Additional Information for the Spring Semester

Welcome back to the Spring 2013 Semester. Here are a few additional pieces of information to help you with figuring out our various TCOM 590 and 690 courses and to help you with your course selection. This includes alternative offerings for 509/29, 519/39, and 548/556, new and exciting courses that are not yet listed in the catalog, additional options for satisfying the elective core requirement, and a list of courses that are available in distance education format.

Combined Courses
Like in other recent semesters, we are again offering one section of TCOM 509/29 and 519/39 as full-semester, 3 credit hour courses. Additionally, TCOM 548/556 will be offered as a 3 credit hour course. The course TCOM 590 section 002 titled "Comprehensive Voice over IP" is equivalent to the combination of TCOM 519 and TCOM 539. Similarly, one section of the TCOM 509/529 course pair is offered as TCOM 590 section 001 titled "Comprehensive IP". You can register for either TCOM 509 and TCOM 529 or for section 001 of TCOM 590. Finally, the course TCOM 590 004 titled "Security, Privacy, and Cryptography for Telecommunications" is equivalent to the combination of TCOM 548 and 556. All three courses are completely equivalent to their split-semester counterparts.

New Courses
We are again offering a number of new or recent courses to expand our offerings of courses at the high end. You can view the syllabi of the respective course for detailed information in addition to the following brief remarks. TCOM 690 003, Advanced Routing Lab [5], tackles advanced topics in routing in a hands-on manner. The new course, TCOM 690 002, Linux Network Infrastructure Services [6], is another hands-on course that introduces students to the role that Linux-based systems play in modern network infrastructures. This course was created in direct response to expressed student interest and important trends in the industry. All of the above courses can be used as electives for appropriate certificates: ANPT (TCOM 690 002, and TCOM 690 003) and NETT (TCOM 690 003).

Elective Core Options
Beyond the standard options for satisfying the elective core requirement (TCOM 514 or 515, and TCOM 750), students can again take either TCOM 590 DL1, Intellectual Property Strategies, or TCOM 590 006, Turning Ideas into Successful Companies. The course on Intellectual Property Strategies introduces students to legal aspects relevant for network engineers and emphasizes the critically important protection of inventions and other valuable intellectual property; it is offered in on-line format only (see below). Similarly, the course entitled "From Ideas to Successful Companies" is an enterpreneurial, hands-on course taught by successful entrepreneurs who will pass on invaluable experience about starting and operating a succesful business; this course is taught at the Arlington campus.

Distance Education Courses
The Spring 2013 will again have a number of courses offered in distance education format. A total of seven courses (TCOM 500, 501/02, 509/29, 590 004, 590 DL1, 610, 611, and 662) will be available in the synchronous, internet based format that we have used in recent years. As a reminder, students enrolled in the DL section of a course have the option to come to class and attend lectures in person or follow the class via the internet. Additionally, only students in the DL section have access to recorded lectures. Thus, the DL format is ideally suited not only for remote students but also for students who anticipate that they may have to miss a few lectures.

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