

# BARONS



FALL 2020 THROUGH SUMMER 2021  
**COLLEGE CATALOG**

**Addendum: Last updated December 2020**



**Rowan College**  
at  
BURLINGTON COUNTY

# Grading System:

## “3+1” Inclusive Education Program with Rowan University

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The following grades and grading system will be used for junior year professional level courses in the RCBC-Rowan University 3+1 Inclusive Education program only. These grades will show on the student’s RCBC permanent record (transcript). Any non-professional level courses in the junior year will follow the standard RCBC grades and grading system outlined on page 35 of the catalog.

These grades are required to meet the requirements of alignment with Rowan University’s grading system, and to meet the New Jersey State teacher education requirements. The Office of the Provost, Registrar and the Rowan Relations Director maintain a list of all courses within the Inclusive Education program for which these grades apply. Please contact [3plus1@rcbc.edu](mailto:3plus1@rcbc.edu) for a list of courses.

The Inclusive Education Grade System standard to Rowan University include:

<i>Course Grade</i>	<i>Grade Points Per Credit Hour</i>
A	4
A-	3.7
B+ <sup>^</sup>	3.3
B	3
B-	2.7
C+ <sup>^</sup>	2.3
C	2
C-	1.7
D+	1.3
D	1
D-	0.7
F	0

**INCL 02315 STREAM I Clinical Experience 1 cr.**

This clinical experience supports two co-requisite courses and provides a clinical classroom for candidates to apply their knowledge of elementary education content standards in Humanities-based areas of Social Studies, English Language Arts, and the Fine Arts and how interdisciplinary, thematic units of inquiry facilitate meeting those standards. Students apply research on the way children learn and effective teaching in Social Studies, English Language Arts, and the Fine Arts, as well as instructional knowledge and skills they are developing related to inquiry-based instruction, assessment, and differentiating that instruction for elementary students. Building on school district materials and mandates, teacher candidates plan, teach, and assess an interdisciplinary unit of inquiry, which reflects candidates' understanding of appropriate content and pedagogy in the Humanities as appropriate for the assigned clinical classroom. Teacher candidates will also review, administer as appropriate, and reflect on the results of varied assessments of student learning that are typically used in that classroom. (This clinical practice requires 56 hours of field experience or one day per week for 8 weeks)

*Corequisite:* INCL 02310; READ 30351

*Prerequisite:* EDU 210; INCL 02330;  
Admission to 3+1 Inclusive Education Program  
0/0/4 SP Course fee charged

**INCL 02330 Differentiating Instruction in the Inclusive Classroom 2 cr.**

This course focuses on how the diverse needs of individuals with educational disabilities/differences can be met within the general education classroom environment. Emphasis will be on communication and collaboration with parents and education professionals, understanding of linguistic and cultural differences, and utilizing instructional strategies in response to the results of differentiated assessments to meet individual needs.

*Prerequisite:* EDU 130;

Admission to 3+1 Inclusive Education Program  
2/0/0 FA

**ITALIAN****ITA 101 Elementary Italian I 3 cr.**

This course is for students with no knowledge of Italian. It focuses on laying a foundation for speaking, reading, and writing Italian.

3/0/0 FA

**ITA 102 Elementary Italian II 3 cr.**

This course is for students with limited knowledge of Italian. It focuses on building upon demonstrated skills in speaking, reading, and writing Italian.

*Prerequisite:* ITA 101 or one year of high school Italian  
3/0/0 SP

**ITA 201 Intermediate Italian I 3 cr.**

This course focuses on speaking Italian. Class discussion is based on cultural readings from the Italian-speaking world. There is intensive grammar study and composition work.

*Prerequisite:* ITA 102 or two years of high school Italian or permission  
3/0/0

**ITA 202 Intermediate Italian II 3 cr.**

This course focuses on achieving skill in speaking Italian. Class discussion is based on cultural readings from the Italian-speaking world. There is intensive grammar study and composition work.

*Prerequisite:* ITA 201 or permission  
3/0/0

**JOURNALISM****JOU 101 Introduction to Journalistic Writing I 3 cr.**

This course introduces investigating, reporting, and writing the variety of news stories typically found in newspapers. Students practice writing news stories and also study and analyze samples of contemporary American journalism.

*Prerequisite or Corequisite:* ENG 101  
3/0/0 FA

**LITERACY EDUCATION**

*Please note these courses are for the 3+1 Inclusive Education program only.*

**READ 30311 Reading Literacy Pedagogy I 3 cr.**

This course explores the broadening nature of literacy and literacy instruction in the 21st century. The course addresses both the theory and pedagogy of literacy instruction. Topics range from emergent literacy to comprehension of narrative and expository discourse and address reading and writing instruction that engages students in the K-5 classroom. This course has a particular focus on designing literacy instruction for culturally and linguistically diverse students that positions the literacy teacher as a reflective practitioner with a focus on teaching for social justice.

*Prerequisite:* EDU-210;

Admission to 3+1 Inclusive Education Program  
3/0/0

**READ 30351 Literacy Pedagogy II 2 cr.**

This course prepares teacher candidates to provide differentiated literacy instruction in diverse classrooms with a wide range of developmental levels, instructional needs, interests, and backgrounds. Teacher candidates will learn how to select, administer, and analyze various assessment tools to inform instruction. Field experience is required.

*Corequisite:* INCL 02315; INCL 023310

*Prerequisite:* READ 30311,  
Admission to 3+1 Inclusive Education Program  
2/0/0 SP

**LITERATURE****LIT 203 Masterpieces of World Literature I 3 cr.**

This course covers a sampling of significant literature of antiquity. The emphasis will be on reading and analyzing the origins of the allusions found in modern arts.

*Prerequisite:* ENG 102 or permission  
3/0/0

**LIT 206 Women's Literature 3 cr.**

This course examines the roles assigned to women in society as reflected in poetry, short stories, novels, and autobiographical writings by women. It reflects the views of women held in different countries and at different times in the recent past.

*Prerequisite:* ENG 102 or permission  
3/0/0

**LIT 207 British Literature I 3 cr.**

This course focuses on British literature from its origins to the late eighteenth century. It emphasizes critical reading and analysis of selected fiction, poetry, drama, and essays.

*Prerequisite:* ENG 102 or permission  
3/0/0 FA

**LIT 208 British Literature II 3 cr.**

This course focuses on British literature from the Romantic to the contemporary period. It emphasizes critical reading and analysis of selected fiction, poetry, drama, and essays.

*Prerequisite:* ENG 102 or permission  
3/0/0 SP

**LIT 209 American Literature I 3 cr.**

This course is a survey covering American literature from the Puritan period to the Civil War. It emphasizes major trends in literary development during that time span.

*Prerequisite:* ENG 102 or permission  
3/0/0 FA

**LIT 210 American Literature II 3 cr.**

This course is a survey covering American literature from the Civil War to modern times. It emphasizes major trends in literary development during that time span.

*Prerequisite:* ENG 102 or permission  
3/0/0 SP



## Option to Electrical Engineering Technology, (AAS.PCT)

The Computer Networking Technology option to the Electrical Engineering Technology program provides a solid theoretical foundation as well as practical “hands-on” laboratory experiences in electronics and computers. This option includes some electronic courses as well as computer and networking courses to enable graduates to pursue a career as a computer and network technician.

The mission of the Rowan College at Burlington County Electrical Engineering Technology program and Computer Networking Technology option is to produce graduates who are able to obtain employment as a technician or transfer to a four-year college. In addition, graduates will be technically competent, able to communicate effectively, work well with others and demonstrate professionalism.

Graduates of this option should be able to:

- Apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline;
- Design solutions for well-defined technical problems and assist with engineering design of systems, components, or processes appropriate to the discipline;
- Conduct standard tests, measurements, and experiments to analyze and interpret results;
- Function effectively as a member of a technical team;
- Apply written, oral, and graphical communication in both technical and non-technical environments; and identity and use appropriate technical literature.

The Electrical Engineering Technology program and Computer Networking Technology option, who during the first few years after graduation will:

- Demonstrate learned electrical and systems engineering tools to design/redesign integrated systems/processes, solve problems, implement innovative solutions, and improve structural outcomes;
- Lead effectively and work productively in teams demonstrating strong communication skills;
- Continue to develop professionally through undergraduate/graduate study, continuing education in electrical engineering, professional societies, or related areas;
- Demonstrate awareness of the ethical responsibilities of the profession in a diverse global environment.

<b>General Education Courses †</b>		<b>Credits</b>
Written & Oral Communications (ENG 101 and SPE 102 required)		6
Mathematics (MTH 130 required)		4
Natural Science (PHY 110/111 required)		4
Social Science (SOC 160 required)		3
Arts & Humanities		3
Additional General Education Requirements (MTH 118 required)		4
<b>Total</b>		<b>24</b>

† See General Education Requirements on page 54.

<b>Program Courses</b>		<b>Credits</b>
CIS 138	Introduction to Operating Systems	4
CIS 150	Networking Fundamentals	4
CSE 110	Introduction to Computer Science I	4
EET 121	Circuits I	4
EET 210	IT Essentials: A+	4
EET 230	Semiconductor Electronics	4
EET 240	Digital Electronics	4
<b>Total</b>		<b>28</b>

<b>Program Electives</b>		<b>Credits</b>
<i>Select 8 credit hours from the following:</i>		
CIS 165	Network and Systems Administration	4
CIS 200	Fundamentals of Computer Security	4
CIS 207	Introduction to Computer Forensics	3
EET 222	Circuits II	3
EET 232	Analog Integrated Circuits	4
EGR 151	Freshman Engineering Clinic I	2
EGR 152	Freshman Engineering Clinic II	2
<b>Total</b>		<b>8</b>

<b>Total Required for Degree</b>	<b>60</b>
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## Associate of Applied Science, (AAS.EET)

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The Computer Networking Technology Option is on page 85.

General Education Courses †	Credits
Written & Oral Communications (ENG 101 and SPE 102 required)	6
Mathematics (MTH 130 required)	4
Natural Science (PHY 110/111 required)	4
Social Science (SOC 160 required)	3
Arts & Humanities	3
Additional General Education Requirements (MTH 118 required)	4
<b>Total</b>	<b>24</b>

† See General Education Requirements on page 54.

Program Courses	Credits
CSE 110 Introduction to Computer Science I	4
EET 121 Circuits I	4
EET 222 Circuits II	3
EET 230 Semiconductor Electronics	4
EET 232 Analog Integrated Circuits	4
EET 240 Digital Electronics	4
EGR 151 Freshman Engineering Clinic I	2
EGR 152 Freshman Engineering Clinic II	2
EGR 251 Sophomore Engineering Clinic I	1
EGR 252 Sophomore Engineering Clinic II	1
ENG 102 College Composition II	3
PHY 112 Principles of Physics II	3
PHY 113 Principles of Physics II Laboratory	1
<b>Total</b>	<b>36</b>

**Total Required for Degree 60**

The Rowan College of Burlington County  
Electrical Engineering Technology program  
is accredited by the Engineering Technology  
Accreditation Commission of ABET  
[abet.org](http://abet.org)

# General Information

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## Rowan College at Burlington County Board of Trustees 2020

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∞ Deceased

## Burlington County Board of Chosen Freeholders 2020

Felice Hopson, *Director*  
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Linda A. Hynes  
Daniel J. O'Connell  
Balvir Singh

## Rowan College at Burlington County is a Member of the Following Educational Advancement Organizations:

Accreditation Commission for Education  
in Nursing (ACEN)  
African American Chamber of  
Commerce of New Jersey  
The American Association of Collegiate  
Registrars and Admissions Officers  
The American Association of  
Community Colleges (AACC)  
The American Health Information  
Management Association (AHIMA)  
Association of New Jersey Holocaust  
Organizations  
Association of Physical Plant  
Administrators (APPA)  
Burlington County Coalition  
for Healthy Communities (BCCHC)  
Burlington County Regional  
Chamber of Commerce  
Center for Agile Partnerships in  
Education (CAPE)  
Chamber of Commerce  
of Southern New Jersey  
Commission on Accreditation of Allied  
Health Education Programs (CAAHEP)  
Consortium for Community  
College Development  
Consortium for Student Retention  
Data Exchange  
Council of Holocaust Educators  
Engineering Technology Accreditation  
Commission of ABET  
Health Information Management  
Systems Society (HIMSS)  
Instructional Technology Council (ITC)  
Joint Review Committee of Education in  
Radiologic Technology  
Mathematics Association of Two-Year  
Colleges of New Jersey (MATYCNJ)  
Middle States Association  
of Colleges and Schools  
Mid Atlantic Regional Commission  
for Higher Education (MARCHE)  
National Association for  
Research and Planning  
National Association of College  
Admissions Counselors (NACAC)  
National Association of College and  
University Business Officers (NACUBO)  
National Association of Colleges  
and Employers (NACE)  
National Council for Instructional  
Administrators (NCIA)  
National Council for Marketing and  
Public Relations (NCMPR)  
National Council for Staff, Program  
and Organizational Development  
National League for Nursing (NLN)  
New Jersey Association of Mathematics  
Teacher Educators (NJAMTE)  
New Jersey Association of Physical Plant  
Administrators (NJAPPA)  
New Jersey Council of Associate Degree  
Nursing Programs (NJCADNP)  
New Jersey Council of County Colleges  
(NJCCC)  
New Jersey DEP - Bureau of X-Ray  
Compliance, Radiologic Technology  
Board of Examiners  
New Jersey Library Association (NJLA)  
New Jersey Marine Sciences Consortium  
New Jersey Presidents' Council  
North American Board of Certified  
Energy Practitioners (NABCEP)  
Organization for Associate Degree  
Nursing (OADN)  
The Quality Matters Program (QM)  
United States Distance Learning  
Association (USDLA)  
Virtual Academic Library Environment  
of New Jersey (VALE)

# Computer Networking Technology



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