

**Department of Computer Science**

Textbook Listing

Winter 2012

<b>Course</b>	<b>Title</b>	<b>Author</b>	<b>Publisher</b>	<b>ISBN#</b>	<b>Instructor</b>
COMP 1510-001	Fortran 90 for Engineers and Scientists	Larry Nyhoff and Sanford Leestma	Pearson	978-0135197295	S. Bungay
COMP 1600-056	NO TEXTBOOK REQUIRED				R. Gupta
COMP 1700-001	Invitation to Computer Science, 5 <sup>th</sup> Edition Invitation to Computer Science Laboratory Manual, 5 <sup>th</sup> Edition	Schneider and Gersting Lambert and Whaley	Nelson/Cengage Nelson/Cengage	978-0324788594 978-0324788631	P. Gillard
COMP 1710-001	Big Java, 4 <sup>th</sup> Edition	Cay S. Horstmann	John Wiley & Sons	978-0470509487	K. Vidyasankar
COMP 2000-001	Complexity: A Guided Tour	Malanie Mitchell	Oxford	978-0195124415	E. Brown/T. Wareham/ A. Kolokolova
COMP 2650-001	Microsoft Office 2007 Brief	Marjorie Hunt, Barbara Waxer	Course Technology	978-1423905165	R. Gupta
COMP 2710-001	Big Java, 4 <sup>th</sup> Edition	Cay S. Horstmann	John Wiley & Sons	978-0470509487	R. Byrne
COMP 2711-001	Data Structures and Algorithms in Java, 5 <sup>th</sup> Edition	Goodrich and Tamassia	John Wiley & Sons	978-0470383261	D. Batten
COMP 2742-001	NO TEXTBOOK REQUIRED				M. Bartha
COMP 3714-001	Programming Languages: Principles and Practice, 3 <sup>rd</sup> Edition	K.C Loudon, K.A. Lambert	Cengage Learning	978-1111529413	M. Bartha
COMP 3715-001	Web Application Architecture, Principles, Protocols and Practices, 2 <sup>nd</sup> Edition	Leon Shklar and Rich Rosen	John Wiley & Sons	978-0470518601	J. Tang

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COMP 3716-001	Uses Cases: Requirements in Context, 2 <sup>nd</sup> Edition (2004) Applying UML and Patterns, 3 <sup>rd</sup> Edition (2004)	Kulak, Daryl and Guiney, Eamonm Larman, Craig	Addison-Wesley Prentice-Hall	978-0321154989 978-0131489066	T. Wareham
COMP 3718-001	Object-Oriented Software Development Using Java, 2 <sup>nd</sup> Edition The Practice of Programming, 1 <sup>st</sup> Edition	Jia, X  Kernighan, B.W. and Pike, R.	Addison-Wesley  Addison-Wesley	978-0201737332  978-0201615869	T. Wareham
COMP 3719-001	Introduction to the Theory of Computation, 2 <sup>nd</sup> Edition	M. Sipser	Course Technology, 2005	978-0534950972	A. Kolokolova
COMP 3724-001	NO TEXTBOOK REQUIRED				A. Deb
COMP 3725-001	NO TEXTBOOK REQUIRED				A. Deb
COMP 3754-001	Fundamentals of Database Systems, 6 <sup>th</sup> Edition Artificial Intelligence: Structures and Strategies for Complex Problem Solving, 6 <sup>th</sup> Edition	R. Elmasri and S. Navanthe G. Luger	Addison-Wesley Addison-Wesley	978-0136086208 978-0321545893	J. Shieh
COMP 4734-001	Matrix Computations, 3 <sup>rd</sup> Edition	Golub and VanLoan	The Hopkins University	978-0801854149	G. Miminis
COMP 4746-001	NO TEXTBOOK REQUIRED				K. Vidyasankar
COMP 4751-001	NO TEXTBOOK REQUIRED				M. Gong
COMP 4756-001	Digital Image Processing, 3 <sup>rd</sup> Edition	Rafael C. Gonzalez, Richard E. Woods	Prentice Hall	978-0131687288	K. Vidyasankar
COMP 4770-001	NO TEXTBOOK REQUIRED				A. Fiech
COMP 6732-001	Matrix Computations, 3 <sup>rd</sup> Edition	Golub and VanLoan	The Hopkins University Press	978-0801854149	G. Miminis

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COMP 6752-001	NO TEXTBOOK REQUIRED				M. Gong
COMP 6756-001	NO TEXTBOOK REQUIRED				S. Lu
COMP 6770-001	NO TEXTBOOK REQUIRED				K. Vidyasankar
COMP 6783-001	Introduction to Algorithms, 3 <sup>rd</sup> Edition	T.H. Cormen, C. E. Leiserson, R.L. Rivest, C. Stein	MIT Press, 2009	978-0262033848	A. Kolokolova
COMP 6784-001	NO TEXTBOOK REQUIRED				M. Gong

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