Fall 2000 - Spring 2001

Welcoming Students and Faculty:

I would like to welcome our new students to the CS program and send greetings to those who are continuing. I am enclosing a copy of our schedule of computer science classes for Fall 2000 and Spring 2001 to help you in planning your courses for next academic year.

Dr. Dana Vrajitoru will be joining us in the Spring of 2001. Dr. Vrajitoru's specialty is in computer graphics and scientific visualization. She received her Ph.D. in computer science in 1998 and has been working as a postdoc for the past 2 years. We welcome her to our department.

Upper Level Elective Courses:

Dr. Vrajitoru will be teaching the C481 Computer Graphics course during Spring 2001 semester. She has written the following course description:

> C481 Interactive Computer Graphics. P:C243,C335, M301. An introduction to interactive programming: design and implementation of graphical user interfaces (GUI). Fundamentals of modern interactive graphics: image representation and processing, geometrical modeling, data structures, rendering, animation, virtual reality, hardware and software. No prior background in graphics is needed, although a good background in C++ programming and data structures is required. Prior completion of a geometry course is recommended. Some familiarity with computer architecture is assumed.

Please note that if you have already taken a C490 Computer Graphics course, then you cannot take the above C481 course for credit. Also, if you are planning to take C481, you should

plan to have all the prerequisites completed by end of the Fall semester.

The other upper-level elective courses offered this year are C442 Database Systems, which I will be teaching in the Fall, and C490 Advanced PC Techniques, which Dr. John Russo will be teaching in the Spring 2001. Here is a brief description for these two courses:

> C442 Database systems. P: C308, The fundamental concepts, theory, and practices in the design and implementation of database management systems: data independence; data modeling; entity relationship modeling; functional dependencies; normalization; relational, hierarchical, network, and object oriented data models; relational algebra; relational calculus; data definition and manipulation languages; recovery; concurrency; security; integrity of data.

> C490 Advanced PC techniques. P: C243 and C335. C490 is a course that takes a close look at "PCs", computers that use Intel-based microprocessors. The course starts at a low level (hardware) and finishes at a high level (Windows programming environment). The PC world changes rapidly and the course must also be periodically updated to keep up with the changes. Some of the likely topics are: PC Hardware, ROM BIOS, batch files, event driven programming, visual programming tools, security, viruses, worms. Hopefully, the course will help you to become a "PC guru".

Changes to the Schedule:

Unfortunately, the C441 Information Organization and Retrieval course will not be offered in the Fall. Due to unforseen events, we had to cancel C441 and reschedule a number of other courses.   Those of you who have preregistered for the Fall should double check the attached schedule for possible adjustments. (See C201, C251, C335).

Dr. Knight will be teaching the C311 Organization of Programming Languages course.

Dr. Yajnik will be teaching the C435 Operating Systems course in the Spring 2001.

Internship:

Y398 Internship/Professional Practice is additionally offered on a limited basis. Students who take this course earn both a salary and 3 credits toward their CS degree while working 15 to 20 hours/week. Prerequisites include C308, C335, and one more course above the level of C243. Interested students can contact me or John Russo (237-4297, Northside 319, jrusso@iusb.edu).

Advising:

If you have questions or need advising for the Fall 2000, or Spring 2001 semesters, feel free to contact me, Dr. Russo or Dr. Knight. My office hours are listed on my home page given below, during which time I would be happy to provide academic advising. I am also available by appointment or drop-in.

1999-2000 Computer Science Graduates:

Bachelor of Science	Jiang Ping Chai
Jeremiah A. Brown	Rehima W. Kamau
Brian Todd Pietrzak	Robert Patrick Nacu
Amber Nicole Byers	Todd B. Schavee
Joshua J. Culp	Almir Tucek
Richard Ross Dukeshier	
Yan Fu	**Associate of Science**
Marsella W. Lewis	Scott A. Lies
Christopher David Remley	Yajuan Zhang
Bruce E. Simms	Matthew Lynn Holcomb
Douglas S. Sisco	Douglas A. Whitmer
Adam Barker	Felicia Renae Davis

1999-2000 Excellence Award Winners:

Each year the computer science faculty has the pleasure of selecting the excellence award winners in our program. The criteria for selection is primarily based on academic achievement, but that is not the only criterion. Our award winners this year are all graduating seniors with excellent computer science as well as overall academic achievements. During their studies at IUSB, much has been expected of these students, and they have been consistent in their efforts to excel.

The computer science faculty congratulates our Y2K Excellence Award Winners.

Amber Byers
Yan Fu
Marsella W. Lewis

Farewell to Josh Tenenberg:

Finally, I would like to inform you of Professor Josh Tenenberg's decision to join the Computer Science Department at University of Washington in Tokoma.   We thank him for his years of service and contributions to our programs, our students and our campus. We wish Josh and Jody Wright-Tenenberg a fond farewell. You may contact Josh via his IUSB home page at www.cs.iusb.edu/~josh.

Sincerely,

Hossein Hakimzadeh, Ph.D.
Associate Chair for Computer Science
Northside 335
(219) 237-4517
hhakimza@iusb.edu
http://cosmos.iusb.edu/hossein

You may obtain additional information about computer science programs, courses, laboratories and faculty at our new URL. http://www.cs.iusb.edu