

**JONES COUNTY JUNIOR COLLEGE**  
**Career and Technical Education Division**  
**Catalog Addendum**  
**2006-2008**

The following program has been modified to reflect changes as highlighted in red and should be inserted on page 142 of the catalog. The program affected is Electronics Technology.

**Robotics Technology**

Robotics/automated systems technicians are technical specialists with broad based electromechanical skills who are familiar with electronic, mechanical, and computer-aided design, robotics, computer numerical control, or processing equipment and can set up automatic machines that work together as part of a total automated system. In this area of specialization, technicians can install, set up, troubleshoot, integrate, program, modify, test, operate, and repair systems and components. They are field service, installation, or service technicians and may work under the supervision of an engineer, as a member of a team, or supervise other technicians.

**Career Opportunities** -Robotics/automated systems specialist, Electronics Technician, Quality Control Technician, and Research and Development Technician

JONES COUNTY JUNIOR COLLEGE 142

**Program Length** - Four Semesters

**Degree** - Associate in Applied Science

**FRESHMAN YEAR**

**First Semester Hours**

EET 1114 DC Circuits .....	4
EET 1124 AC Circuits .....	4
EET 1613 Comp. Fund. of Electronics...	3
ENG 1113 English Comp. I .....	3
Academic Elective .....	3
	17

**Second Semester Hours**

EET 1214 Digital Electronics .....	4
EET 1334 Solid State Devices .....	4
ROT 1113 Fund. of Robotics .....	3
ENG 1123 English Comp. II .....	3
MAT 1313 College Algebra* .....	3
	17

**SOPHOMORE YEAR**

**First Semester Hours**

EET 1324 Microprocessors .....	4
EET 2334 Linear Integrated Circuits ...	4
ELT 1413 Motor Control Systems .....	3
ELT 2613 Prog. Logic Controllers .....	3
Academic Elective*** .....	3
	17

**Second Semester Hours**

EET 2414 Electronics Comm. ....	4
INT 1214 Fluid Power Systems .....	4
ROT 1313 Industrial Robotics .....	3
SPT 1113 Speech .....	3
Technical Elective** .....	3
	17

\*A combination of MAT 1233, Intermediate Algebra, and PHY 2244, Physical Science I, can be substituted for MAT 1313, College Algebra.

\*\*The technical elective is to come from courses with the prefix CNT, CST, EET, ELT, INT, ROT, TCT, or 3 hours of Work Based Learning

**\*\*\* Academic elective must be chosen from the following social/behavioral science courses: GEO 1113, HIS 1113, HIS 1123, HIS 2213, HIS 2223, PSC 1113, PSY 1513, or SOC 2113.**