

TET TECHNICAL ELECTIVES

The program maintains a list of pre-approved Technical Electives from which you may choose. Other courses may also be acceptable, but if they are not already on the list you will need to request specific approval in writing from your advisor. Generally, if a specific new course is acceptable it will be added to the pre-approved list. TET Program policy on Technical Electives is as follows:

A technical elective is a technical course from CAST, GCCIS, or the COE (directly relevant to one's major). There will be no more than one community college or RIT 200 or 300 level courses and no more than one mathematics, business, finance, or management course (at any level) as a technical elective. All other technical elective courses in the program will be a 400 level courses or higher and will not repeat topics in required program technical courses.

The following courses are presented for your consideration in planning your technical electives. Those courses appearing on this list, although possibly not meeting the above requirements, are approved as Technical Electives for the Telecommunications Engineering Technology BS Program. Courses not appearing on this list can be requested for consideration of the Program Chair and, if approved for general use, will be added to this list.

Advanced Circuit Theory	0609-403
Control Systems	0609-404
Auto Data Acquisition	0609-414
Advanced Electronics	0609-442
Power Systems I	0609-550
Power Systems II	0609-552
Communication Systems II	0609-535
Digital Signal Processing	0609-547
Electro Optic Devices	0609-554
Applied Mechanics I	0610-408
Thermodynamics and Heat Transfer	0610-441
Robust Design	0610-570
Fiber Optic Telecom Technology	0614 520
Computers in Manufacturing	0617-410
Production and Operations Management I, II	0617-440,441
Introduction to Electronics Manufacturing	0617-455
Electronics Manufacturing with Surface Mount Technology	0617-456
Controls for Manufacturing Automation	0617-470
Embedded Systems Design I	0618-561
Embedded Systems Design II	0618-562
Embedded Systems Design III	0618-563
Health & Safety for Engineering Technology	0630-521
OS Scripting	4002-402
Systems Administration I, II	4002-412,422

(Course descriptions are available online)
(All courses listed are 4 credit hours unless indicated otherwise)