

## Appendix A

### A.A.S. Mechanical Engineering Technology 3700 B.S.E.T. Mechanical Engineering Technology

Technical Courses	Mathematics	Communications
2 c.h. Computer-Aided Drafting I ENR 117	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
2 c.h. Instrumentation & Measurements ENR 124	4 c.h. Applied Calculus MAT 113	3 c.h. English Composition II ENG 112
3 c.h. Engineering Technology Projects ENR 240	<b>8 c.h.</b>	6 c.h.
3 c.h. Statics MEC 104	Physics	Humanities/Social Science
2 c.h. Mechanical Prototyping MEC 117	4 c.h. Technical Physics I PHY 111	3 c.h. Humanities Elective*
2 c.h. Computer Integrated Manufacturing MEC 118	4 c.h. Technical Physics II PHY 112	3 c.h. Social Science Elective
4 c.h. Materials for Engineering Technology MEC 110	<b>8 c.h.</b>	<b>6 c.h.</b>
3 c.h. Strength of Materials MEC 141	Programming	Other
3 c.h. Kinematics MEC 235	1 c.h. Technical Computer Applications ENR 119	2 c.h. Health & Wellness
4 c.h. Machine Design MEC 236	2 c.h. Technical Computer Programming ENR 120	<b>2 c.h.</b>
4 c.h. Electricity & Electronics ELT 201	2 c.h. Computer-Aided Design & Applications ENR 126	
3 c.h. Technical Elective	<b>5 c.h.</b>	
<b>35 c.h.</b>		

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

## Appendix A

### A.A.S. Mechatronics Engineering Technology 3720 B.S.E.T. Mechanical Engineering Technology

Technical Courses	Mathematics	Communications
2 c.h. Computer-Aided Drafting I ENR 117	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
2 c.h. Instrumentation & Measurements ENR 124	4 c.h. Applied Calculus MAT 113	3 c.h. English Composition II ENG 112
3 c.h. Engineering Technology Projects ENR 240	<b>8 c.h.</b>	<b>6 c.h.</b>
3 c.h. Instrumentation & Controls ENR 241	<b>Physics</b>	<b>Humanities/Social Science</b>
4 c.h. Materials for Engineering Technology MEC 110	4 c.h. Technical Physics I PHY 111	3 c.h. Humanities Elective *
4 c.h. Mechanical Components MEC 155	4 c.h. Technical Physics II PHY 112	3 c.h. Social Science Elective
3 c.h. Digital Principles ELT 110	<b>8 c.h.</b>	<b>6 c.h.</b>
4 c.h. Electricity & Electronics ELT 201	<b>Programming</b>	<b>Other</b>
4 c.h. Advanced Digital & Microprocessors ELT209	1 c.h. Technical Computer Applications ENR 119	2 c.h. Health & Wellness
1 c.h. Electronic Fabrication ELT 210	2 c.h. Technical Computer Programming ENR 120	<b>2 c.h.</b>
3 c.h. Local Area Networks TEL206	<b>3 c.h.</b>	
3 c.h. Technical Elective		
<b>36 c.h.</b>		

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

## Appendix A

### A.A.S. Electronics Engineering Technology 3600 B.S.E.T. Electrical and Computer Engineering Technology

Technical Courses	Mathematics	Communications
4 c.h. Circuit Analysis ELT 121	4 c.h. Applied College Mathematics MAT111	3 c.h. English Composition I ENG 111
OR 4 c.h. Electricity & Electronics ELT 201	4 c.h. Applied Calculus MAT 113	3 c.h. English Composition II ENG 112
3 c.h. Active Circuit Components ELT 115	<b>8 c.h.</b>	<b>6 c.h.</b>
4 c.h. Advanced Digital & Microprocessors ELT 209		
4 c.h. Active Circuit Design ELT213	<b>Physics</b>	<b>Humanities/Social Science</b>
4 c.h. Industrial Electronics ELT 215	4 c.h. Technical Physics I PHY 111	3 c.h. Humanities Elective*
1 c.h. Electronic Fabrication ELT 210	4 c.h. Technical Physics II PHY 112	3 c.h. Social Science Elective
3 c.h. Digital Principles ELT 110	<b>8 c.h.</b>	<b>6 c.h.</b>
4 c.h. Electronic Communication Systems ELT 231	<b>Programming</b>	<b>Other</b>
3 c.h. Technical Elective	1 c.h. Technical Computer Applications ENR 119	2 c.h. Health & Wellness
2 c.h. Computer-Aided Drafting I ENR 117	2 c.h. Technical Computer Programming ENR 120	<b>2 c.h.</b>
2 c.h. Instrumentation & Measurements ENR 124	<b>3 c.h.</b>	
3 c.h. Local Area Networks TEL206		
3 c.h. Technical Elective		
<b>38 c.h.</b>		

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

## Appendix A

### A.A.S. Electronic Engineering Technology Biomedical Equipment Option 3601 B.S.E.T. Electrical and Computer Engineering Technology Biomedical Concentration

Technical Courses	Mathematics	Communications
4 c.h. Circuit Analysis ELT 121 OR	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
4 c.h. Electricity & Electronics ELT 201	4 c.h. Applied Calculus MAT 113	3 c.h. English Composition II ENG 112
3 c.h. Active Circuit Components ELT 115	<b>8 c.h.</b>	<b>6 c.h.</b>
3 c.h. Biomedical Electronics ELT 200	<b>Physics/ Laboratory Science</b>	<b>Humanities/Social Science</b>
4 c.h. Advanced Digital & Microprocessors ELT 209	4 c.h. Technical Physics I PHY 111	3 c.h. Humanities Elective*
1 c.h. Electronic Fabrication ELT210	4 c.h. Laboratory Science Elective	3 c.h. Social Science Elective
4 c.h. Active Circuit Design ELT 213	<b>8 c.h.</b>	<b>6 c.h.</b>
4 c.h. Industrial Electronics ELT 215	<b>Programming</b>	<b>Other</b>
3 c.h. Digital Principles ELT 110	1 c.h. Technical Computer Applications ENR 119	2 c.h. Health & Wellnes
3 c.h. Biomedical Clinical Experience ELT 227	2 c.h. Technical Computer Programming ENR 120	<b>2 c.h.</b>
4 c.h. Electronic Communications Systems ELT 231	<b>3 c.h.</b>	
2 c.h. Computer-Aided Drafting I ENR 117		
2 c.h. Instrumentation & Measurements ENR 124		
<b>37 c.h.</b>		

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

**Appendix A**  
**A.A.S. Telecommunications Systems Technology 3650**  
**B.S.E.T Telecommunications Management Technology**

<b>Technical Courses</b>	<b>Mathematics</b>	<b>Communications</b>
4 c.h. Electricity & Electronics ELT 201	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
3 c.h. Digital Principles ELT 110	3 c.h. Statistics MAT124	3 c.h. English Composition II ENG 112
4 c.h. Advanced Digital & Microprocessors ELT 209	7 c.h.	6 c.h.
3 c.h. Local Area Networks TEL 206	<b>Programming</b>	<b>Humanities/Social Scienc</b>
3 c.h. Technical Elective	1 c.h. Technical Computer Applications ENR 119	3 c.h. Principles of Economics ECO 211
3 c.h. Introduction to Telecommunications TEL 109	2 c.h. Technical Computer Programming ENR120	3 c.h. Humanities Elective*
3 c.h. Data Communications TEL 232	3 c.h. Operating System Elective	6 c.h.
3 c.h. Telecommunications Systems TEL 234	3 c.h. Programming Elective	<b>Other</b>
4 c.h. Electronic Communications Systems ELT 231	9 c.h.	3 c.h. Principles of Marketing MKT 113
30 c.h.		3 c.h. Free Elective or Cooperative Education Experience
		2 c.h. Lifetime Wellness HED 128
		8 c.h.

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

**Appendix A**  
**A.A.S. Telecommunications Systems Technology 3651 – Network Option**  
**B.S.E.T. Telecommunications Management Technology**

<b>Technical Courses</b>	<b>Mathematics</b>	<b>Communications</b>
4 c.h. Electricity & Electronics ELT201	4 c.h. Applied College Mathematics MAT 111	3 c.h. English Composition I ENG 111
3 c.h. Digital Principles ELT 110	3 c.h. Statistics MAT 124	3 c.h. English Composition II ENG 112
4 c.h. Advanced Digital & Microprocessors ELT 209	7 c.h.	6 c.h.
3 c.h. Local Area Networks TEL 206	<b>Programming</b>	<b>Humanities/Social Science</b>
3 c.h. Network Operating Systems TEL 233	1 c.h. Technical Computer Applications ENR 110	3 c.h. Principles of Economics ECO 211
3 c.h. Introduction to Telecommunications TEL 109	2 c.h. Technical Computer Programming ENR 120	3 c.h. Humanities Elective*
3 c.h. Data Communications TEL 232	3 c.h. Microcomputer OS & Utilities CMP 200	6 c.h.
3 c.h. Telecommunication Systems TEL 234	3 c.h. Programming Elective	<b>Others</b>
4 c.h. Electronic Communications Systems ELT 231	9 c.h.	3 c.h. Principles of Marketing MKT 113
3 c.h. Wide Area Networks TEL 226		2 c.h. Lifetime Wellness HED 128
<b>33 c.h.</b>		<b>5 c.h.</b>

\* Students should refer to Appendix A1 for a listing of transferable Humanities and Social Science courses.

**Appendix A1**  
**CCM/NJIT Joint Admissions**  
**Acceptable Humanities & Social Science Electives**

**The following CCM courses will satisfy NJIT Lower Division Humanities and Social Science Electives:**

**Choose one Social Science elective and one Humanities elective from this list:**

**Economics**

Economics of Labor ECO 217  
Special Topics in Economics ECO 291

**Human Services**

Introduction to Social Welfare and Human Services HMS 115  
Human Needs and Social Services HMS 116  
Social Problems and Human Services HMS 117  
Contemporary Social Policy and Services HMS 119  
Behavior Management in Developmental Disabilities HMS 230

**Political Science**

American Government POL 211  
Constitutional Law POL 222  
State and Local Government POL 231  
International Politics POL 240  
Comparative Government POL 245  
Civil Liberties-Basic Rights and Freedoms POL 270  
Special Topics in Political Science POL 291, POL 292

**Psychology**

General Psychology PSY 113  
Health Psychology PSY 117  
Psychology of Adjustment PSY 211  
Child Psychology PSY 213  
Adolescent Psychology PSY 214  
Educational Psychology PSY 217  
Psychology of Personality PSY 221  
The Maladapted Personality PSY 225  
Community Mental Health PSY 229  
Industrial Psychology PSY 231  
Independent Study in Psychology PSY 290

Special Topics in Psychology PSY 291, PSY 292

**Sociology**

Cultural Geography SOC 108  
Sociology I Principles of Sociology SOC 111  
Sociology II Issues and Perspectives SOC 112  
Sociology of Work and Occupations SOC 118  
Religion and Human Experience SOC 206  
The Family SOC 209  
Cultural Diversity in America SOC 214  
Physical Anthropology SOC 215  
Cultural Anthropology SOC 216  
Archeology SOC 217  
Sociology of Gender SOC 221  
Deviant Behavior SOC 222  
Social Psychology SOC 224  
Special Topics in Sociology SOC 291, SOC 292

**History**

Early Modern Europe HIS 113  
Modern Europe HIS 114  
The Ancient World- Greece and Rome HIS 117  
The Middle Ages HIS 118  
History of Russia HIS 122  
History of Modern East Asia HIS 147  
Modern Middle East HIS 148  
Latin American History HIS 151  
History of Colonial and Revolutionary America HIS 160  
History of Black People in America HIS 201  
History of Minorities in U.S. HIS 203  
History of Jewish People HIS 208  
History of American Women HIS 209  
Civil War and Reconstruction HIS 238  
History of the American Frontier HIS 244  
Twentieth Century American History HIS 245  
America's Rise to World Power HIS 246  
History of the American City and Suburb HIS 247

**Appendix B**  
**Joint Transfer Data**

- B.1 At the beginning of each fall term, CCM will send to the NJIT Office of University Admissions a list of students accepted into the Join Admissions Program. NJIT's Office of University Admissions will then establish initial Contact with these students, welcoming them into the program and giving a Sense of affiliation with the University.
  
- B.2 Upon completion of the first year, CCM will forward student transcripts to NJIT. NJIT will then send each student additional correspondence and a formal application for admission that is to be used for appropriate data collection at NJIT. The NJIT Application fee will not be required. If students meet the criteria of the program as outlined herein, NJIT will then issue a tentative letter of acceptance into the BSET program.
  
- B.3 Once the associate in applied science degree is earned and so noted on the student's transcript, CCM will then forward to NJIT the final official transcript for each student in the program. NJIT will issue a final acceptance once the aforementioned information has been received. If an F-1 International Student participates in the program, additional procedures/paperwork may be required.

**Appendix C**  
**Procedural Responsibilities**

The Office of Admissions at County College of Morris (CCM) shall require the following:

- C.1 File a formal application for admission to CCM.
- C.2 Require the student to be a graduate of an accredited high school or have satisfactorily completed the requirements for the High School Equivalency Certificate, or be at least 18 years of age.
- C.3 Furnish certified transcripts covering all previous high school and college records or a High School Equivalency Certificate. Students who have previously attended NJIT are *not* eligible for the Joint Admissions Program.
- C.4 Comply with the requirements pertaining to the Basic Skills Assessment Program.