

Summer 2008 Course Schedule

Engineering and Applied Science Programs for Professionals



Excellent Example:

Jack Lum, a Student in EPP's Electrical and Computer Engineering Master's program, says the program already has had a huge impact on his career.



**Register Online
at www.epp.jhu.edu**

Applied and Computational Mathematics

Applied Physics Laboratory

625.201.31 General Applied Mathematics (Open)

TU 5:00 PM-6:55 PM 06/03/2008 - 08/12/2008 Room: L-6 \$1,430 Davis, C.

TH 5:00 PM-6:55 PM

Notes: 11 week course. No class July 3.

625.436.31 Graph Theory (Open)

TU 5:00 PM-8:05 PM 06/03/2008 - 07/10/2008 Room: K-2 \$2,600 DeVinney, J.

TH 5:00 PM-8:05 PM

Notes: 6 week course.

625.703.31 Functions of a Complex Variable (Open)

W 5:00 PM-8:50 PM 06/04/2008 - 08/13/2008 Room: K-7 \$2,600 Whisnant, J.

Notes: 11 week course. No class July 23.

625.714.31 Introductory Stochastic Differential Equations with Applications (Open)

W 4:30 PM-7:35 PM 06/04/2008 - 08/20/2008 Room: L-6 \$2,600 Burkhardt, J.

Notes: 12 week course.

Montgomery County Campus

625.409.71 Matrix Theory (Open)

TU 04:30PM-07:50PM 06/03/2008 - 08/19/2008 Room: A&R213 \$2,600 Rio, D.

Applied Biomedical Engineering

Applied Physics Laboratory

585.209.31 Organic Chemistry (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 07/09/2008 Room: K-6 \$1,430 Potember, R.

W 4:30 PM-7:35 PM

Notes: 6 week course.

Applied Physics

615.441.31 Mathematical Methods for Physics and Engineering (Open)

TU 4:30 PM-7:35 PM 07/15/2008 - 08/21/2008 Room: K-2 \$2,600 Adelman, P.

TH 4:30 PM-7:35 PM

Notes: 6 week course.

615.451.31 Statistical Mechanics and Thermodynamics (Open)

W 7:00 PM-10:05 PM 06/04/2008 - 08/20/2008 Room: L-3 \$2,600 Kundu, P.

Notes: 12 week course.

615.480.31 Materials Science (Open)

TU 4:30 PM-7:35PM 06/03/2008 - 07/10/2008 Room: K-4 \$2,600 Charles, H.

TH 4:30 PM-7:35 PM

Notes: 6 week course.

Civil Engineering

Homewood Campus

565.430.1 Structural Design with Timber, Masonry, and Other Materials (Open)

TU 6:00PM-9:00PM 06/03/2008 - 08/19/2008 Room: Ames 218 \$2,600 Sangree, R.

Notes: Moved from Dorsey (5/2/2008)

Computer Science

Applied Physics Laboratory

605.201.31 Introduction to Programming Using Java (Open)

TU 4:30 PM-6:55 PM 06/03/2008 - 08/07/2008 Room: K-3 \$1,430 Ferguson, D.

TH 4:30 PM-6:55 PM

Notes: 10 week course. No class July 8, July 10, July 15, and July 17.

605.204.31 Computer Organization (Open)

M 4:30 PM-6:55 PM 06/02/2008 - 07/23/2008 Room: K-2 \$1,430 Malcom, H.

W 4:30 PM-6:55 PM

Notes: 8 week course.

605.401.31 Foundations of Software Engineering (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 07/09/2008 Room: K-5 \$2,600 Gieszl, L.

W 4:30 PM-7:35 PM

Notes: 6 week course.

605.404.31 Object-Oriented Programming with C++ (Open)

TU 7:00 PM-9:25 PM 06/03/2008 - 08/07/2008 Room: K-3 \$2,600 Ferguson, D.

TH 7:00 PM-9:25 PM

Notes: 10 week course. No class July 8, July 10, July 15, and July 17.

605.411.31 Foundations of Computer Architecture (Open)

TU	4:30 PM-6:55 PM	06/03/2008 - 07/24/2008	Room: L-2	\$2,600	Malcom, H.
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TH	4:30 PM-6:55 PM				
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Notes: 8 week course.

605.421.31 Foundations of Algorithms (Open)

TU	7:00 PM-9:25 PM	06/03/2008 - 07/23/2008	Room: K-1	\$2,600	Sadowsky, J.
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W	7:00 PM-9:25 PM				
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Notes: 8 week course. ** Class will be canceled for June 16th and the 17th. Class will resume next week**

605.424.31 Logical Foundations of Computer Science (Open)

M	4:30 PM-7:35 PM	06/02/2008 - 07/09/2008	Room: K-3	\$2,600	Waddell, R.
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W	4:30 PM-7:35 PM				
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Notes: 6 week course.

605.441.31 Principles of Database Systems (Open)

TU	4:30 PM-7:35 PM	06/03/2008 - 08/19/2008	Room: L-3	\$2,600	Immer, E.
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Notes: 12 week course.

605.444.31 XML: Technology and Applications (Closed)

TH	4:30 PM-7:35 PM	06/05/2008 - 08/21/2008	Room: K-5	\$2,600	Silberberg, D.
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Notes: 12 week course. Cross listed with 635.444.31.

605.445.31 Artificial Intelligence (Open)

M	4:30 PM-7:35 PM	06/02/2008 - 08/18/2008	Room: K-4	\$2,600	Sheppard, J.
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Notes: 12 week course.

605.471.31 Principles of Data Communications Networks (Open)

M	4:30 PM-7:10 PM	06/02/2008 - 07/17/2008	Room: L-3	\$2,600	Nieparent, R.
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TH	4:30 PM-7:10 PM				
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Notes: 7 week course.

605.481.31 Distributed Development on the World Wide Web (Open)

TU	4:30 PM-7:35 PM	06/03/2008 - 08/19/2008	Room: K-224	\$2,600	Spiegel, R.
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Notes: 12 week course.

Dorsey Center**605.202.91 Data Structures (Open)**

TU 4:30 PM-7:55 PM 06/03/2008 - 08/19/2008 Room: D210 \$1430 Chlan, E.

Notes: 12 week course.

605.704.91 Object-Oriented Analysis and Design (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008 Room: D208 \$2,600 Schepers, J.

Notes: 12 week course.

Montgomery County Campus**605.401.71 Foundations of Software Engineering (Open)**

SA 09:00AM-12:05PM 06/07/2008 - 08/23/2008 Room: GH201 \$2600.00 Schappelle, S.

605.411.71 Foundations of Computer Architecture (Open)

M 04:30PM-07:35PM 06/02/2008 - 07/10/2008 Room: GH201 \$2,600 Beser, N.

TH 04:30PM-07:35PM

605.414.71 System Development in the UNIX Environment (Open)

M 06:45PM-10:00PM 06/02/2008 - 07/10/2008 Room: GH203 \$2,600 Ching, P.

W 06:45PM-10:00PM

605.421.71 Foundations of Algorithms (Open)

SA 09:00AM-12:05PM 06/07/2008 - 08/23/2008 Room: GH216 \$2,600 Lew, W.

605.441.71 Principles of Database Systems (Open)

M 06:55PM-10:00PM 06/02/2008 - 07/10/2008 Room: A&R213 \$2,600 Kung, D.

TH 06:55PM-10:00PM

605.456.71 Computational Drug Discovery and Development (Open)

TU 07:00PM-10:00PM 06/03/2008 - 08/19/2008 Room: GH201 \$2,600 Kumar, S.

605.471.71 Principles of Data Communications Networks (Open)

TU 06:30PM-09:15PM 06/03/2008 - 07/24/2008 Room: GH203 \$2,600 Boules, R.

TH 06:30PM-09:15PM

605.478.71 Cellular Communications Systems (Open)

SA 09:00AM-12:50PM 06/07/2008 - 08/23/2008 Room: GH203 \$2,600 Shyy, D.

605.704.71 Object-Oriented Analysis and Design (Open)

M 04:30PM-07:35PM 06/02/2008 - 08/18/2008 Room: A&R208 \$2,600 Demasco, J.

605.772.71 Network Management (Open)

W 06:00PM-09:50PM 06/04/2008 - 08/20/2008 Room: GH201 \$2,600 Krishnan, I.

Notes: ** The first class meeting has been cancelled** Class will begin on June 11th.**605.785.71 Web Services: Framework, Process, and Applications (Open)**

W 06:00PM-09:50PM 06/04/2008 - 08/06/2008 Room: A&R213 \$2,600 Felikson, L.

Online**605.452.81 Biological Databases and Database Tools (Open)**

06/02/2008 - 08/23/2008 Room: \$2,600 Hobbs, E.

605.481.81 Distributed Development on the World Wide Web (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Evans, R.

605.743.81 The Semantic Web (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Addison, E.

605.773.81 High-Speed Networking Technologies (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Krishnan, I.

605.777.81 Internetworking with TCP/IP II (Open)

06/02/2008 - 08/23/2008 Room: \$2,600 Nieporent, R.

605.784.81 Enterprise Computing with Java (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Felikson, L.

605.791.81 New Technical Ventures (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Addison, E.

Electrical and Computer Engineering

Applied Physics Laboratory

525.407.31 Introduction to Electronic Packaging (Closed)

TU 4:30 PM-7:35 PM 07/15/2008 - 08/21/2008 Room: K-4 \$2,600 Charles, H.
 TH 4:30 PM-7:35 PM

Notes: 6 week course.

525.419.31 Introduction to Digital Image and Video Processing (Open)

TH 7:00 PM-10:05 PM 06/05/2008 - 08/21/2008 Room: L-4 \$2,600 Nasrabadi, N.

Notes: 12 week course.

525.436.31 Optics and Photonics Laboratory (Open)

M 7:00 PM-9:25 PM 06/02/2008 - 07/23/2008 Room: L-5 \$2,600 Sova, R.
 W 7:00 PM-9:25 PM Terry, D.

Notes: 8 week course.

525.445.31 Modern Navigation Systems (Closed)

M 7:20 PM-10:00 PM 06/09/2008 - 07/23/2008 Room: L-4 \$2,600 Jablonski, D.
 W 7:20 PM-10:00 PM

Notes: 7 week course.

525.738.31 Advanced Antenna Systems (Open)

M 7:00 PM-10:05 PM 06/02/2008 - 08/18/2008 Room: K-2 \$2,600 Weiss, S.

Notes: 12 week course.

525.778.31 Design for Reliability, Testability, and Quality Assurance (Closed)

M 4:30 PM-7:10 PM 06/09/2008 - 07/23/2008 Room: L-4 \$2,600 Jablonski, D.
 W 4:30 PM-7:10 PM

Notes: 7 week course.

525.779.31 RF Integrated Circuits (First Time Offered)

TU 4:30 PM-7:35 PM 06/03/2008 - 08/19/2008 Room: K-5 \$2,600 Penn, J.
 Meitzler, R.

Notes: 12 week course.

525.796.31 Introduction to High-Speed Electronics and Optoelectronics (Closed)

M 4:30 PM-6:55 PM 06/02/2008 - 07/23/2008 Room: L-2 \$2,600 Sova, R.
 W 4:30 PM-6:55 PM Vichot, P.

Notes: 8 week course.

Dorsey Center**525.414.91 Probability and Stochastic Processes for Engineers (Open)**

M 4:30 PM-6:55 PM 06/02/2008 - 07/23/2008 Room: D212 \$2,600 Ambrose, H.
 W 4:30 PM-6:55 PM

Notes: 8 week course.

525.416.91 Communication Systems Engineering (Open)

TH 4:30 PM-8:45 PM 06/05/2008 - 07/31/2008 Room: D211 \$2,600 Alexander, C.

Notes: 9 week course.

525.427.91 Digital Signal Processing (Open)

M 7:00 PM-9:25 PM 06/02/2008 - 07/23/2008 Room: D212 \$2,600 Ambrose, H.
 W 7:00 PM-9:25 PM

Notes: 8 week course.

525.791.91 Microwave Communications Laboratory (Open)

TU 7:00 PM-10:05 PM 06/17/2008 - 07/31/2008 Room: D202 \$2,600 Everett, J.
 TH 7:00 PM-10:05 PM Fazi, C.

Notes: 7 week course. No class July 17 and July 22

Montgomery County Campus**525.416.71 Communication Systems Engineering (Canceled)**

SA 09:00AM-12:50PM 06/07/2008 - 08/09/2008 Room: GH325 \$2,600 Lee, R.

525.721.71 Advanced Digital Signal Processing (Open)

M 04:30PM-07:35PM 06/02/2008 - 08/18/2008 Room: A&R205 \$2,600 Najmi, A.

525.761.71 Wireless and Wireline Network Integration (Open)

SA 01:00PM-04:50PM 06/07/2008 - 08/09/2008 Room: GH325 \$2,600 Lee, R.

Online**525.438.81 Introduction to Wireless Technology (Closed)**

06/02/2008 - 08/23/2008

Room:

\$2,600

Roddewig, R.

Environmental Engineering, Science and Management**Dorsey Center****575.407.91 Radioactive Waste Management (Open)**

TU 6:00 PM-9:05 PM 06/03/2008 - 08/19/2008

Room: D212

\$2,600

Lightner, R.

Notes: 12 week course.

575.440.91 Geographic Information Systems (GIS) and Remote Sensing for Environmental Applications (Open)

TH 06:00 PM-09:05 PM 06/05/2008 - 08/21/2008

Room: D210

\$2,600

Roper, W.

Notes: 12 week course.

Homewood Campus**575.404.1 Principles of Environmental Engineering (Closed)**

W 6:00 PM-9:05 PM 06/04/2008 - 08/20/2008

Room: Ames 218 \$2,600

Alavi, H.

575.435.1 Environmental Law for Engineers and Scientists (Open)

M 6:00 PM-9:05 PM 06/02/2008 - 08/18/2008

Room: Ames 218 \$2,600

James, R.

575.713.1 Field Methods in Habitat Analysis and Wetland Delineation (Canceled)

SA 9:00 AM-12:05 PM 06/07/2008 - 08/23/2008

Room: Hodson 313 \$2,600

Hilgartner, W.

Online**575.704.81 Applied Statistical Analyses and Design of Experiments for Environmental Applications (Open)**

06/02/2008 - 08/23/2008

Room:

\$2,600

Bodt, B.

575.747.81 Environmental Project Management (Closed)

06/02/2008 - 08/23/2008

Room:

\$2,600

Toussaint, C.

Washington DC Center**575.711.51 Climate Change and Global Environmental Sustainability (Open)**

W 06:00PM-09:50PM 06/18/2008 - 08/20/2008

Room: TBA

\$2600

Robert, M.

Notes: **Note: 1st class on 6/18/2008. Classroom to be announced later.

Information Systems and Technology

Applied Physics Laboratory

635.411.31 Foundations of Networking and Telecommunications (Open)

W 4:30 PM-7:35 PM 06/04/2008 - 08/20/2008 Room: K-4 \$2,600 Burbank, J.

Notes: 12 week course.

635.444.31 XML: Technology and Applications (Closed)

TH 4:30 PM-7:35 PM 06/05/2008 - 08/21/2008 Room: K-5 \$2,600 Silberberg, D.

Notes: 12 week course. Cross listed with 605.444.31.

Independent Study/Project

635.795.21 Information Systems and Technology Capstone Project (Open)

06/02/2008 - 08/23/2008 Room: \$2,600 Piorkowski, J.

Notes: Contact John Piorkowski for detail (443-778-6510)

Montgomery County Campus

635.413.71 IP Networking and Applications (Canceled)

M 04:30PM-07:15PM 06/02/2008 - 07/24/2008 Room: GH216 \$2,600 Romano, J.

TH 04:30PM-07:15PM

Notes: * No class on 6/30 & 7/3

635.421.71 Foundations of Decision Support Systems (Open)

W 06:00PM-09:50PM 06/04/2008 - 08/06/2008 Room: A&R211 \$2,600 Felikson, T.

635.482.71 Web Site Development (Open)

TU 06:55PM-10:00PM 06/03/2008 - 07/10/2008 Room: A&R211 \$2,600 Noble, J.

TH 06:55PM-10:00PM

Mechanical Engineering

Dorsey Center

535.458.91 Design for Manufacturability (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008 Room: D210 \$2,600 Ivester, R.

Notes: 12 week course.

Systems Engineering

Applied Physics Laboratory

645.467.31 Management of Systems Projects (Open)

TH 7:00 PM-10:05 PM 06/05/2008 - 08/21/2008 Room: K-6 \$2,600 Holbrook, T.

Notes: 12 week course.

645.753.31 Enterprise Systems Engineering (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008 Room: K-8 \$2,600 Utara, C.

Notes: 12 week course. This course is available only to those admitted to the Advanced Certificate for Post Master's study.

Independent Study/Project

645.770.21 Systems Engineering Project (Open)

06/02/2008 - 08/23/2008 Room: \$2600 Seymour, S.

Notes: This course section (21) will be used for all locations.

Montgomery County Campus

645.769.71 System Test and Evaluation (Closed)

TU 04:30 PM-07:35 PM 06/03/2008 - 08/19/2008 Room: GH216 \$2,600 Britcher, R.

Online

645.467.81 Management of Systems Projects (Closed)

06/02/2008 - 08/23/2008 Room: \$2,600 Utara, C.
Seymour, S.

Technical Management

Applied Physics Laboratory

595.460.31 Introduction to Project Management (Open)

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008 Room: K-7 \$2,600 Krueger, D.
Finlayson, R.

Notes: 12 week course.

595.464.31 Project Planning and Control (Open)

TU 4:30 PM-7:35 PM 06/03/2008 - 08/19/2008 Room: K-7 \$2,600 Pardoe, C.
Campbell, M.

Notes: 12 week course.

595.465.31 Communications in Technical Organizations (Closed)

TH 04:30 PM-07:35 PM 06/05/2008 - 08/21/2008 Room: K-7 \$2,600 Moazami, M.
Williamson, R.
Thompson, P.

Notes: 12 week course.

595.465.32 Communications in Technical Organizations (Closed)

W 04:30 PM-07:35 PM 06/04/2008 - 08/20/2008 Room: K8 \$2,600 Williamson, R.
Moazami, M.
Thompson, P.

Notes: Added new section.

595.466.31 Financial and Contract Management (Closed)

TH 4:30 PM-7:35 PM 06/05/2008 - 08/21/2008 Room: K-8 \$2,600 Langhauser, N.
Williamson, R.

Notes: 12 week course.

595.466.32 Financial and Contract Management (Closed)

TH 04:30 PM-07:35 PM 06/05/2008 - 08/21/2008 Room: K1 \$2,600 Williamson, R.
Warner, S.

Notes: New section added.

595.763.31 Software Engineering Management (Closed)

TU 4:30 PM-7:35 PM 06/03/2008 - 08/19/2008 Room: K-8 \$2,600 Saunders, R.
Thomas, C.

Notes: 12 week course.

Dorsey Center**595.464.91 Project Planning and Control (Open)**

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008 Room: D211 \$2,600 Wheeler, F.
McLoughlin, M.

Notes: 12 week course.

595.763.91 Software Engineering Management (Closed)

W 4:30 PM-7:35 PM 06/04/2008 - 08/20/2008 Room: D213 \$2,600 Hopkins, M.
Biemer, S.
Reid, M.

Notes: 12 week course.

Online**595.763.81 Software Engineering Management (Closed)**

06/02/2008 - 08/23/2008

Room:

\$2,600

Hopkins, M.

Biemer, S.

Reid, M.

Southern MD Higher Education Center**595.464.46 Project Planning and Control (Open)**

TH 4:30 PM-7:35 PM 06/05/2008 - 08/21/2008

Room: TBD

\$2,600

Utara, C.

Trent, C.

McHugh, E.

Notes: 12 week course.**595.763.46 Software Engineering Management (Closed)**

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008

Room: TBD

\$2,600

Taylor, L.

Ansalvish, P.

Notes: 12 week course.**595.766.46 Advanced Technology (Closed)**

M 4:30 PM-7:35 PM 06/02/2008 - 08/18/2008

Room: TBD

\$2,600

Suter, J.

Notes: 12 week course.