>	5 Credits*
<u>English 1</u>	5 Credits
<u>World History</u>	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/ Physical Education	4 Credits
Mathematics (Algebra 1, Geometry, Algebra 2/Trig)	5 Credits
<u>Research/Data Analysis/Guidance</u>	3 Credits

Sophomore Classes

Computer Integrated Manufacturing	5 Credits*
Principles of Engineering	5 Credits*
Physics	6 Credits
English 2	5 Credits
United States History 1	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/Physical Education	4 Credits
Mathematics (Geometry, Algebra 2/Trig, PreCalculus)	5 Credits
<u>Research2/Data Analysis2/Guidance</u>	3 Credits

Junior Classes

Chemistry/AP Chemistry	6 Credits
English 3	5 Credits
United States History 2	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/ Physical Education	4 Credits
Mathematics (Algebra 2/Trig, PreCalculus, AP Calculus BC)	5/6 Credits
Effective Speech	3 College+
<i>Technology Options:</i>	
i. CADD at Brookdale CC	11 College+
ii. Computer Programming at BCC	8 College+
iii. Digital Electronics	8 Credits*
Engineering Physics	2 Credits
iii. Civil Engineering & Architecture	8 Credits*
Engineering Physics	2 Credits

Senior Classes

AP Biology, Chemistry, or Physics	6 Credits
English 4	5 Credits
Mathematics (Pre-Calculus, Calculus, AP Calculus AB/BC, Multivariable Calculus)	5/6 Credits
Mentorship	5 Credits
Current Global Issues (elective)	5 Credits
Environmental Science (elective)	5 Credits
World Language (elective) (French, Spanish, or Latin)	5 Credits#
Health/Physical Education	3 College+
Statistics (elective)	5 Credits
The Short Story	3 College+
<i>Technology Options:</i>	
i. CADD at Brookdale CC	4 College+
ii. Computer Programming at BCC	4 College+
iii. Engineering Design & Development	5 Credits

+ Appear on a college transcript issued by
Brookdale Community College

* Students may elect to apply for college credit through
Rochester Institute of Technology

Students may elect to apply for college credit
through Georgian Court University (in select courses).

^ Includes Mentorship

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