

Electronic Engineering Technology College Head Start Sequence+

9th Grade — BCIT

| Semester 1 | Semester 2 |
|--|---------------------------|
| English I* | PE/Health I |
| Algebra I*/Algebra II* | US History I* |
| Biology* | Spanish I* |
| Engineering Design Fundamentals (EGR104) | CAD Fundamentals (EGR110) |



10th Grade — BCIT 2017-18

| Semester 1 | Semester 2 |
|-------------------------------|--------------------------|
| Intro to Electronics (EET101) | Circuits I (EET121) |
| Chemistry* | C++ Programming (CSE110) |
| English II* | PE/Health II |
| Algebra II*/Geometry | US History II* |



RCBC 2018

| Course | Summer Term |
|--------|-----------------|
| SPE102 | Public Speaking |



BCIT 2018

| Summer Online |
|--------------------|
| Financial Literacy |

11th Grade — BCIT 2018-19

| Semester 1 | Semester 2 |
|---|---|
| Electronic Computer Graphics (EET111) | Digital Circuits (EET141) |
| Spanish II* | Finite State Machines & Micro-Controllers |
| English III* or AP English Composition (ENG102) | PE/Health III |
| AP Chemistry | Geometry*/ Pre-Calculus* (MTH130) |



RCBC 2019

| Course | Summer Term |
|----------------------------|---|
| ART101 or THR101 or MUS101 | Introduction to Art or Introduction to Theatre or Introduction to Music |



12th Grade — BCIT 2019-20

| Semester 1 | Semester 2 |
|--|-------------------------------------|
| English IV* or AP English Literature (ENG 101) | PE/Health IV |
| World History* or AP World History | Art |
| AP Calculus (MTH118) | Physics* or AP Physics (PHY110/111) |
| Electronic Digital Communications Systems | Senior Project |

RCBC Fall 2020

| Course | Freshman Semester 1 |
|--------|------------------------------|
| EET222 | Circuits II |
| EET131 | Solid State Devices |
| SOC160 | Society, Ethics & Technology |
| TBD | Elective (2-3 credits) |



RCBC Spring 2021

| Course | Freshman Semester 2 |
|------------------|---------------------------------|
| PHY112 PHY113 | Principles of Physics II w/ Lab |
| EET232 | Analog Integrated Circuits |
| EET242 | Microprocessor Systems |

* Honors or College Preparatory

RCBC graduates are guaranteed admission to Rowan University. Some programs carry additional requirements.



**BCIT & RCBC
Medford Campus**

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