

# DEPARTMENT OF ENGINEERING TECHNOLOGY

**Department Head:** Thomas M. Hall, Jr., *Professor*  
*Associate Professor:* Islam, Jannik, Nowlin, Simmons  
*Assistant Professors:* Baig, Brown, Withey

## Degree Programs Available Through the Department of Engineering Technology:

Associate of Science program in: Electronics Technology  
 Bachelor of Science programs in: Electronics Engineering Technology; Industrial Engineering Technology

The Bachelor of Science in Electronics Engineering Technology, the Bachelor of Science in Industrial Engineering Technology, and the Associate of Science in Electronics Technology are accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: (410) 347-7700.

## Electronics Engineering Technology

**Electronics Engineering Technology Major Requirements:** (64-67 semester hours) Students seeking a major in Electronics Engineering Technology must complete 64-67 semester hours, within the 125 semester hour Electronics Engineering Technology curriculum, which include the 45 semester hour Electronics Engineering Technology core and a 19-22 semester hour concentration.

Core: (45 semester hours) Electronics Engineering Technology 1300-1301, 1311, 1320-1321, 1330-1331, 2320-2321, 3310-3311, 3340-3341, 3360-3361, 4300-4301, 4390, 4940; Industrial Engineering Technology 1400, 1700; and three hours of technical electives<sup>1</sup>.

**Requirements for a Minor in Electronics Engineering Technology:** (22 semester hours) Electronics Engineering Technology 1300-1301, 1311, 1320-1321, 1330-1331, 2320-2321, 3310-3311 or 3340-3341 or 3360-3361, and Industrial Engineering Technology 1700.

### Available Concentrations:

**Electronics (141A):** (19 semester hours): Electronics Engineering Technology 4310-4311, 4350-4351, 4950; Industrial Engineering Technology 2790; and six additional hours of technical electives<sup>1</sup>.

**Biomedical (141B):** (22 semester hours): Biology 2220-2221, 2230-2231; and Biomedical Engineering Technology 3320-3321, 3370-3371, 4950 (6 hours).

## Curriculum for Electronics Engineering Technology (141)

FIRST YEAR	SEM. HRS.	SECOND YEAR	SEM. HRS.
Electronics Engineering Technology 1300-1301, 1311, 1320-1321, 1330-1331 .....	13	Biological Science <sup>2</sup> .....	0-3
English 1010, 1020 .....	6	Electronics Engineering Technology 2320-2321, 3340-3341, 3360-3361 .....	12
Industrial Engineering Technology 1700 .....	1	EET Concentration Area <sup>3</sup> .....	3-8
Mathematics 1810, 2020 .....	12	Industrial Engineering Technology 1400 .....	3
Orientation 1010 .....	<u>1</u>	Physics 2030-2031, 2040-2041 .....	<u>8</u>
	33		29-31
THIRD YEAR	SEM. HRS.	FOURTH YEAR	SEM. HRS.
Chemistry <sup>4</sup> .....	3	Economics 2000 .....	3
Communication 1010 .....	3	Electronics Engineering Technology 4940 .....	2
Computer Science 1060 <sup>5</sup> .....	3	EET Concentration Area <sup>3</sup> .....	6-8
Electronics Engineering Technology 3310-3311, 4300-4301, 4390 .....	11	Technical Electives <sup>1</sup> .....	3
EET Concentration Area <sup>3</sup> .....	8	Fine Arts 1040 .....	3
English 3230 .....	<u>3</u>	Health and Personal Fitness <sup>6</sup> .....	4
	31	History <sup>6</sup> .....	3
		Industrial Engineering Technology 4750 .....	3
		Social/Behavioral Science <sup>6</sup> .....	<u>3</u>
			30-32

Total Semester Hours for Degree: 125

### Footnotes

<sup>1</sup> Technical electives may be selected from any Biomedical Engineering Technology, Computer Science,

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Electronics Engineering Technology, or Industrial Engineering Technology courses, or Mathematics 2050.  
Electives may include a maximum of three hours of occupational field experience.

- <sup>2</sup> Students in the Biomedical concentration must take the Zoology courses specified within the concentration, students in the Electronics concentration area must meet the University core curriculum requirements for biological science
- <sup>3</sup> Chosen from concentration area
- <sup>4</sup> Students in the Electronics concentration take CHEM 1030, students in the Biomedical concentration take CHEM 1070
- <sup>5</sup> Meets the computer literacy requirement of the University core
- <sup>6</sup> Must meet the University core curriculum requirements