

**Choose a Pathway and appropriate general education courses. Students are encouraged to consult an advisor for assistance.**

Other courses are available for students progressing in a pathway. See College Catalog.

### ACCOUNTING+

ACC 101 Accounting Principles I  
ACC 102 Accounting Principles II  
BUS 101 Intro to Business  
CPT 170 Microcomputer Applications  
LEG 122 Business Law II  
MGT 101 Principles of Management  
MGT 206 Management Spreadsheets

### ASSOCIATE OF ARTS ASSOCIATE OF SCIENCE UNIVERSITY TRANSFER++#

COL 101 College Orientation ⇨  
COL 103 College Skills ⇨  
ENG 101 Intro to Composition I  
ENG 102 Intro to Composition II  
ENG 201 American Literature I  
ENG 202 American Literature II  
MAT 110 College Algebra  
MAT 111 College Trigonometry  
MAT 120 Probability and Statistics  
HIS 101 Western Civilization to 1689  
HIS 102 Western Civilization Post 1689  
HIS 115 African American History  
HIS 201 American History: Discovery -1877  
HIS 202 American History: 1887 to Present  
IDS 154 Negotiating the Workplace ⇨  
PHI 101 Intro to Philosophy  
PHI 110 Ethics  
PHY 201 Physics I  
PHY 202 Physics II  
PHY 221 University Physics I  
PHY 222 University Physics II  
PSY 201 General Psychology  
PSY 203 Human Growth & Development  
BIO 101 Biological Science I  
BIO 102 Biological Science II  
BIO 210 Anatomy and Physiology I  
BIO 211 Anatomy and Physiology II  
CHM 105 General Chemistry  
CHM 110 College Chemistry I  
CHM 111 College Chemistry II  
ECO 210 Macroeconomics  
ECO 211 Microeconomics  
MUS 105 Music Appreciation  
ART 101 Art History and Appreciation  
SOC 101 Intro to Sociology  
PSC 201 American Government  
CPT 170 Microcomputer Applications  
CPT 101 Intro to Computers  
SPC 205 Public Speaking  
\*\*BIO 117/118 suggested for preparation of BIO 210/211  
Other courses are available for transfer. See college catalog.

### AUTOMOTIVE TECHNOLOGY++◆

AUT 111 Brakes  
AUT 159 Tools, Equipment & Reference Manuals  
AUT 124 Steering, Suspension & Alignment  
AUT 131 Electrical Systems OR  
AUT 132 Automotive Electricity

### BUSINESS ADMINISTRATION+

BAF 101 Personal Finance  
BUS 101 Intro to Business  
CPT 170 Microcomputer Applications  
LEG 122 Business Law II  
LOG 110 Introduction to Logistics  
MGT 101 Principles of Management  
MGT 206 Management Spreadsheets  
MKT 101 Marketing  
MKT 135 Customer Service Techniques

### NETWORK SECURITY/CYBERSECURITY+

CPT 104 Intro to Information Technology  
CPT 167 Intro to Programming Logic  
CPT 170 Microcomputer Applications  
CPT 209 Computer Systems Management  
IST 245 Local Area Networks  
IST 252 LAN Systems Management  
IST 263 Designing Windows Network Security

### COMPUTER PROGRAMMING/CODING+

CPT 104 Intro to Information Technology  
CPT 167 Intro to Programming Logic  
CPT 170 Microcomputer Applications  
CPT 200 Database Design I  
CPT 236 Intro to Java Programming  
IST 226 Internet Programming  
IST 235 Handheld Computer Programming  
IST 245 Local Area Networks

### CRIMINAL JUSTICE++

CRJ 101 Intro to Criminal Justice  
CRJ 102 Intro to Security  
CRJ 110 Police Patrol  
CRJ 115 Criminal Law I  
CRJ 202 Criminalistics  
CRJ 224 Police Community Relations  
CRJ 238 Industrial and Retail Security

### EARLY CHILDHOOD AND EDUCATION++

ECD 101 Intro to Early Childhood  
ECD 102 Growth and Development I  
ECD 105 Guidance-Classroom Management  
ECD 131 Language Arts  
ECD 135 Health, Safety and Nutrition  
ECD 203 Growth and Development II

### EDUCATION/ UNIVERSITY TRANSFER++#

EDU 230 Schools in Communities  
EDU 241 Learners and Diversity  
ECD 270 Foundation in Early Childhood Ed.  
ENG 207 Literature for Children  
MAT 250 Elementary Mathematics I  
MAT 251 Elementary Mathematics II

### ENGINEERING DESIGN TECHNOLOGY\*

EGT 152 Advanced CAD\*  
EGT 172 Electronic Drafting  
EGT 265 CAD/CAM Applications  
EGR 130 Engineering Technology App. and Programming\*  
AET 101 Building Systems I\*  
CIM 131 Computer Integrated Manufacturing\*

### ENGINEERING TECHNOLOGY/ INSTRUMENTATION++◆

CIM 131 Computer Integrated Manufacturing\*  
EET 113 Electrical Circuits I  
EET 140 Digital Electronics\*  
EGR 108 Engineering Ethics  
EGR 112 Engineering Programming  
EGR 130 Engineering Technology App. and Programming\*  
EGT 152 Fundamentals of CAD\*

### LOGISTICS

CPT 170 Microcomputer Applications  
LOG 110 Intro to Logistics  
LOG 111 Warehouse and Distribution Center Operations  
LOG 112 Automated Storage and Retrieval Systems OR  
LOG 114 GPS and GIS Applications in TD  
LOG 113 Material Handling Technology  
LOG 235 Traffic Management  
MGT 101 Principles of Management  
MGT 206 Management Spreadsheets

### MACHINE TOOL TECHNOLOGY+◆

CIM 131 Computer Integrated Manufacturing\*  
EGT 152 Fundamentals of CAD\*  
MTT 105 Machine Tool Math Applications  
MTT 120 Machine Tool Print Reading  
MTT 123 Machine Tool Theory I  
MTT 249 Intro to CAM  
MTT 111 Machine Tool Theory and Practice I  
MTT 112 Machine Tool Theory and Practice II

### MECHATRONICS/ ADVANCED MANUFACTURING++◆

AMT 105 Robotics and Automated Control I  
AMT 155 Principles of Maintenance  
AMT 205 Robotics and Automated Control II  
CIM 131 Computer Integrated Manufacturing\*  
EET 113 Electrical Circuits I  
EET 140 Digital Electronics\*  
EGT 152 Fundamentals of CAD\*  
EGR 130 Eng. Technology App. and Prog.\*  
IMT 131 Hydraulics and Pneumatics  
IMT 210 Basic Industrial Skills I OR  
IMT 211 Basic Industrial Skills II OR  
AMT 160 Principles of Quality and Continuous Improvement  
MAT 101 Beginning Algebra OR  
MAT 175 Algebra and Trigonometry I

### NURSING AND HEALTH SCIENCE++◆

AHS 104 Medical Vocabulary/Anatomy  
AHS 119 Health Careers  
AHS 136 Essentials of Anatomy and Physiology  
AHS 140 Therapeutics for Health  
AHS 141 Phlebotomy for the Health Care Provider  
AHS 144 Phlebotomy Practicum  
AHS 145 Electrocardiography  
AHS 149 Health Care Skills I  
AHS 155 Special Topics in Healthcare  
AHS 163 Long Term Care  
AHS 166 ECG in a Clinical Setting  
AHS 210 Nutrition for Health Care Professionals  
BIO 117 Basic Anatomy and Physiology I  
BIO 118 Basic Anatomy and Physiology II  
BIO 126 Career Options for Health Professionals  
BIO 210 Anatomy and Physiology I  
BIO 211 Anatomy and Physiology II  
EMS 105 Emergency Medical Care I  
EMS 106 Emergency Medical Care II  
EMS 208 EMS Field Internship I  
ENG 101 English Composition I  
MAT 102 Intermediate Algebra (or higher)  
PSY 201 General Psychology  
Humanities Elective (3 credits)

### SOILS AND SUSTAINABLE CROPS AGRICULTURE+ (CLEMSON TRANSFER)

ACC 101 Accounting Principles I OR  
BAF 101 Personal Finance  
AGR 201 Intro to Sustainable Agriculture  
AGR 202 Soils  
AGR 204 Intro to Plant Science  
AGR 205 Integrated Pest Management  
AGR 211 Applied Agriculture Calculations

### PROFESSIONAL TRUCK DRIVING PREPARATION

TDR 101 Intro to Truck Driving  
TDR 105 The Business of Truck Driving

### WELDING+◆

IMT 210 Basic Industrial Skills I  
IMT 211 Basic Industrial Skills II  
WLD 101 Cutting Processes  
WLD 103 Print Reading I  
WLD 106 Gas and Arc Welding  
WLD 111 Arc Welding I  
WLD 115 Arc Welding III  
WLD 118 Gas Metal Arc Welding Ferrous I  
WLD 120 Flux Cored Arc Welding I  
WLD 135 Inert Gas Welding of Aluminum

+ Career Pathway offered on campus only.

++ Career Pathway offered on campus and at designated off-campus sites.

# Students desiring to transfer should consult the list of 86 universally transferable courses available online at [www.che.sc.gov](http://www.che.sc.gov). Other courses may transfer under a specific articulation agreement. Articulation agreements can be found at [www.octech.edu/admissions/transfer-from-octech](http://www.octech.edu/admissions/transfer-from-octech).

⌘ Teacher Education students may use general education courses based on the college to which they plan to transfer. See transfer agreements on [www.sctrac.org](http://www.sctrac.org) for more information.

\* Project Lead the Way

◆ Youth apprenticeships and internships available

⇨ May transfer as an elective only