

Computer Science Department

Registration Newsletter for Fall 2017

Registration is around the corner! Start thinking about your courses for next semester.

Advising Window: March 20 – April 3

Note: some faculty members may offer advising appointments before the window begins, so check your email.

Registration Window: April 4 - 14

It is the policy of the CS department that all majors should meet with their academic advisors before registering for classes. **A registration hold has been automatically placed on your account and will be removed after the advising meeting.** Please watch for an email from your advisor asking you to make an advising appointment. Check PAWS for information on your advisor and registration date and time.

Fall 2017 Options Courses

CSC 350-01: Computer Graphics, M/TH, 12:30 – 1:50 PM, Dr. Salgian

(Prerequisites: CSC 230, 270, and MAT 127, all with a grade of C or higher, and MAT 205.)

This course is an introduction to the fundamentals underlying the design of computer graphics software. Takes an algorithmic approach to the study of graphic operations required to create a complex scene. The modeling and transformation process is stressed. Topics include 2D and 3D graphic elements and transformations, viewing and clipping, hierarchical modeling, 3D concepts and objects, solid geometry, 3D transformations and the viewing pipeline, visible surface detection, and lighting models.

CSC 360-01: Computer Networking, T/F, 2:00 – 3:20 PM, Dr. Li

(Prerequisites: CSC 230, 270, and MAT 127, all with a grade of C or higher)

This course introduces basic elements of modern computer and telecommunication networks. A hybrid five-layer reference model resembling the popular TCP/IP model is discussed. In each layer, the state-of-the-art hardware and software technologies are introduced. These include: fiber-optic and mobile/cellular communications; HTTP/WEB; TCP/UDP and ATM adaptation layer protocols; network security.

CSC 425-01: Compilers and Interpreters, M/TH, 9:30 – 10:50 AM, Dr. Yoon

(Prerequisites: CSC 230, 270, and MAT 127, all with a grade of C or higher)

This course balances the theory and practice, by applying theoretical principles within a software project. Topics: Formal language theory, regular expressions, finite state automata, Backus-Naur form grammars, formal and informal specification of semantics. Lexical analysis, parsing, scope analysis, type checking, and code generation. Issues of programming language design. Following an attribute grammar specification, students implement a compiler for an object-oriented language.

Couldn't get into the courses you wanted?

Complete the CS Department's Qualtrics Form in order to get on the wait-list (*after your registration window has closed*):

<https://goo.gl/M4zvu6>

Remember: you must complete your four-year planner *before* meeting with your advisor!

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Need help choosing your courses for the next few semesters?

Visit the department's advising webpage for more information on course planning, the suggested sequence, and requirements for internships and mentored research projects.

Reminder: all rising CS sophomores *must* take CSC 199 in Fall 2017

Please contact the CS office or your advisor if you have any questions.

Forcina Hall 413
Phone: (609) 771-2268
Email: cs@tcnj.edu
Fax: (609) 637-5190

Fall 2017 Computer Science Courses

199-01	W	10:00 – 10:50 AM	Dr. Li
199-02	W	10:00 – 10:50 AM	Dr. Bloodgood
199-03	W	10:00 – 10:50 AM	Dr. Mao
220-01	M/TH M	2:00 – 3:20 PM 11:00 AM – 12:20 PM	Staff
220-02	T/F T	9:30 – 10:50 AM 11:00 AM – 12:20 PM	Dr. Li
220-03	T/F T	11:00 AM – 12:20 PM 2:00 – 3:20 PM	Dr. Bloodgood
220-04	T/F F	3:30 – 4:50 PM 2:00 PM – 3:20 PM	Dr. Bloodgood
220-05	T/TH	5:30 – 7:30 PM	Staff
230-01	M/TH M	8:00 – 9:20 AM 11:00 AM – 12:20 PM	Dr. Mao
270-01	M/TH TH	9:30 – 10:50 AM 11:00 AM – 12:20 PM	Dr. Salgian
325-01	M/TH TH	9:30 – 10:50 AM 11:00 AM – 12:20 PM	Dr. Knox
325-02	M/TH TH	2:00 – 3:20 PM 3:30 PM – 4:50 PM	Dr. Knox
335-01	T/F	9:30 – 10:50 AM	Dr. Papamichail
335-02	T/F	11:00 AM – 12:20 PM	Dr. Papamichail
345-01	M/TH TH	2:00 – 3:20 PM 11:00 AM – 12:20 PM	Dr. Yoon
350-01	M/TH	12:30 – 1:50 PM	Dr. Salgian
360-01	T/F	2:00 – 3:20 PM	Dr. Li
415-01	T/F T	9:30 AM – 10:50 AM 11:00 AM – 12:20 PM	Dr. Pulimood
425-01	M/TH	9:30 – 10:50 AM	Dr. Yoon
435-01	M/TH	3:30 – 4:50 PM	Staff