Computer Science Supplementary Form – West Lafayette

Applicant Name: **Nafiul Rashid**

The three areas listed below reflect the areas of the core courses that are required to obtain a CS degree at Purdue. A solid background in these areas is necessary to succeed in our graduate program.

Please complete the Course Information section by entering the college and university level courses that you have taken, are taking currently, or that you plan to take before entering this department in the areas listed below. Refer to the application CS supplemental form for complete instructions.

CS: Compilers / Programming Languages			
Course Title Computer Programming	*Textbook* 1. Teach yourself C, Author: Herbert Schildt Tata McGraw-Hill Publications Ltd. 2. Programming in ANSI C, Author: E. Balagurusamy 3. Programming Challenges: The programming Contest, Author: Steven S. Skiene, Miguel A. Reville		
Institution Islamic University of Technology	*Semester* Second	*Grade* A+	*Credit* 3.0
Course Title Object Oriented Programming	*Textbook* 1. Object-Oriented Programming in C++, Author: Robert Lafore – 4th edition 2. Teach yourself C++, Author: Herbert Schildt Tata McGraw-Hill Publications Ltd. 3. C++: How to program, Author: Deitel H M and Deitel P J, Prentice-Hall.		
Institution Islamic University of Technology	*Semester* Third	*Grade* A+	*Credit* 3.0
Course Title Compiler Design	*Textbook* 1. Compiler Principles Techniques and Tools, Author: Aho, Sethi, Ullman		
Institution Islamic University of Technology	*Semester* Eighth	*Grade* A+	*Credit* 3.0

CS: Data Structures & Algorithms			
Course Title Data Structures	*Textbook* 1. Data Structures, Author: Seymour Lipschutz 2. Fundamentals of Data Structures, Author: Horowitz E and Sahni S Galgotia 1985		
Institution Islamic University of Technology	*Semester* Third	*Grade* A+	*Credit* 3.0
Course Title Algorithms	*Textbook* 1. Introduction to Algorithms, Author: Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein.		
Institution Islamic University of Technology	*Semester* Fourth	*Grade* A+	*Credit* 3.0
Course Title	*Textbook*		

Institution	Semester	Grade	Credit

CS: OS / Networking

Course Title	Textbook		
Operating Systems	*1. Operating System Concepts, Author: Silberchatz, Galvin, Gagne, 7th edition* *2. Modern Operating Systems, Author: Tanenbaum A S, Prentice Hall, 1992*		

Institution	Semester	Grade	Credit
Islamic University of Technology	*Fifth*	*A+*	*3.0*

Course Title	Textbook		
Data and Telecommunications	*1. Data and Telecommunication, Author: Behrouz A. Forouzan* *2. Data and Telecommunication, Author: Stalling*		

Institution	Semester	Grade	Credit
Islamic University of Technology	*Fourth*	*A+*	*3.0*

Course Title	Textbook		
Computer Networks	*1. Data Communications and Networking, Author: Behrouz A Forouzan* *2. Computer Networks a System Approach, Author: Larry L. Peterson and Bruce S. Davie* *3. Computer Networks, Author: Tanenbaum A S*		

Institution	Semester	Grade	Credit
Islamic University of Technology	*Sixth*	*A+*	*3.0*