



**AUTHORIZED  
INFORMATION TECHNOLOGY SCHEDULE PRICELIST  
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY  
EQUIPMENT, SOFTWARE AND SERVICES**

**Note:** Intertech, Inc wishes to participate under the Cooperative Purchasing and Recovery Purchasing programs. The following SINs are available to state and local governments: 132-50; 132-51

Special Item No. 132-50 Training Courses

Special Item No. 132-51 Information Technology Professional Services

Note: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

**SPECIAL ITEM NUMBER 132-50 - TRAINING COURSES (FPDS Code U012)**

**SPECIAL ITEM NUMBER 132-51 - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES**

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT Systems Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design and Integration Services
FPDS Code D308	Programming Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D313	Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
FPDS Code D316	IT Network Management Services
FPDS Code D317	Creation/Retrieval of IT Related Automated News Services, Data Services, or Other Information Services (All other information services belong under Schedule 76)
FPDS Code D399	Other Information Technology Services, Not Elsewhere Classified

**Note 1:** All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

**Note 2:** Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

**Note 3:** This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

**Intertech, Inc.**

**1020 Discovery Road, Suite 145**

**Eagan, MN 55121-2096**

**Phone: 651-994-8558**

**Fax: 651-994-9119**

**[www.intertech.com](http://www.intertech.com)**

Contract Number: **GS-35F-0288X**

DUNS: **869412023**

Period Covered by Contract: **March 21, 2011-March 20, 2016**

General Services Administration

Federal Acquisition Service

Pricelist current through Modification # \_\_\_\_\_, dated \_\_\_\_\_.

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System (<http://www.gsaadvantage.gov>) .

**TABLE OF CONTENTS**

INFORMATION FOR ORDERING ACTIVITIES APPLICABLE TO ALL SPECIAL ITEM NUMBERS ..... 3

TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF TRAINING COURSES FOR GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE (SPECIAL ITEM NUMBER 132-50) ..... 10

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51) ..... 12

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS ..... 16

BLANKET PURCHASE AGREEMENT (BPA) ..... 17

BPA FORMAT GUIDELINES ..... 19

CONTRACTOR TEAM ARRANGEMENTS ..... 20

CONTRACTOR’S INFORMATION TECHNOLOGY LABOR CATEGORY DESCRIPTIONS ..... 21

CONTRACTOR’S INFORMATION TECHNOLOGY TRAINING COURSE DESCRIPTIONS ..... 22

CONTRACTOR’S AUTHORIZED GSA PRICING ..... 22

**INFORMATION FOR ORDERING ACTIVITIES  
APPLICABLE TO ALL SPECIAL ITEM NUMBERS**

**SPECIAL NOTICE TO AGENCIES: Small Business Participation**

SBA strongly supports the participation of small business concerns in the Federal Acquisition Service. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!<sup>TM</sup> on-line shopping service ([www.gsaadvantage.gov](http://www.gsaadvantage.gov)). The catalogs/pricelists, GSA Advantage!<sup>TM</sup> and the Federal Acquisition Service Home Page ([www.gsa.gov/fas](http://www.gsa.gov/fas)) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

**1. GEOGRAPHIC SCOPE OF CONTRACT:**

*Domestic delivery* is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

*Overseas delivery* is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

Offerors are requested to check one of the following boxes:

- The Geographic Scope of Contract will be domestic and overseas delivery.
- The Geographic Scope of Contract will be overseas delivery only.
- The Geographic Scope of Contract will be domestic delivery only.

For Special Item Number 132-53 Wireless Services ONLY, if awarded, list the limited geographic coverage area:

---

**2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION:**

**Intertech, Inc.**  
**1020 Discovery Road, Suite 145**  
**Eagan, MN 55121-2096**  
**Phone: 651-994-8558**  
**Fax: 651-994-9119**

Contractor must accept the credit card for payments equal to or less than the micro-purchase for oral or written orders under this contract. The Contractor and the ordering agency may agree to use the credit card for dollar amounts over the micro-purchase threshold (See GSAR 552.232-79 Payment by Credit Card). In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number(s) can be used by ordering activities to obtain technical and/or ordering assistance:

**651-994-8558**

**3. LIABILITY FOR INJURY OR DAMAGE**

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

**4. STATISTICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:**

Block 9: G. Order/Modification Under Federal Schedule Contract  
Block 16: Data Universal Numbering System (DUNS) Number: **869412023**  
Block 30: Type of Contractor: **B. Other Small Business**  
Block 31: Woman-Owned Small Business - **No**  
Block 37: Contractor's Taxpayer Identification Number (TIN): 411728481  
Block 40: Veteran Owned Small Business (VOSB): **N/A**

- 4a. CAGE Code: 1JE05
- 4b. Contractor **has** registered with the Central Contractor Registration Database.

**5. FOB DESTINATION**

**6. DELIVERY SCHEDULE**

- a. **TIME OF DELIVERY:** The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
<u>132-50</u>	<u>  </u> * Days
<u>132-51</u>	<u>  </u> * Days

**\*To be negotiated between contractor and Ordering Agency**

- b. **URGENT REQUIREMENTS:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

- c. i. **SIN 132-54 and SIN 132-55, ACCELERATED SERVICE DELIVERY (7 calendar days or less):** the time required for COMSATCOM services to be available after order award. Under Accelerated Service Task Orders, service acceptance testing, unless otherwise required by the satellite provider or host nation, shall be deferred until Ordering Activity operations permit.

- ii. **SIN 132-54 and SIN 132-55, TIME-CRITICAL DELIVERY (4 hours or less):** the time required for COMSATCOM services to be available after order award. Under Time-Critical Task Orders, service acceptance testing unless otherwise required by the satellite provider or host nation shall be deferred until Ordering Activity operations permit. Time-Critical Delivery shall be predicated on the availability of COMSATCOM transponded capacity (contracted bandwidth and power, pre-arranged Host Nation Agreements, frequency clearance) or COMSATCOM subscription services (bandwidth, terminals, network resources, etc.).

- iii. **For SIN 132-54 and SIN 132-55, EXTENDED SERVICE DELIVERY TIMES:** the time required under extenuating circumstances for COMSATCOM services to be available after order award. Such extenuating circumstances may include extended time required for host nation agreements or landing rights, or other time intensive service delivery requirements as defined in the individual requirement. Any such extended delivery times will be negotiated between the Ordering Activity and Contractor.

7. **DISCOUNTS:** Prices shown are NET Prices; Basic Discounts have been deducted.
- a. Prompt Payment: 0% - 30 days from receipt of invoice or date of acceptance, whichever is later.
  - b. Quantity: Customers are given quantity discounts based on the public option pricing. The discounting tiers are as follows: 2 students: 5% discount; 4 students: 10% discount; 6 students: 15% discount; and 7+ students: 20% discount. The discount is taken from the total amount.
  - c. Dollar Volume: None
  - d. Government Educational Institutions: Government Educational Institutions are offered the same discounts as all other Government customers.
  - e. Other: None

8. **TRADE AGREEMENTS ACT OF 1979, as amended:**

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

9. **STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING:**

10. **Small Requirements:** The minimum dollar value of orders to be issued is **\$100.**

11. **MAXIMUM ORDER (All dollar amounts are exclusive of any discount for prompt payment.)**

a. The Maximum Order value for the following Special Item Numbers (SINs) is **\$500,000:**

Special Item Number 132-51 - Information Technology Professional Services

b. The Maximum Order value for the following Special Item Numbers (SINs) is **\$25,000:**

Special Item Number 132-50 - Training Courses

12. **ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS**

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.

b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

13. **FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS**

**REQUIREMENTS:** ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

13.1 **FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS):**

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary

standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

**13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS):** Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Acquisition Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

#### **14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2003)**

- (a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.
- (b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. The Industrial Funding Fee does NOT apply to travel and per diem charges.
- (c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.
- (d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.
- (e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- (f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.
- (g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.
- (h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- (i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.

- (j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.
- (k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

**15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES:** Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See 52.212-4)

**16. GSA ADVANTAGE!**

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.gsaadvantage.gov>

**17. PURCHASE OF OPEN MARKET ITEMS**

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

## **18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS**

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

## **19. OVERSEAS ACTIVITIES**

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

### **Not Applicable**

---

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

## **20. BLANKET PURCHASE AGREEMENTS (BPAs)**

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

## **21. CONTRACTOR TEAM ARRANGEMENTS**

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

## **22. INSTALLATION, DEINSTALLATION, REINSTALLATION**

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall receive less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or 132-9.

**23. SECTION 508 COMPLIANCE.**

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: [www.intertech.com](http://www.intertech.com)

The EIT standard can be found at: [www.Section508.gov/](http://www.Section508.gov/).

**24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.**

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

(a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b) The following statement:

This order is placed under written authorization from \_\_\_\_\_ dated \_\_\_\_\_. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

**25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)**

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

**26. SOFTWARE INTEROPERABILITY.**

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

**27. ADVANCE PAYMENTS**

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF  
TRAINING COURSES FOR GENERAL PURPOSE COMMERCIAL  
INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE  
(SPECIAL ITEM NUMBER 132-50)**

**1. SCOPE**

- a. The Contractor shall provide training courses normally available to commercial customers, which will permit ordering activity users to make full, efficient use of general purpose commercial IT products. Training is restricted to training courses for those products within the scope of this solicitation.
- b. The Contractor shall provide training at the Contractor's facility and/or at the ordering activity's location, as agreed to by the Contractor and the ordering activity.

**2. ORDER**

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPAs) shall be the basis for the purchase of training courses in accordance with the terms of this contract. Orders shall include the student's name, course title, course date and time, and contracted dollar amount of the course.

**3. TIME OF DELIVERY**

The Contractor shall conduct training on the date (time, day, month, and year) agreed to by the Contractor and the ordering activity.

**4. CANCELLATION AND RESCHEDULING**

- a. The ordering activity will notify the Contractor at least seventy-two (72) hours before the scheduled training date, if a student will be unable to attend. The Contractor will then permit the ordering activity to either cancel the order or reschedule the training at no additional charge. In the event the training class is rescheduled, the ordering activity will modify its original training order to specify the time and date of the rescheduled training class.
- b. In the event the ordering activity fails to cancel or reschedule a training course within the time frame specified in paragraph a, above, the ordering activity will be liable for the contracted dollar amount of the training course. The Contractor agrees to permit the ordering activity to reschedule a student who fails to attend a training class within ninety (90) days from the original course date, at no additional charge.
- c. The ordering activity reserves the right to substitute one student for another up to the first day of class.
- d. In the event the Contractor is unable to conduct training on the date agreed to by the Contractor and the ordering activity, the Contractor must notify the ordering activity at least seventy-two (72) hours before the scheduled training date.

**5. FOLLOW-UP SUPPORT**

The Contractor agrees to provide each student with unlimited telephone support or online support for a period of one (1) year from the completion of the training course. During this period, the student may contact the Contractor's instructors for refresher assistance and answers to related course curriculum questions.

**6. PRICE FOR TRAINING**

The price that the ordering activity will be charged will be the ordering activity training price in effect at the time of order placement, or the ordering activity price in effect at the time the training course is conducted, whichever is less.

**7. INVOICES AND PAYMENT**

Invoices for training shall be submitted by the Contractor after ordering activity completion of the training course. Charges for training must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

**8. FORMAT AND CONTENT OF TRAINING**

a. The Contractor shall provide written materials (i.e., manuals, handbooks, texts, etc.) normally provided with course offerings. Such documentation will become the property of the student upon completion of the training class.

b. **\*\*If applicable\*\*** For hands-on training courses, there must be a one-to-one assignment of IT equipment to students.

c. The Contractor shall provide each student with a Certificate of Training at the completion of each training course.

d. The Contractor shall provide the following information for each training course offered:

- (1) The course title and a brief description of the course content, to include the course format (e.g., lecture, discussion, hands-on training);
- (2) The length of the course;
- (3) Mandatory and desirable prerequisites for student enrollment;
- (4) The minimum and maximum number of students per class;
- (5) The locations where the course is offered;
- (6) Class schedules; and
- (7) Price (per student, per class (if applicable)).

e. For those courses conducted at the ordering activity’s location, instructor travel charges (if applicable), including mileage and daily living expenses (e.g., per diem charges) are governed by Pub. L. 99-234 and FAR Part 31.205-46, and are reimbursable by the ordering activity on orders placed under the Multiple Award Schedule, as applicable, in effect on the date(s) the travel is performed. Contractors cannot use GSA city pair contracts. The Industrial Funding Fee does NOT apply to travel and per diem charges.

f. For Online Training Courses, a copy of all training material must be available for electronic download by the students.

**9. “NO CHARGE” TRAINING**

The Contractor shall describe any training provided with equipment and/or software provided under this contract, free of charge, in the space provided below.

**All materials for courses are included with the cost of the course**  
\_\_\_\_\_  
\_\_\_\_\_

**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)  
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)**

**1. SCOPE**

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.
- b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

**2. PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)**

- a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.
- b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

**3. ORDER**

- a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

**4. PERFORMANCE OF SERVICES**

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

## **5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)**

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

- (1) Cancel the stop-work order; or
- (2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
- (2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

## **6. INSPECTION OF SERVICES**

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS -COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I - OCT 2008) (DEVIATION I - FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

## **7. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data - General, may apply.

## **8. RESPONSIBILITIES OF THE ORDERING ACTIVITY**

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

## **9. INDEPENDENT CONTRACTOR**

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

## **10. ORGANIZATIONAL CONFLICTS OF INTEREST**

### **a. Definitions.**

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

## **11. INVOICES**

The Contractor, upon completion of the work ordered, shall submit invoices for IT Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

## **12. PAYMENTS**

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—

- (1) The offeror;
- (2) Subcontractors; and/or
- (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

### **13. RESUMES**

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

### **14. INCIDENTAL SUPPORT COSTS**

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

### **15. APPROVAL OF SUBCONTRACTS**

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

### **16. DESCRIPTION OF IT/IAM PROFESSIONAL SERVICES AND PRICING**

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT/IAM Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

The following is an example of the manner in which the description of a commercial job title should be presented:

**EXAMPLE:** Commercial Job Title: System Engineer

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor's Degree in Computer Science

**USA COMMITMENT TO PROMOTE  
SMALL BUSINESS PARTICIPATION  
PROCUREMENT PROGRAMS**

PREAMBLE

(Intertech, Inc) provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact (**Thomas Salonek, 651-994-8558 x12, [tsalonek@intertech.com](mailto:tsalonek@intertech.com), 651-994-9119**).



BPA NUMBER \_\_\_\_\_

**(CUSTOMER NAME)  
BLANKET PURCHASE AGREEMENT**

Pursuant to GSA Federal Supply Schedule Contract Number(s) \_\_\_\_\_, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be \_\_\_\_\_.

(4) This BPA does not obligate any funds.

(5) This BPA expires on \_\_\_\_\_ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

- (a) Name of Contractor;
- (b) Contract Number;
- (c) BPA Number;
- (d) Model Number or National Stock Number (NSN);

- (e) Purchase Order Number;
- (f) Date of Purchase;
- (g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and
- (h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

\*\*\*\*\*

**BASIC GUIDELINES FOR USING  
“CONTRACTOR TEAM ARRANGEMENTS”**

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.



**GSA Proposed Labor Category Description**

**Application Development Specialist**

**Education:** A Bachelors degree in Computer Science, Math, or science-related field

**Minimum/General Experience:** 7+ years of experience in a related field

**Functional Responsibility:** Architect, design, and program custom software applications; Analyze user needs to determine functional and cross-functional requirements; Design architecture to include the software, hardware and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces; Evaluate analytically and systematically problems of workflows, organization, and planning and develops appropriate corrective action; Provide skills in software development methodologies and structured approaches to system development; Ensure that the aspects of the architecture are driven by the business imperatives/client requirements of the organization and that the requirements driving the overall architecture are managed consistently and effectively; Lead from a technical or project management perspective; Act as a mentor; Provide direction on strategic technology decisions; Provide software development services; Provide mentoring to client staff on best practices related technical implementation, methodologies, SDLC processes/techniques, etc

SIN	Labor Category	Awarded GSA Rate
<b>IT Professional Services</b>		
132-51	Application Development Specialist	\$172.80

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Java Training	The class begins by describing the core syntax of the Java language while also exposing students to object-oriented programming concepts. After establishing this essential foundation, the class then covers other crucial topics like exception handling, packaging, and when to use arrays versus collections. In addition, you learn how to use critical Java APIs for I/O, database access and graphical user interface development.	Public Option	5 Days	There are no prerequisites for Complete Java. Object oriented programming experience is helpful.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Java Web Development Training	Complete Java Web Development is a crash course in developing cutting edge Web applications using the latest Java EE 5 technologies from Sun and the open source community. The course builds a strong understanding of Servlet technology as the cornerstone of Java's Web platform. It shows how JSPs build on the Servlet architecture and help your development teams achieve clear role separation. Allowing Web developers to focus on functionality while the Web designers create the layout - without stepping on each other's toes. Additionally, the class will show you how to use JSTL, custom tags and JSP expression language to reduce Java code in Web pages while adding tremendous power and capability to those pages. Attendees will also learn JavaBean component development and how these components can be easily integrated into JSPs. The class culminates in an exploration of Java MVC frameworks and compares some of the more popular offerings like Struts and Spring MVC.	Public Option	4 Days	A solid understanding of Java is required. An understanding of Web Concepts and HTML is helpful.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Java ME Training	The Java Micro Edition (Java ME) is designed as a platform for embedded devices and consumer electronics. This hands-on course gets Java developers up to speed quickly on the differences between developing standard Java applications and micro Java applications. Students will learn to design, develop, and deploy Java applications with Java ME.	Public Option	2 Days	Complete Java or equivalent	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Java Security Training	Complete Java Security starts with coverage of standard security concerns (encryption, message digests, digital signatures, etc.). The rest of the course demonstrates respective solutions to security concerns using Java API's -- including JCE and JSSE.	Public Option	2 Days	Complete Java is highly recommended. Students should have a solid understanding of Java I/O and basic Java coding.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Advanced Java Training	This course teaches how to develop advanced Java applications optionally using Tomcat and notepad.	Public Option	5 Days	A good understanding of Object-Oriented Programming using Java	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Java EE Programming Training	The class begins by describing the core syntax of the Java language while also exposing students to object-oriented programming concepts. After establishing this essential foundation, the class then covers other crucial topics like exception handling, packaging, and when to use arrays versus collections. In addition, you learn how to use critical Java APIs for I/O, database access and graphical user interface development.	Public Option	5 Days	Students are expected to have a good understanding of web technology and server-side programming for dynamic web content. Experience with Java is recommended, but even a beginner's knowledge of Java is sufficient	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Spring 3.0 Framework Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provides the technology to develop everything from small, stand-alone applications to large, complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students are exposed to the light-weight Spring container, configuration, foundational API, and general Spring architecture. Students also learn Spring MVC. Spring MVC is Spring's Model 2 framework for developing Web applications. Not just a class that focuses on theory, this course is loaded with practical labs and deals with configuration, maintenance and architectural issues. After taking this class, developers will immediately be able to utilize the Spring Framework (version 3) in their new or existing applications.	Public Option	5 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful. A basic understanding of XML is also useful. A basic understanding of Web development is helpful in understanding Spring MVC. Students that have attended Intertech's Complete Java have the necessary background for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Delta Spring Framework 3.0 Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and the framework continues to expand. This class is intended for Java developers already familiar with the Spring Framework, but need to be caught up on Spring's latest advances. In this class, learn about the new features added to Spring 3.0, what parts of the older Spring API have been deprecated. Students will also explore migration strategies. Hands-on labs allow students to experience the new Spring Framework.	Public Option	1 Day	Students should have a good understanding of the Java programming language and should have a good understanding of Spring 2.x	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 952.39
Complete Spring 2 Framework Core Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provided the technology to develop everything from small, stand-alone applications to large complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students are exposed to the light-weight Spring container, configuration, foundational API, and general Spring architecture. Not just a class that focuses on theory, this course is loaded with practical labs and deals with configuration, maintenance and architectural issues. After taking this class, developers will immediately be able to utilize the Spring Framework in their new or existing applications.	Public Option	3 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful. A basic understanding of XML is also useful.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Spring Framework Web Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provides the technology to develop everything from small, stand-alone applications to large, complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students learn Spring Web application development. In particular, students learn Spring MVC and Spring Web Flow 2. Spring MVC is Spring's Model 2 framework for developing Web applications. Web Flow is an extension to Spring MVC for building and running rich Web applications. Web Flow provides better Web work flow support and also provides support for Ajax development and integration of JavaServer Faces	Public Option	2 Days	Students should have a good understanding of the Java programming language and the Spring Framework core API and container. A basic understanding of Web development is very helpful	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Hibernate Training	This course teaches students the most popular object-relational mapping framework for Java environments. Object relational mapping in large enterprise applications is difficult. The task is so difficult that the problem of storing and retrieving objects to a relational database has its own name - impedance mismatch. In this class, students learn object-relational mapping concepts and the various issues and options available in Java to address object persistence. With these fundamentals, the course then explores the basics of Hibernate object persistence and configuration. It also digs into the details of hibernate mapping, queries, transactions, and concurrency. Not just a class that focuses on theory, this course is loaded with practical labs and deals with maintenance and performance issues. After taking this class, developers will be able to build faster, more flexible and easier to maintain application persistence layers and overcome impedance mismatch with the Hibernate framework.	Public Option	4 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete JavaServer Faces (JSF) using Eclipse Training	This course introduces the developer to the JSF architecture and provides the basis for planning, developing, and deploying Web based applications using the JSF framework. After taking this class, the developer will be able to quickly construct dynamic server-side web pages using JSF.	Public Option	4 Days	Participants should already have a solid understanding of Java programming and understand the basics of XML. The course also assumes a basic understanding of HTML syntax and JavaServer pages syntax. Understanding of Enterprise Java Beans (EJB) is also a plus	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Struts using Eclipse Training	This course introduces the students to Jakarta Struts 1.2. During the course, students will learn to design and develop Struts based applications. Many real life hands on exercises are used to teach various concepts of Struts	Public Option	3 Days	A good understanding of HTML; a good understanding of object-oriented programming using Java; experience with JSPs and servlets with some understanding of JavaBeans	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Delta .NET 4.0 Training	.NET 4.0 introduces a handful of new features to the C# and VB programming languages, many of which are specifically used to simplify interoperability with unmanaged code. Intertech's Complete Delta .NET 4.0 will examine these new language features, followed by an overview of the major new additions to the core base class libraries. This course also examines the new features found with WPF, WCF and WF APIs, including the new Visual Studio 2010 designers	Public Option	2 Days	Understanding equivalent to Intertech's Complete C# or Complete VB courseware. An understanding of key .NET 3.5 APIs (WPF, WCF and WF) will be very helpful	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete C# using VS 2010 Training	Intertech's Complete C# course is designed to expose experienced software developers to the C# programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the C# programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET and ASP.NET.	Public Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete VB using VS 2010 Training	Intertech's Complete VB course is designed to expose experienced software developers to the VB programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the VB programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET, and ASP.NET.	Public Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Windows Communication Foundation (WCF) for .NET 4.0 Training	Windows Communication Foundation (WCF) is an API used to build distributed applications using .NET 3.0 (and higher). WCF was designed to expose the current multitude of Windows remoting APIs (web services, MSMQ, TCP, peer-to-peer, etc) from a single unified toolkit. In this course, attendees will examine the overall WCF programming model, binding choices, host options, security issues and the use of declarative markup to specify the underlying infrastructure. Attendees will also learn about the major changes to WCF with the release of .NET 4.0	Public Option	3 Days	Understanding of Object Oriented Programming using C# or VB.NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Windows Presentation Foundation (WPF) for .NET 4.0 Training	Windows Presentation Foundation (WPF) has quickly become the preferred framework for desktop GUI applications. Intertech's Complete WPF will examine this key API beginning with the topics of XAML, code files and WPF development tools. Attendees will learn about the WPF control content model, styles and control templates, data binding, graphical rendering services and the construction of navigationally-based applications. As well, attendees will gain hands on experience using both Visual Studio and Microsoft Expression Blend to build WPF applications.	Public Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete LINQ for .NET 4.0 Training	Intertech's Complete LINQ begins by detailing numerous C# and VB language features (including extension methods and lambda expressions) which enable LINQ programming. Once the foundation has been laid, attendees will learn to build query expressions using LINQ query operators and the underlying LINQ object model. The remainder of the class will examine how to apply these query expressions to object containers, relational databases, XML documents and in parallel via PLINQ and the Task Parallel Library (TPL).	Public Option	2 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Microsoft Visual Studio Team Foundation Server 2010 Administration Training	This three-day instructor-led course provides students with the knowledge and skills to manage Microsoft Team Foundation Server 2010. The course focuses on the technologies used in Team Foundation Server 2010 and the techniques used to deploy, manage and support Team Foundation Server 2010	Public Option	3 Days	A+ certification of equivalent knowledge; Network+ certification or equivalent knowledge; Possess working knowledge of Windows Server administrative tasks	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Delta .NET 3.5 Training	.NET 3.0 introduced three new major APIs which augment the 2.0 base class libraries. The first part of this course will examine the role of Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF) and Windows workflow Foundation (WF). The later part of this class will examine the numerous language changes which will be found within C# 3.0 / VB 3.0 with the forthcoming release of .NET 3.5. As well, you will come to understand the use of LINQ (Language Integrated Query) and the surrounding LINQ-centric programming models.	Public Option	2 Days	This course requires you to meet the following prerequisites: feel comfortable working within the Visual Studio IDE; have a firm grounding in OOP; have a firm grounding in .NET 2.0 development; have a solid understanding of C# or Visual Basic	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1.91
Complete C# using VS 2008 Training	Intertech's Complete C# starts by teaching students C# syntax and semantics as well as the concepts of Object Oriented Programming (OOP). In the class, students learn classes, enums, structures, delegates, and interfaces (the .NET type system). Students also learn file Input/Output and metadata. This course also covers ASP.NET, Windows Forms, and ADO.NET.	Public Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete VB using VS 2008 Training	Intertech's Complete VB course is designed to expose experienced software developers to the VB programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the VB programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET, and ASP.NET.	Public Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Windows Communication Foundation (WCF) for .NET 3.5 Training	Windows Communication Foundation (WCF) is an API used to build distributed applications using .NET 3.0 (and higher). WCF was designed to expose the current multitude of Windows remoting APIs (web services, MSMQ, TCP, peer-to-peer, etc) from a single unified toolkit. In this course, attendees will examine the overall WCF programming model, binding choices, host options, security issues and the use of declarative markup to specify the underlying infrastructure.	Public Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete Windows Presentation Foundation (WPF) for .NET 3.5 Training	Windows Presentation Foundation (WPF) is a GUI toolkit introduced with .NET 3.0. Intertech's Complete WPF will examine this new programming API beginning with the topics of XAML, code files and WPF development tools. Attendees will learn about the WPF control programming model, styles and control templates, data binding, graphical rendering services and the construction of navigationally-based applications.	Public Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete Windows Workflow Foundation (WF) for .NET 3.5 Training	Windows Workflow Foundation (WF) is an API introduced with .NET 3.0 which allows you to execute and monitor business processes workflows directly in managed code. In this course, attendees will gain a clear understanding of the use of workflows, activities, and the visual tools which allow you to design them. we will also examine how to interact with the WF runtime engine, create custom activities and survey the integrated feature WF set.	Public Option	4 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete LINQ for .NET 3.5 Training	.NET 3.5 introduces significant updates to the C# and VB programming languages, many of which are specifically used to enable Language Integrated Query (LINQ). Intertech's Complete LINQ begins by detailing each of these new language features (including extension methods and lambda expressions). Once the foundation has been laid, attendees will learn to build query expressions using LINQ query operators and the underlying LINQ object model. The remainder of the class will examine how to apply these query expressions to object containers, relational databases and XML documents.	Public Option	2 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete ADO.NET 3.5 Training	This two-day instructor-led course provides students with the knowledge and skills to access and modify data by using ADO.NET 3.5.	Public Option	2 Days	Before attending this course, students should have intermediate experience developing applications by using previous versions of Microsoft Visual Studio at level 200.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Silverlight 4.0 Training	Silverlight 4.0 is a web-based GUI toolkit based on the WPF programming model. Intertech's Complete Silverlight 4.0 begins by examining the topics of XAML, code files and the role of Visual Studio 2010 and Expression Blend 4. After this point, attendees will learn about several key aspects of the Silverlight programming model including styles and control templates, data binding, animations and graphical rendering services. The course also examines several key APIs and how to configure a Silverlight application to run out of browser (OOB).	Public Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete ASP.NET 4.0 Training	This course presents all the essential tools, libraries, components and best practices that today's Web developers must utilize while building leading-edge ASP.NET Web applications. It begins by explaining the different Web application architectures and project types supported by Visual Studio 2008. Next, it introduces the different types of Web controls that are at the developers' disposal. It also demonstrates the power of creating custom Web controls. User controls and master pages demonstrate the power of code reuse while the site navigation controls can be used to simplify navigation for the Web users. A thorough explanation of data binding is covered using the latest Web data controls. Students also learn about the ASP.NET provider model introduced with .NET 2.0 and newer. Web Parts are also extensively covered for use on ASP.NET and SharePoint Web sites. Today's Web security risks are explained and AJAX and jQuery are covered to offer a Web 2.0 user experience. Often overlooked in other courses, the different methods of ASP.NET Web deployment are also explained. The course wraps up with an introduction to Silverlight programming, which is Microsoft's answer to Adobe's Flash technology.	Public Option	5 Days	Students should be comfortable working with Windows XP, Vista, Server 2008, or 7. Students should have experience using graphical IDEs to build and debug software applications. Students must have experience with .NET. If not, they should first attend Complete C# or Complete VB	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete ASP.NET 3.5 Training	This course presents all the essential tools, libraries, components and best practices that today's Web developers must utilize while building leading-edge ASP.NET Web applications. It begins by explaining the different Web application architectures and project types supported by Visual Studio 2010. Next, it introduces the different types of Web controls that are at the developers' disposal. It also demonstrates the power of creating custom Web controls. User controls and master pages demonstrate the power of code reuse while the site navigation controls can be used to simplify navigation for the Web users. A thorough explanation of ADO.NET is covered using the latest Web data controls. Students also learn about the ASP.NET provider model introduced with .NET 2.0 and newer. Web Parts are also extensively covered for use on ASP.NET and SharePoint Web sites. Today's Web security risks are explained and AJAX is covered to offer a Web 2.0 user experience. Often overlooked in other courses, the different methods of Web deployment are also explained. The course wraps up with an introduction to Silverlight programming, which	Public Option	5 Days	Students should be comfortable working with Windows XP or Windows Vista. Students should have experience using graphical IDEs to build and debug software applications. Students must have experience with .NET. If not, they should first attend Complete C# or Complete VB	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Fast UI/UX Prototyping using Blend 3 and Sketch Flow Training	Silverlight and WPF are technologies for creating Visually Rich Applications. Both allow creating visually stunning user interface (UI) and providing the end user with outstanding user experience (UX) while using the application. Expression Blend 3 is a part of Microsoft Expression Studio, which helps Silverlight and WPF developers to create rich UI and design outstanding UX. As a part of a design process, developers and designers need to create prototypes of future application. Sketch Flow feature in Blend 3 helps to create such prototypes. This one day instructor-led course provides students with the knowledge and skills to prototype UI/UX for applications using Microsoft Silverlight 3/WPF and Microsoft Expression Blend 3 through a variety of available techniques. The course focuses on user interfaces, user experience prototyping and pilot applications implementation.	Public Option	1 Day	Before attending this course, students must have knowledge of Silverlight or WPF technology and some Blend experience	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,143.83
Complete Windows Azure Training	This class is an introduction to cloud computing and specifically Microsoft's public cloud offering in Windows Azure. Windows Azure has been described by Microsoft as an operating system for "the cloud". In this class, you will explore this new cloud operating system and learn how to write, deploy and monitor .NET applications in Azure.	Public Option	3 Days	Experience with Visual Studio 2008 or better is required. Knowledge and experience in a .NET language (C# or VB) is required. Knowledge of ASP.NET is required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete AJAX for Java Training	This class will introduce you to the suite of technologies that are used to create an Ajax web application. This is not, however, simply a catalog of Ajax libraries and tools: all topics covered are grounded in "Real World" usage. Learning in this class is designed to go above and beyond the "what" and "how" of Ajax. After completing this course, you will be well versed in the critical answers to "why" and "when", as they relate to the technical foundations of building dynamic web applications. The material covers AJAX foundations including HTTP, asynchronous communication, advanced JavaScript, the DOM API, events, and JSON, as well as higher level topics in debugging, security, and frameworks (jQuery)	Public Option	3 Days	Basic HTML / XHTML, JavaScript, and CSS in required. Also, should understand servlets and JSP.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
AJAX 4 using Visual Studio 2010 Training	AJAX is based on a collection of open and standards-based technologies that can give Web pages you build a responsiveness that rivals what you get in desktop applications. The course starts out with an exploration of the fundamentals of AJAX. Then you'll go through a few of the more interesting features in JavaScript that will help you write code that runs in the browser. Next up is an introduction to the five server-side controls that you can use in a Web forms page to reduce the amount of data that has to move between client and server. Then you'll explore some of the techniques you can use to create applications that give users a good experience with your Web application. Next you'll look at the AJAX Control Toolkit, a collection of server-side controls and extenders that do a lot of the work that you used to have to write reams of JavaScript code to accomplish.	Public Option	1 Day	This course assumes that you are familiar and experienced with Microsoft's .NET Framework and ASP.NET development tools. You should be familiar with web development and understand how HTTP and HTML work to produce Web pages for the user. You should have experience writing applications with ASP.NET 3.5, 4.0, or later Web forms, and be familiar with how ASP.NET processes page requests, and have strong experience with .NET Framework 3.5, 4.0, or later programming. You should have experience with Visual Studio 2008, 2010, or later for building Web application projects	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 952.39
Mastering jQuery Training	The Java Micro Edition (Java ME) is designed as a platform for embedded devices and consumer electronics. This hands-on course gets Java developers up to speed quickly on the differences between developing standard Java applications and micro Java applications. Students will learn to design, develop, and deploy Java applications with Java ME.	Public Option	2 Days	Good knowledge of JavaScript and DOM API is required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Advanced XML Programming Training	In this two-day course students will learn advanced features of XML. Through lecture and hands-on lab exercises, they will extend their capabilities in XML Schema, XPath, and XSLT. In addition, new topics such as XQuery and features of XSLT 2.0 will be discussed.	Public Option	2 Days	Fundamentals of XML and some XML development experience is required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Java Web Services Training	The Complete Java Web Services class teaches students how to build Web Services and Web Service clients using Java technologies. The class includes a high-speed introduction to XML syntax, namespaces, XML Schema, SOAP, and WSDL before exploring Web Service client or server-side development in Java APIs and tools. Specifically, this class focuses on JAX-WS and JAX-RS web service and client development.	Public Option	4 Days	Students should have a good understanding of the Java programming language. A basic understanding of XML is very helpful. Students that have attended Intertech's Complete Java have the necessary background for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete XSLT Training	The Extensible Stylesheet Language Transformations, or XSLT, is an extraordinarily useful tool for getting the most out of your XML. XML provides a hierarchical format for data, and the structure chosen for working with this data may not be ideal for rendering or presenting this information to the user. Also, there may be differences between your hierarchy and the hierarchy of your trading partners. Wouldn't it be nice if there was a common syntax for structurally changing this data, facilitating its usefulness across a variety of scenarios? XSLT is this common syntax. In this Intertech course, students will be provided the opportunity to learn the syntax in detail, practice creating stylesheets, see lots of examples, learn about the different design patterns, and understand the underlying transformation process. They will be armed with information needed to solve transformation problems in the real world and the knowledge of where to seek answers for tricky situations.	Public Option	2 Days	Solid knowledge of XML required. Familiarity with HTML required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Groovy Training	Groovy is a Java platform language. Intertech's Complete Groovy course covers the Groovy GDK including data types, control structures, closures, and dynamic object orientation. This course also introduces Grails and database connectivity.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete Grails Training	Intertech's Complete Grails course teaches students how to createweb applications using Grails and Groovy. Students learn Groovy basics including closures and collections, MVC (Model View Controller) design with Grails, database access, the build-test-deploy lifecycle. The course also includes coverage of Grails 3rd party plug-ins.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
SQL Server 2008 R2 Training	SQL Server 2008 brought many changes to the SQL platform and the R2 release added many more. This course will help to bring you up to speed on these changes and how they will affect how you work with SQL Server. You will see what is new with installation and security, see its support for managing data-tier applications and a multi-server environment, and learn about PowerPivot, which Microsoft calls "managed self-service business intelligence" that gets BI data in the hands of users who need it. Next you will learn about the new Streaminsight feature that lets you query high-volume data streams for useful nuggets of information and emerging trends. Reporting Services probably received by far the most enhancements in R2 and you will learn about the new expression language and data visualization features. Report Manager and Viewer received major overhauls and you'll see how to put them to good use, as well as explore how to put Report Builder to use creating great reports.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Writing Queries Using Microsoft SQL Server 2008 Transact-SQL Training	This 3-day instructor led course provides students with the technical skills required to write basic Transact-SQL queries for Microsoft SQL Server 2008.	Public Option	3 Days	Before attending this course, students must have knowledge of data integrity concepts; core Windows Server skills; relational database design skills; programming skills	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
SQL Server for Developers Training	This three-day, hands-on course provides students with the technical skills required to program a database solution using Microsoft SQL Server.	Public Option	3 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,526.70
Querying and Processing SQL Server Data with SQL Statements Training	This two-day, hands-on course covers everything database administrators and developers need to know to query SQL Server databases using SELECT statements ranging from simple to complex, and use INSERT, UPDATE and DELETE statements to modify and maintain data. Creating and using of VIEWS is also covered, along with accessing data through stored procedures and user-defined functions.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,143.83
SQL Server 2008 Integration Services (SSIS) Training	This course will enable technology professionals with little or no ETL experience to be comfortable and productive with the SSIS tools and technologies. In this course you will learn about the Business Intelligence Development Studio (BIDS) and working with Control and Data Flows to build workflows to extract, transform, and load data using a variety of data sources, transformations, and destinations. You will also become familiar with SSIS package management and package deployment along with learning to write solid code using debugging, error handling and logging techniques.	Public Option	3 Days	This course assumes no prior knowledge of SQL Server Integration Services. This course does assume prior knowledge of SQL Server 2008 and the use of SQL Server Management Studio for development and administrative tasks. You should be able to create CRUD (create, retrieve, update, and delete) queries using T-SQL, understand basic relational databases design, run script files and diagnose problems that occur, and have experience building applications that access data stored in SQL Server. You must also know how to connect to an instance of SQL Server 2008 using the various connection dialog boxes in Management Studio and development tasks.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SQL Server 2008 Reporting Services (SSRS) Training	In this course, you will learn how to use SQL Server 2008 Reporting Services to create, execute, and manage reports. You will learn how to create tabular, matrix (cross-tab), and chart reports. You'll explore creating reports with groups, expressions, conditional formatting, and parameters. The reports you create in the course will employ shared data sources, interactive sorting, and drill-down capabilities. You'll explore the deployment and printing of reports and the export of reports to PDF, Excel, and other formats. You'll gain a thorough understanding of Reporting Services security, report snapshots, subscriptions, and the use of custom assemblies. You'll also discover how to integrate reports into your ASP.NET and WinForms applications using URL access and the Reporting Services Web Service API, without requiring users to use Internet Explorer. Finally, you'll learn how to empower your users to create ad-hoc reports using Report Builder and Report Model projects.	Public Option	3 Days	This course assumes no prior knowledge of SQL Server Reporting Services. This course does assume prior knowledge of SQL Server 2008 and the use of SQL Server Management Studio for development, Visual Studio 2008 using Visual Basic and administrative tasks. Write and run expressions, script files and diagnose problems that occur.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14
SQL Server 2008 Analysis Services (SSAS) Training	In this course, you will learn how to use Microsoft SQL Server 2008 Analysis Services (SSAS) to design and implement OnLine Analytical Processing (OLAP) cubes and data mining models to support Business Intelligence (BI) solutions. This course includes concepts, procedures and practices based on real-world experience giving both the novice and experienced SQL Server 2008 developer the tools to build data cubes and forecasting solutions. This course also provides information on end-user tools including Microsoft Excel 2007, Office Visio 2007 Professional Edition, SQL Server Business Intelligence Development Studio (BIDS) Microsoft SQL Server 2005 Integrated Services and Reporting Services.	Public Option	3 Days	This course does not require any prior experience with Analysis Server 2008. It is assumed that students have working experience with SQL Server 2005 or 2008; basic relational database concepts (e.g. tables, queries, and indexing); data transformation services; Excel 2007; and SharePoint Server 2007.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14
Designing a Business Intelligence Solution for the Enterprise Using Microsoft SQL Training	The purpose of this two-day instructor-led course is to teach Business Intelligence (BI) professionals working in enterprise environments to design a BI solution architecture. Students will be taught the importance of keeping all components of the solution and stages of the lifecycle in mind. The first day focuses on foundational standards and practices for the enterprise. The second day focuses on a project-specific lifecycle for capturing requirements and deriving a solution architecture.	Public Option	2 Days	Before attending this course, students must have foundational conceptual understanding of data warehousing, data marts, and Business Intelligence; have conceptual understanding of the components of SQL Server 2005, have practical experience with OLAP, ETL, and Reporting on the SQL Server 2005 Platform; have foundational understanding of Microsoft Windows security; have foundational understanding of Web-Based architectures; already know how to use Microsoft Office Visio, Microsoft SQL Server Business Intelligence Development Studio, Microsoft SQL Server Management Studio, Performance Monitor, Report Builder and Report manager, and Microsoft Visual Studio.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Implementing a Microsoft SQL Server 2008 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to implementing a database	Public Option	5 Days	Before attending this course, students must have working knowledge of Transact-SQL; working knowledge of Relational databases; Core Windows Server skills; Database design skills; SQL Server	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Maintaining a Microsoft SQL Server 2008 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to implementing a database	Public Option	4 Days	Before attending this course, students must have working knowledge of Transact-SQL; working knowledge of Relational databases; Core Windows Server skills; Database design skills; SQL Server	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,101.01
Introduction to Microsoft Business Intelligence from SQL 2008 through SharePoint and Office 2007 Training	This instructor-led course provides students with the knowledge and skills to develop Microsoft End-to-End business solutions using SQL Server 2008 in an integrated environment with SharePoint and Office 2007. The course introduces the students to Microsoft Unified Data Model, SQL 2008 Analysis Services, Integration Services, Reporting Services, Report Builder 2.0, SharePoint 2007 Integration, Reporting Services Content Types, Business Data Catalog, and Business Intelligence with Excel 2007	Public Option	5 Days	Before attending this course, students must have a working knowledge of RDBMS; a working knowledge of Business Intelligence Studio; a working knowledge of Excel and the Office Ribbon; understanding of the goals of Business Intelligence	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 3,062.97
SQL Server 2005 Integration Services (SSIS) Training	This course will enable technology professionals with little or no ETL experience and minimal exposure to SQL Server 2005 and Visual Studio 2005 to be comfortable and productive with the SSIS tools and technologies. In this course you will learn about the SQL Server Management Studio (SSMS) and building Database Maintenance Plans. You will be introduced to the Business Intelligence Development Studio (BIDS) and working with control flow and Data Flow. You will also become familiar with SSIS package management and package deployment along with learning to write solid code using debugging, error handling and logging techniques.	Public Option	3 Days	This course assumes no prior knowledge of SQL Server Integration Services. This course does assume prior knowledge of SQL Server 2005 and basic use of SQL Server Management Studio. Other tools used in this course include Notepad, Microsoft Excel, and basic features of Windows.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14
SQL Server 2005 Reporting Services (SSRS) Training	In this course, you will learn how to use SQL Server 2005 Reporting Services to create, execute, and manage reports. You will learn how to create tabular, matrix (cross-tab), and chart reports using Visual Studio 2005 and SQL Server 2005 Business Intelligence Studio. You'll explore creating reports with groups, expressions, conditional formatting, and parameters. The reports you create in the course will employ shared data sources, interactive sorting, and drill-down capabilities. You'll explore the deployment and printing of reports and the export of reports to PDF, Excel, and other formats. You'll gain a thorough understanding of Reporting Services security, report snapshots, subscriptions, and the use of custom assemblies. You'll also discover how to integrate reports into your ASP.NET and WinForms applications using URL access and the Reporting Services Web Service API, without requiring users to use Internet Explorer. Finally, you'll learn how to empower your users to create ad-hoc reports using Report Builder and Report Model projects.	Public Option	3 Days	Familiarity with databases and the SQL language; knowledge of SQL Server helpful but not required; knowledge of Visual Studio .NET/2005 helpful but not required; knowledge of C# or VB helpful but also not required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SQL Server 2005 Analysis Services (SSAS) Training	In this course, you will learn how to use Microsoft SQL Server 2005 Analysis Services (SSAS) to design and implement OnLine Analytical Processing (OLAP) cubes and data mining models to support Business Intelligence (BI) solutions. This course includes concepts, procedures and practices based on real-world experience giving both the novice and experienced SQL Server 2005 developer the tools to build data warehousing and decision support system solutions. This course also provides information on end-user tools including Microsoft Excel 2003/2007 and Microsoft SQL Server 2005 Reporting Services. Implementing SSAS solutions have shown to boost data retrieval and report generation from SQL Server by up to 1000%.	Public Option	3 Days	This course does not require any prior experience with Analysis Server 2005. It is assumed that students have working experience with SQL Server 2000 or 2005; basic relational database concepts (e.g., tables, queries, and indexing); data transformation services; Excel 2003; and SharePoint Server 2003.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,718.14
Implementing a Microsoft SQL Server 2005 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2005 database. The course focuses on teaching individuals how to use SQL Server 2005 product features and tools related to implementing a database	Public Option	5 Days	Before attending this course, students must have basic knowledge of the Microsoft Windows operating system and its core functionality; working knowledge of Transact-SQL; working knowledge of Relational databases; some experience with database design	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Maintaining a Microsoft SQL Server 2005 Database Training	This four-day instructor-led course provides students with product knowledge and skills needed to maintain a Microsoft SQL Server 2005 database. The course focuses on teaching individuals how to use SQL Server 2005 product features and tools related to maintaining a database.	Public Option	4 Days	Before attending this course, students must have: basic knowledge of the Microsoft Windows operating system and its core functionality; working knowledge of Transact-SQL; working knowledge of relational databases; and some experience with database	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,101.01
SharePoint Foundation 2010 Developer Training	Thorough education is key to working with SharePoint 2010 productively. This course guides you through essential 2010 elements, from pre-requisites to system integration, giving you the skills to work confidently and leverage full value from new technology.	Public Option	5 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75
SharePoint 2010 Core Technologies Training	This course is designed for the IT professional who has been tasked with setting up, managing and maintaining Microsoft's SharePoint Server 2010 platform. During this 5 day instructor led course you will learn how to install SharePoint Server, create and manage Web applications and site collections as well as understand their place and purpose within the SharePoint platform. You will also learn about the new implementation of service applications and gain an understanding of the document management features provided by this newest edition of SharePoint Server	Public Option	5 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SharePoint Designer 2010 Training	The primary audiences for this course are Web designers, administrators, and developers who use and work with Office SharePoint Server 2010, and want to learn how to customize SharePoint sites without writing code. Web designers will understand the extent of customizations available using in-browser tools. They will also learn the advantages of using SharePoint Designer 2010 to further enhance SharePoint site customization such as creating master pages and multiple-step workflows, as well as leverage their existing design knowledge to achieve the desired look and feel throughout SharePoint sites. Administrators will learn how SharePoint Designer 2010 can help with administrative tasks such as backing up and restoring sites to alternate locations, controlling access to SharePoint Designer 2010 and setting design level permissions for end users who work with SharePoint Designer 2010. Administrators will also understand the in-browser customization capabilities made available to end users depending on the permission settings for those users. Developers will understand the alternatives to working with Visual Studio. They will also learn which customizations are achievable using in-browser tools and SharePoint Designer 2010. In addition, developers will learn how to create custom solutions using SharePoint Designer 2010.	Public Option	5 Days	Prior to taking this course, students should have a general knowledge of Web site design and methodologies. They should also be familiar with SharePoint from an end user or administrative point of view. An understanding of ASP.NET 2.0 master pages and CSS is helpful, but not required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75
SharePoint 2010 for End Users Training	This 4-day class combines the Site Member and Site Owner courses, to provide comprehensive training that will present students with a ground-up understanding for how to use, operate and build sites in a SharePoint Server 2010 environment	Public Option	4 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Administrating Microsoft Office SharePoint Server 2007	This 5-day course is designed to give SharePoint administrators basic and intermediate information and skills they need to design, deploy, and manage a Microsoft Office SharePoint Server 2007 Standard Edition implementation	Public Option	5 Days	Prior to taking this course, students should have a general knowledge of networking concepts and a basic understanding of Windows SharePoint Services 3.0 and SharePoint Server 2007. Students are expected to understand and/or be able to perform the following administrative activities: DNS - ability to create alias records and records in the Hosts file; IIS - create new Web sites, host headers, and work with site security; Active Directory Users and Computers - create new user accounts, reset passwords, and perform general user and group account activities; SQL Server - a basic understanding of how to apply permissions to a database; Windows 2003 Server - a basic understanding of Active Directory; Networking - a basic understanding and the ability to assign IP addresses, host names, and general connectivity issues	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75
Configure and Administer Windows SharePoint Services 3.0 Training	This 3-day course is designed to give administrators who are new to Windows SharePoint Services 3.0 the basic and intermediate information and skills they need to deploy and manage a Windows SharePoint Services 3.0 implementation.	Public Option	3 Days	Prior to taking this course, students should have a basic understanding of the purpose for implementing Windows SharePoint Services 3.0. Students are expected to understand and/or be able to perform the following administrative activities: DNS - ability to create alias records and records in the Hosts file; IIS - create new Web sites, host headers, and work with site security; Active Directory Users and Computers - create new user accounts, reset passwords, and perform general user and group account activities; SQL Server - a basic understanding of how to apply permissions to a database; Windows 2003 Server - a basic understanding of Active Directory; Networking - a basic understanding and the ability to assign IP addresses, host names, and general connectivity issues	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Developers Guide to Windows SharePoint Services 3.0 Training	This 5-day course is designed to give SharePoint Developers basic and intermediate information plus the skills they need to extend, customize, and support a Microsoft Windows SharePoint Services 3.0 implementation.	Public Option	5 Days	Ideally, students will possess knowledge of C#, ASP.NET, Server Controls, and Web Services. Knowledge of how to create custom web parts in Windows SharePoint Services v2 is helpful, but not required. It is also helpful, but not required, if students have a basic understanding of Windows SharePoint Services 3.0 (WSS) and Microsoft Office SharePoint Server 2007 (MOSS).	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75
Customize SharePoint Sites Using SharePoint Designer 2007 Training	This 5-day course is designed to give students the tools and knowledge to customize SharePoint sites without writing code by using SharePoint Designer 2007 and in-browser customizations. The course addresses aspects of design such as applying alternate page layouts, creating and styling new pages, modifying site navigation, external data integration, including business intelligence, and custom workflows to enhance business processes. Existing Web designers will also understand how to best leverage cascading style sheets (CSS) to achieve the desired look and feel throughout SharePoint sites. After taking this course students will understand the difference between using SharePoint Designer 2007 and in-browser tools including what is achievable with each tool, and how and when to use those tools to effect SharePoint site customization. The course also factors in Web site design concepts that focus on creating user-centric SharePoint sites.	Public Option	5 Days	Prior to taking this course, students should have a general knowledge of Web site design and methodologies. They should also be familiar with SharePoint from an end user or administrative point of view. An understanding of ASP.NET 2.0 master pages and CSS is helpful, but not required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,866.75
Office SharePoint 2007 Power End User Training	This 4-day class combines the 'Site Member' and 'Site Owner' courses, to provide comprehensive training that will present students with a ground-up understanding for how to use, operate and build sites in a Microsoft Office SharePoint Server 2007 environment. Students first learn about site navigation, data storage and retrieval through instructor-led modules covering navigation, search and effective use of lists and libraries. Building on this information, students then take a deeper dive into site administration, learning how to create and manage sites, lists, libraries, views and workflows. Security and rights administration are also covered. Functional concepts and best practices are interwoven into the material, providing a framework for the topics discussed.	Public Option	4 Days	Students taking this course should have a basic knowledge of Microsoft Office 2007 products and be familiar with Internet Explorer	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
Complete Agile Training	This two day course provides an overview of agile software development principles and practices. There will be discussions about various agile methodologies, such as Scrum, XP and Lean. The focus of this course is on the various elements of the agile process, such as user stories, iteration planning, and retrospectives. The hands-on labs provide an opportunity to put into practice specific techniques around each element of the agile process. The participants will leave with an understanding of agile practices and the ability to apply them immediately.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,239.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete OOAD with UML Training	Learn how to use object-oriented techniques from requirements gathering to implementation. Students learn how to analyze and design classes and their relationships to each other in order to build a model of the business requirements. A strong emphasis is placed on diagram notation for use cases and class relationships, as well as on sequence and state diagramming to capture the dynamic behavior of the system.	Public Option	4 Days	Familiarity with software development in general is helpful	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Requirements via Use Case Training	Intertech's Complete Requirements via Use Case teaches students the terminology, notation, and process of developing Use Cases. It also gives them a basis for understanding the differences between traditional requirement gathering activities and the Use Case approach. As with all Intertech courses, this class takes students beyond the basics with hands-on laboratories that give them a chance to practice the development of Use Case diagrams and Use Case documents. It also provides them with practical real world expertise to better understand the traits of good Use Cases. Students will also get a glimpse of the effect of Use Cases on the rest of the software development, test cases and user documentation development.	Public Option	2 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
WebSphere Performance Tuning and Methodology Workshop Training	This course provides in depth information on how to tune WebSphere, database server, web server and the operating system to extract the last drop of performance. It covers performance tuning methodology, how to detect a bottleneck and common problems and solutions. After taking this class, students will be able to methodically create a stress testing plan and find bottlenecks and resolve them. The students will perform hands on labs to create test scripts, perform stress test and gather key performance numbers. The class is generic as far as the stress testing tool is concerned. The concepts learned in this class can be used with any tool of choice.	Public Option	3 Days	Good experience with WebSphere application development and/or QA. Some WebSphere admin introductory knowledge required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57
WebSphere Application Server Administration in Linux Training	This course teaches the basics of the administration and deployment of web applications in the IBM WebSphere Application Server v6.1 Network Deployment environment. The labs for the course use a Linux environment.	Public Option	5 Days	The student should have a good understanding of Web technology, Java, and operational skills for Windows. Administration skills for a web server like Apache or IBM HTTP Server would also be beneficial although not required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
WebSphere Application Server (Network Deployment Edition) Administration Training	This course teaches the basics of the administration and deployment of web applications in the IBM WebSphere Application Server v6.1 Network Deployment environment.	Public Option	5 Days	The student should have a good understanding of Web technology, Java, and operational skills for Windows. Administration skills for a web server like Apache or IBM HTTP Server would also be beneficial although not required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete WebSphere Portal Development Training	A portal is a Web site that provides end users with a single point of access to Web-based resources by aggregating those resources in one place and requiring that users log in only to the portal itself and not to each application (called portlets) they use. WebSphere Portal is middleware, applications (portlets), and development tools for building and managing secure business-to-business (B2B), business-to-consumer (B2C), and business-to-employee (B2E) portals. This course covers planning, installation, configure, customization, and some basic administration. The main focus of the course is on development for WebSphere Portals. It covers Portal API in details and how to use the Portal Toolkit to develop portlets.	Public Option	5 Days	Students must have experience with developing J2EE Web applications. Experience with WebSphere server 5/6.x is a plus. Servlets and JavaServer Pages.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Oracle WebLogic Server 11g Administration Training	This course teaches the basics of the administration and deployment of Web applications in Oracle WebLogic 11g.	Public Option	5 Days	Knowledge and experience of network management and protocols is required. Knowledge and experience of RDBMS is required.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
WebLogic Server Performance Tuning Training	This training will highlight techniques that cannot make for poorly designed applications or execution environments. Properly re-factoring applications has proven critical to improve performances in most cases. This training will also emphasize whenever possible on the differences with WebLogic 9, and on the evolution of several critical J2EE technologies and how they will change the landscape of J2EE applications (EJB 3.0, SOA, etc).	Public Option	2 Days	No development experience is necessary however development frameworks and design patterns will also be mentioned throughout the training.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,622.42
Complete C++ Training	Object - Oriented Technology has revolutionized the software industry, and C++ ranks among the most popular Object - Oriented Languages. Intertech's Complete C++ provides a solid introduction to OOD and covers the C++ syntax necessary to get "up and running" using object - oriented software development.	Public Option	4 Days	This class assumes you have solid development experience in some language other than C++ (preferably C). This class is not intended for non-programmers.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete iPhone Training	Day one is primarily focused on Objective-C and covers everything needed to start building iPhone applications. The day covers basic Objective-C syntax and constructs, use of the Xcode IDE as a development tool, the Foundation framework, building Objective-C classes, properties and methods, debugging using Xcode and GDB, and a thorough explanation of memory management on the iPhone. Day two starts with building a simple iPhone application then covers the details of views and the iPhone view hierarchy, delegates, Interface Builder, view controllers and architecture techniques to ensure a scalable app, table views, navigation and navigation controllers. Day three covers custom table cells, resources and image handling, animation, touch, some more advanced Objective-C, an in depth look at the development and debugging, and provisioning devices and managing your developer profile, and deployment. The final day of the course gives students a specification for a simple, but full iPhone application and the task for the day is to build it! All of the concepts needed for this will have been taught by this time but the specifics of how to build the app are available if needed. This is an invaluable opportunity to build a real world application with an experienced developer as mentor.	Public Option	4 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Windows Phone 7 Training	With Windows Phone 7, developers can leverage the new functionality and user interface to build intuitive and interactive mobile applications. In this course, developers learn how to leverage the Windows Phone platform and develop applications with Silverlight and XNA.	Public Option	4 Days	Knowledge of Silverlight, similar to that found in Intertech's Complete Silverlight course, is useful but not required	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16
Complete Android Training	Intertech's Complete Android Development course teaches students how to architect, design, develop, debug, and deploy Android-based applications. In this course, students learn the Android Development Platform including tools, SDK, and emulator; the Android Application Architecture; how to create intuitive user interfaces using best practices; efficient and secure data access; networking, telephony, and Bluetooth connectivity; where and how to use Android content providers; Android Services, Notifications, and Alarms; how to integrate securely with corporate data; how to troubleshoot an Android application; how to optimize an Android application; best practices for Android development; and how to market your Android application	Public Option	4 Days	There are no prerequisites for this course.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 2,388.16

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
ASP.NET MVC 2 using C# Training	<p>This course provides a practical hands-on introduction to developing Web applications using ASP.NET MVC 2 and C#. This new Web development framework from Microsoft emphasizes separation of concerns in the architecture and testability of applications. The course covers the fundamentals of the Model-View-Controller design pattern and its implementation in ASP.NET MVC. This technology is compared with classical ASP.NET Web Forms. The two technologies share a common ASP.NET infrastructure. Visual Studio 2010 is used as a productive platform for creating ASP.NET MVC applications. After presenting the fundamentals of the technology with several examples, the main components of Model, Controller and View are covered in detail. The discussion of the Model incorporates modern Microsoft data access technologies, including LINQ and ADO.NET Entity Framework 4.0. The routing mechanism of ASP.NET MVC is covered. The course includes thorough treatment of automated unit testing of Web applications, one of the chief advantages of the new technology. Security is covered and the new features in ASP.NET MVC 2 are discussed. The course concludes with a discussion of how ASP.NET MVC and Web Forms can be used together in the same application.</p>	Public Option	3 Days	The student should have a good working knowledge of C# and the .NET Framework. Basic knowledge of ASP.NET and HTML is also required. A basic knowledge of test-driven development with Visual Studio is also desirable.	Per student	Held at one of our Training centers using our classroom and facilities or attended remotely using our infrastructure. Scheduled periodically throughout the year.	Materials included in cost	\$ 1,909.57

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Java Training	The class begins by describing the core syntax of the Java language while also exposing students to object-oriented programming concepts. After establishing this essential foundation, the class then covers other crucial topics like exception handling, packaging, and when to use arrays versus collections. In addition, you learn how to use critical Java APIs for I/O, database access and graphical user interface development.	Private Option	5 Days	There are no prerequisites for Complete Java. Object oriented programming experience is helpful.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Complete Java Web Development Training	Complete Java Web Development is a crash course in developing cutting edge Web applications using the latest Java EE 5 technologies from Sun and the open source community. The course builds a strong understanding of Servlet technology as the cornerstone of Java's Web platform. It shows how JSPs build on the Servlet architecture and help your development teams achieve clear role separation. Allowing Web developers to focus on functionality while the Web designers create the layout - without stepping on each other's toes. Additionally, the class will show you how to use JSTL, custom tags and JSP expression language to reduce Java code in Web pages while adding tremendous power and capability to those pages. Attendees will also learn JavaBean component development and how these components can be easily integrated into JSPs. The class culminates in an exploration of Java MVC frameworks and compares some of the more popular offerings like Struts and Spring MVC.	Private Option	4 Days	A solid understanding of Java is required. An understanding of Web Concepts and HTML is helpful.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete Java ME Training	The Java Micro Edition (Java ME) is designed as a platform for embedded devices and consumer electronics. This hands-on course gets Java developers up to speed quickly on the differences between developing standard Java applications and micro Java applications. Students will learn to design, develop, and deploy Java applications with Java ME.	Private Option	2 Days	Complete Java or equivalent	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Java Security Training	Complete Java Security starts with coverage of standard security concerns (encryption, message digests, digital signatures, etc.). The rest of the course demonstrates respective solutions to security concerns using Java API's -- including JCE and JSSE.	Private Option	2 Days	Complete Java is highly recommended. Students should have a solid understanding of Java I/O and basic Java coding.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Advanced Java Training	This course teaches how to develop advanced Java applications optionally using Tomcat and notepad.	Private Option	5 Days	A good understanding of Object-Oriented Programming using Java	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Complete Java EE Programming Training	The class begins by describing the core syntax of the Java language while also exposing students to object-oriented programming concepts. After establishing this essential foundation, the class then covers other crucial topics like exception handling, packaging, and when to use arrays versus collections. In addition, you learn how to use critical Java APIs for I/O, database access and graphical user interface development.	Private Option	5 Days	Students are expected to have a good understanding of web technology and server-side programming for dynamic web content. Experience with Java is recommended, but even a beginner's knowledge of Java is sufficient	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Spring 3.0 Framework Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provides the technology to develop everything from small, stand-alone applications to large, complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students are exposed to the light-weight Spring container, configuration, foundational API, and general Spring architecture. Students also learn Spring MVC. Spring MVC is Spring's Model 2 framework for developing Web applications. Not just a class that focuses on theory, this course is loaded with practical labs and deals with configuration, maintenance and architectural issues. After taking this class, developers will immediately be able to utilize the Spring Framework (version 3) in their new or existing applications.	Private Option	5 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful. A basic understanding of XML is also useful. A basic understanding of Web development is helpful in understanding Spring MVC. Students that have attended Intertech's Complete Java have the necessary background for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Delta Spring Framework 3.0 Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and the framework continues to expand. This class is intended for Java developers already familiar with the Spring Framework, but need to be caught up on Spring's latest advances. In this class, learn about the new features added to Spring 3.0, what parts of the older Spring API have been deprecated. Students will also explore migration strategies. Hands-on labs allow students to experience the new Spring Framework.	Private Option	1 Day	Students should have a good understanding of the Java programming language and should have a good understanding of Spring 2.x	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 7,481.11
Complete Spring 2 Framework Core Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provided the technology to develop everything from small, stand-alone applications to large complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students are exposed to the light-weight Spring container, configuration, foundational API, and general Spring architecture. Not just a class that focuses on theory, this course is loaded with practical labs and deals with configuration, maintenance and architectural issues. After taking this class, developers will immediately be able to utilize the Spring Framework in their new or existing applications.	Private Option	3 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful. A basic understanding of XML is also useful.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Spring Framework Web Training	The Spring Framework is an open source application framework for Java. This framework has taken the Java software community by storm. Its popularity continues to rise and expand to other development communities like .NET. Spring provides the technology to develop everything from small, stand-alone applications to large, complex, enterprise systems out of simple POJOs (plain old Java objects). In this class, students learn Spring Web application development. In particular, students learn Spring MVC and Spring Web Flow 2. Spring MVC is Spring's Model 2 framework for developing Web applications. Web Flow is an extension to Spring MVC for building and running rich Web applications. Web Flow provides better Web work flow support and also provides support for Ajax development and integration of JavaServer Faces	Private Option	2 Days	Students should have a good understanding of the Java programming language and the Spring Framework core API and container. A basic understanding of Web development is very helpful	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Complete Hibernate Training	This course teaches students the most popular object-relational mapping framework for Java environments. Object relational mapping in large enterprise applications is difficult. The task is so difficult that the problem of storing and retrieving objects to a relational database has its own name - impedance mismatch. In this class, students learn object-relational mapping concepts and the various issues and options available in Java to address object persistence. With these fundamentals, the course then explores the basics of Hibernate object persistence and configuration. It also digs into the details of hibernate mapping, queries, transactions, and concurrency. Not just a class that focuses on theory, this course is loaded with practical labs and deals with maintenance and performance issues. After taking this class, developers will be able to build faster, more flexible and easier to maintain application persistence layers and overcome impedance mismatch with the Hibernate framework.	Private Option	4 Days	Students should have a good understanding of the Java programming language. A basic understanding of relational databases and SQL is very helpful	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete JavaServer Faces (JSF) using Eclipse Training	This course introduces the developer to the JSF architecture and provides the basis for planning, developing, and deploying Web based applications using the JSF framework. After taking this class, the developer will be able to quickly construct dynamic server-side web pages using JSF.	Private Option	4 Days	Participants should already have a solid understanding of Java programming and understand the basics of XML. The course also assumes a basic understanding of HTML syntax and JavaServer pages syntax. Understanding of Enterprise Java Beans (EJB) is also a plus	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Struts using Eclipse Training	This course introduces the students to Jakarta Struts 1.2. During the course, students will learn to design and develop Struts based applications. Many real life hands on exercises are used to teach various concepts of Struts	Private Option	3 Days	A good understanding of HTML; a good understanding of object-oriented programming using Java; experience with JSPs and servlets with some understanding of JavaBeans	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Delta .NET 4.0 Training	.NET 4.0 introduces a handful of new features to the C# and VB programming languages, many of which are specifically used to simplify interoperability with unmanaged code. Intertech's Complete Delta .NET 4.0 will examine these new language features, followed by an overview of the major new additions to the core base class libraries. This course also examines the new features found with WPF, WCF and WF APIs, including the new Visual Studio 2010 designers	Private Option	2 Days	Understanding equivalent to Intertech's Complete C# or Complete VB courseware. An understanding of key .NET 3.5 APIs (WPF, WCF and WF) will be very helpful	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Complete C# using VS 2010 Training	Intertech's Complete C# course is designed to expose experienced software developers to the C# programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the C# programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET and ASP.NET.	Private Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete VB using VS 2010 Training	Intertech's Complete VB course is designed to expose experienced software developers to the VB programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the VB programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET, and ASP.NET.	Private Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Complete Windows Communication Foundation (WCF) for .NET 4.0 Training	Windows Communication Foundation (WCF) is an API used to build distributed applications using .NET 3.0 (and higher). WCF was designed to expose the current multitude of Windows remoting APIs (web services, MSMQ, TCP, peer-to-peer, etc) from a single unified toolkit. In this course, attendees will examine the overall WCF programming model, binding choices, host options, security issues and the use of declarative markup to specify the underlying infrastructure. Attendees will also learn about the major changes to WCF with the release of .NET 4.0	Private Option	3 Days	Understanding of Object Oriented Programming using C# or VB.NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Complete Windows Presentation Foundation (WPF) for .NET 4.0 Training	Windows Presentation Foundation (WPF) has quickly become the preferred framework for desktop GUI applications. Intertech's Complete WPF will examine this key API beginning with the topics of XAML, code files and WPF development tools. Attendees will learn about the WPF control content model, styles and control templates, data binding, graphical rendering services and the construction of navigationally-based applications. As well, attendees will gain hands on experience using both Visual Studio and Microsoft Expression Blend to build WPF applications.	Private Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete LINQ for .NET 4.0 Training	Intertech's Complete LINQ begins by detailing numerous C# and VB language features (including extension methods and lambda expressions) which enable LINQ programming. Once the foundation has been laid, attendees will learn to build query expressions using LINQ query operators and the underlying LINQ object model. The remainder of the class will examine how to apply these query expressions to object containers, relational databases, XML documents and in parallel via PLINQ and the Task Parallel Library (TPL).	Private Option	2 Days	Understanding of Object Oriented Programming using C# or VB.NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Microsoft Visual Studio Team Foundation Server 2010 Administration Training	This three-day instructor-led course provides students with the knowledge and skills to manage Microsoft Team Foundation Server 2010. The course focuses on the technologies used in Team Foundation Server 2010 and the techniques used to deploy, manage and support Team Foundation Server 2010	Private Option	3 Days	A+ certification of equivalent knowledge; Network+ certification or equivalent knowledge; Possess working knowledge of Windows Server administrative tasks	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Delta .NET 3.5 Training	.NET 3.0 introduced three new major APIs which augment the 2.0 base class libraries. The first part of this course will examine the role of Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF) and Windows workflow Foundation (WF). The later part of this class will examine the numerous language changes which will be found within C# 3.0 / VB 3.0 with the forthcoming release of .NET 3.5. As well, you will come to understand the use of LINQ (Language Integrated Query) and the surrounding LINQ-centric programming models.	Private Option	2 Days	This course requires you to meet the following prerequisites: feel comfortable working within the Visual Studio IDE; have a firm grounding in OOP; have a firm grounding in .NET 2.0 development; have a solid understanding of C# or Visual Basic	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete C# using VS 2008 Training	Intertech's Complete C# starts by teaching students C# syntax and semantics as well as the concepts of Object Oriented Programming (OOP). In the class, students learn classes, enums, structures, delegates, and interfaces (the .NET type system). Students also learn file Input/Output and metadata. This course also covers ASP.NET, Windows Forms, and ADO.NET.	Private Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Complete VB using VS 2008 Training	Intertech's Complete VB course is designed to expose experienced software developers to the VB programming language and the core APIs of the .NET platform. The course will begin by exposing attendees to the syntax and semantics of the VB programming language and Object Oriented Programming (OOP) concepts. Students will gain an understanding of the .NET type system (classes, structures, enums, interfaces and delegates), assembly configuration, file IO operations and the role of type metadata. Once the foundational topics have been addressed, the remainder of the class will introduce the role of Windows Forms, ADO.NET, and ASP.NET.	Private Option	5 Days	Students should be comfortable working with the Windows XP / Windows Vista OS. Students should have experience using graphical IDEs to build and debug software applications. Students will ideally have some exposure to OOP concepts, however this is not mandatory.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Complete Windows Communication Foundation (WCF) for .NET 3.5 Training	Windows Communication Foundation (WCF) is an API used to build distributed applications using .NET 3.0 (and higher). WCF was designed to expose the current multitude of Windows remoting APIs (web services, MSMQ, TCP, peer-to-peer, etc) from a single unified toolkit. In this course, attendees will examine the overall WCF programming model, binding choices, host options, security issues and the use of declarative markup to specify the underlying infrastructure.	Private Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Windows Presentation Foundation (WPF) for .NET 3.5 Training	Windows Presentation Foundation (WPF) is a GUI toolkit introduced with .NET 3.0. Intertech's Complete WPF will examine this new programming API beginning with the topics of XAML, code files and WPF development tools. Attendees will learn about the WPF control programming model, styles and control templates, data binding, graphical rendering services and the construction of navigationally-based applications.	Private Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Complete Windows Workflow Foundation (WF) for .NET 3.5 Training	Windows Workflow Foundation (WF) is an API introduced with .NET 3.0 which allows you to execute and monitor business processes workflows directly in managed code. In this course, attendees will gain a clear understanding of the use of workflows, activities, and the visual tools which allow you to design them. we will also examine how to interact with the WF runtime engine, create custom activities and survey the integrated feature WF set.	Private Option	4 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete LINQ for .NET 3.5 Training	.NET 3.5 introduces significant updates to the C# and VB programming languages, many of which are specifically used to enable Language Integrated Query (LINQ). Intertech's Complete LINQ begins by detailing each of these new language features (including extension methods and lambda expressions). Once the foundation has been laid, attendees will learn to build query expressions using LINQ query operators and the underlying LINQ object model. The remainder of the class will examine how to apply these query expressions to object containers, relational databases and XML documents.	Private Option	2 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete ADO.NET 3.5 Training	This two-day instructor-led course provides students with the knowledge and skills to access and modify data by using ADO.NET 3.5.	Private Option	2 Days	Before attending this course, students should have intermediate experience developing applications by using previous versions of Microsoft Visual Studio at level 200.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Complete Silverlight 4.0 Training	Silverlight 4.0 is a web-based GUI toolkit based on the WPF programming model. Intertech's Complete Silverlight 4.0 begins by examining the topics of XAML, code files and the role of Visual Studio 2010 and Expression Blend 4. After this point, attendees will learn about several key aspects of the Silverlight programming model including styles and control templates, data binding, animations and graphical rendering services. The course also examines several key APIs and how to configure a Silverlight application to run out of browser (OOB).	Private Option	3 Days	Understanding of Object Oriented Programming using C# or VB .NET 2.0 development experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Complete ASP.NET 4.0 Training	This course presents all the essential tools, libraries, components and best practices that today's Web developers must utilize while building leading-edge ASP.NET Web applications. It begins by explaining the different Web application architectures and project types supported by Visual Studio 2008. Next, it introduces the different types of Web controls that are at the developers' disposal. It also demonstrates the power of creating custom Web controls. User controls and master pages demonstrate the power of code reuse while the site navigation controls can be used to simplify navigation for the Web users. A thorough explanation of data binding is covered using the latest Web data controls. Students also learn about the ASP.NET provider model introduced with .NET 2.0 and newer. Web Parts are also extensively covered for use on ASP.NET and SharePoint Web sites. Today's Web security risks are explained and AJAX and jQuery are covered to offer a Web 2.0 user experience. Often overlooked in other courses, the different methods of ASP.NET Web deployment are also explained. The course wraps up with an introduction to Silverlight programming, which is Microsoft's answer to Adobe's Flash technology.	Private Option	5 Days	Students should be comfortable working with Windows XP, Vista, Server 2008, or 7. Students should have experience using graphical IDEs to build and debug software applications. Students must have experience with .NET. If not, they should first attend Complete C# or Complete VB	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete ASP.NET 3.5 Training	This course presents all the essential tools, libraries, components and best practices that today's Web developers must utilize while building leading-edge ASP.NET Web applications. It begins by explaining the different Web application architectures and project types supported by Visual Studio 2010. Next, it introduces the different types of Web controls that are at the developers' disposal. It also demonstrates the power of creating custom Web controls. User controls and master pages demonstrate the power of code reuse while the site navigation controls can be used to simplify navigation for the Web users. A thorough explanation of ADO.NET is covered using the latest Web data controls. Students also learn about the ASP.NET provider model introduced with .NET 2.0 and newer. Web Parts are also extensively covered for use on ASP.NET and SharePoint Web sites. Today's Web security risks are explained and AJAX is covered to offer a Web 2.0 user experience. Often overlooked in other courses, the different methods of Web deployment are also explained. The course wraps up with an introduction to Silverlight programming, which is Microsoft's answer to Adobe's Flash technology.	Private Option	5 Days	Students should be comfortable working with Windows XP or Windows Vista. Students should have experience using graphical IDEs to build and debug software applications. Students must have experience with .NET. If not, they should first attend Complete C# or Complete VB	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Fast UI/UX Prototyping using Blend 3 and Sketch Flow Training	Silverlight and WPF are technologies for creating Visually Rich Applications. Both allow creating visually stunning user interface (UI) and providing the end user with outstanding user experience (UX) while using the application. Expression Blend 3 is a part of Microsoft Expression Studio, which helps Silverlight and WPF developers to create rich UI and design outstanding UX. As a part of a design process, developers and designers need to create prototypes of future application. Sketch Flow feature in Blend 3 helps to create such prototypes. This one day instructor-led course provides students with the knowledge and skills to prototype UI/UX for applications using Microsoft Silverlight 3/WPF and Microsoft Expression Blend 3 through a variety of available techniques. The course focuses on user interfaces, user experience prototyping and pilot applications implementation.	Private Option	1 Day	Before attending this course, students must have knowledge of Silverlight or WPF technology and some Blend experience	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 7,481.11
Complete Windows Azure Training	This class is an introduction to cloud computing and specifically Microsoft's public cloud offering in Windows Azure. Windows Azure has been described by Microsoft as an operating system for "the cloud". In this class, you will explore this new cloud operating system and learn how to write, deploy and monitor .NET applications in Azure.	Private Option	3 Days	Experience with Visual Studio 2008 or better is required. Knowledge and experience in a .NET language (C# or VB) is required. Knowledge of ASP.NET is required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete AJAX for Java Training	This class will introduce you to the suite of technologies that are used to create an Ajax web application. This is not, however, simply a catalog of Ajax libraries and tools: all topics covered are grounded in "Real World" usage. Learning in this class is designed to go above and beyond the "what" and "how" of Ajax. After completing this course, you will be well versed in the critical answers to "why" and "when", as they relate to the technical foundations of building dynamic web applications. The material covers AJAX foundations including HTTP, asynchronous communication, advanced JavaScript, the DOM API, events, and JSON, as well as higher level topics in debugging, security, and frameworks (jQuery)	Private Option	3 Days	Basic HTML / XHTML, JavaScript, and CSS in required. Also, should understand servlets and JSP.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
AJAX 4 using Visual Studio 2010 Training	AJAX is based on a collection of open and standards-based technologies that can give Web pages you build a responsiveness that rivals what you get in desktop applications. The course starts out with an exploration of the fundamentals of AJAX. Then you'll go through a few of the more interesting features in JavaScript that will help you write code that runs in the browser. Next up is an introduction to the five server-side controls that you can use in a Web forms page to reduce the amount of data that has to move between client and server. Then you'll explore some of the techniques you can use to create applications that give users a good experience with your Web application. Next you'll look at the AJAX Control Toolkit, a collection of server-side controls and extenders that do a lot of the work that you used to have to write reams of JavaScript code to accomplish.	Private Option	1 Day	This course assumes that you are familiar and experienced with Microsoft's .NET Framework and ASP.NET development tools. You should be familiar with web development and understand how HTTP and HTML work to produce Web pages for the user. You should have experience writing applications with ASP.NET 3.5, 4.0, or later Web forms, and be familiar with how ASP.NET processes page requests, and have strong experience with .NET Framework 3.5, 4.0, or later programming. You should have	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 7,481.11
Mastering jQuery Training	The Java Micro Edition (Java ME) is designed as a platform for embedded devices and consumer electronics. This hands-on course gets Java developers up to speed quickly on the differences between developing standard Java applications and micro Java applications. Students will learn to design, develop, and deploy Java applications with Java ME.	Private Option	2 Days	Good knowledge of JavaScript and DOM API is required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Advanced XML Programming Training	In this two-day course students will learn advanced features of XML. Through lecture and hands-on lab exercises, they will extend their capabilities in XML Schema, XPath, and XSLT. In addition, new topics such as XQuery and features of XSLT 2.0 will be discussed.	Private Option	2 Days	Fundamentals of XML and some XML development experience is required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Complete Java Web Services Training	The Complete Java Web Services class teaches students how to build Web Services and Web Service clients using Java technologies. The class includes a high-speed introduction to XML syntax, namespaces, XML Schema, SOAP, and WSDL before exploring Web Service client or server-side development in Java APIs and tools. Specifically, this class focuses on JAX-WS and JAX-RS web service and client development.	Private Option	4 Days	Students should have a good understanding of the Java programming language. A basic understanding of XML is very helpful. Students that have attended Intertech's Complete Java have the necessary background for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete XSLT Training	The Extensible Stylesheet Language Transformations, or XSLT, is an extraordinarily useful tool for getting the most out of your XML. XML provides a hierarchical format for data, and the structure chosen for working with this data may not be ideal for rendering or presenting this information to the user. Also, there may be differences between your hierarchy and the hierarchy of your trading partners. Wouldn't it be nice if there was a common syntax for structurally changing this data, facilitating its usefulness across a variety of scenarios? XSLT is this common syntax. In this Intertech course, students will be provided the opportunity to learn the syntax in detail, practice creating stylesheets, see lots of examples, learn about the different design patterns, and understand the underlying transformation process. They will be armed with information needed to solve transformation problems in the real world and the knowledge of where to seek answers for tricky situations.	Private Option	2 Days	Solid knowledge of XML required. Familiarity with HTML required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Groovy Training	Groovy is a Java platform language. Intertech's Complete Groovy course covers the Groovy GDK including data types, control structures, closures, and dynamic object orientation. This course also introduces Grails and database connectivity.	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Complete Grails Training	Intertech's Complete Grails course teaches students how to createweb applications using Grails and Groovy. Students learn Groovy basics including closures and collections, MVC (Model View Controller) design with Grails, database access, the build-test-deploy lifecycle. The course also includes coverage of Grails 3rd party plug-ins.	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
SQL Server 2008 R2 Training	SQL Server 2008 brought many changes to the SQL platform and the R2 release added many more. This course will help to bring you up to speed on these changes and how they will affect how you work with SQL Server. You will see what is new with installation and security, see its support for managing data-tier applications and a multi-server environment, and learn about PowerPivot, which Microsoft calls "managed self-service business intelligence" that gets BI data in the hands of users who need it. Next you will learn about the new Streaminsight feature that lets you query high-volume data streams for useful nuggets of information and emerging trends. Reporting Services probably received by far the most enhancements in R2 and you will learn about the new expression language and data visualization features. Report Manager and Viewer received major overhauls and you'll see how to put them to good use, as well as explore how to put Report Builder to use creating great reports.	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Writing Queries Using Microsoft SQL Server 2008 Transact-SQL Training	This 3-day instructor led course provides students with the technical skills required to write basic Transact-SQL queries for Microsoft SQL Server 2008.	Private Option	3 Days	Before attending this course, students must have knowledge of data integrity concepts; core Windows Server skills; relational database design skills; programming skills	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
SQL Server for Developers Training	This three-day, hands-on course provides students with the technical skills required to program a database solution using Microsoft SQL Server.	Private Option	3 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Querying and Processing SQL Server Data with SQL Statements Training	This two-day, hands-on course covers everything database administrators and developers need to know to query SQL Server databases using SELECT statements ranging from simple to complex, and use INSERT, UPDATE and DELETE statements to modify and maintain data. Creating and using of VIEWS is also covered, along with accessing data through stored procedures and user-defined functions	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SQL Server 2008 Integration Services (SSIS) Training	This course will enable technology professionals with little or no ETL experience to be comfortable and productive with the SSIS tools and technologies. In this course you will learn about the Business Intelligence Development Studio (BIDS) and working with Control and Data Flows to build workflows to extract, transform, and load data using a variety of data sources, transformations, and destinations. You will also become familiar with SSIS package management and package deployment along with learning to write solid code using debugging, error handling and logging techniques.	Private Option	3 Days	This course assumes no prior knowledge of SQL Server Integration Services. This course does assume prior knowledge of SQL Server 2008 and the use of SQL Server Management Studio for development and administrative tasks. You should be able to create CRUD (create, retrieve, update, and delete) queries using T-SQL, understand basic relational databases design, run script files and diagnose problems that occur, and have experience building	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
SQL Server 2008 Reporting Services (SSRS) Training	In this course, you will learn how to use SQL Server 2008 Reporting Services to create, execute, and manage reports. You will learn how to create tabular, matrix (cross-tab), and chart reports. You'll explore creating reports with groups, expressions, conditional formatting, and parameters. The reports you create in the course will employ shared data sources, interactive sorting, and drill-down capabilities. You'll explore the deployment and printing of reports and the export of reports to PDF, Excel, and other formats. You'll gain a thorough understanding of Reporting Services security, report snapshots, subscriptions, and the use of custom assemblies. You'll also discover how to integrate reports into your ASP.NET and WinForms applications using URL access and the Reporting Services Web Service API, without requiring users to use Internet Explorer. Finally, you'll learn how to empower your users to create ad-hoc reports using Report Builder and Report Model projects.	Private Option	3 Days	This course assumes no prior knowledge of SQL Server Reporting Services. This course does assume prior knowledge of SQL Server 2008 and the use of SQL Server Management Studio for development, Visual Studio 2008 using Visual Basic and administrative tasks. Write and run expressions, script files and diagnose problems that occur.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
SQL Server 2008 Analysis Services (SSAS) Training	In this course, you will learn how to use Microsoft SQL Server 2008 Analysis Services (SSAS) to design and implement OnLine Analytical Processing (OLAP) cubes and data mining models to support Business Intelligence (BI) solutions. This course includes concepts, procedures and practices based on real-world experience giving both the novice and experienced SQL Server 2008 developer the tools to build data cubes and forecasting solutions. This course also provides information on end-user tools including Microsoft Excel 2007, Office Visio 2007 Professional Edition, SQL Server Business Intelligence Development Studio (BIDS) Microsoft SQL Server 2005 Integrated Services and Reporting Services.	Private Option	3 Days	This course does not require any prior experience with Analysis Server 2008. It is assumed that students have working experience with SQL Server 2005 or 2008; basic relational database concepts (e.g. tables, queries, and indexing); data transformation services; Excel 2007; and SharePoint Server 2007.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Designing a Business Intelligence Solution for the Enterprise Using Microsoft SQL Training	The purpose of this two-day instructor-led course is to teach Business Intelligence (BI) professionals working in enterprise environments to design a BI solution architecture. Students will be taught the importance of keeping all components of the solution and stages of the lifecycle in mind. The first day focuses on foundational standards and practices for the enterprise. The second day focuses on a project-specific lifecycle for capturing requirements and deriving a solution architecture.	Private Option	2 Days	Before attending this course, students must have foundational conceptual understanding of data warehousing, data marts, and Business Intelligence; have conceptual understanding of the components of SQL Server 2005, ETL, and Reporting on the SQL Server 2005 Platform; have foundational understanding of Microsoft Windows security; have foundational understanding of Web-Based architectures; already know	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Implementing a Microsoft SQL Server 2008 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to implementing a database	Private Option	5 Days	Before attending this course, students must have working knowledge of Transact-SQL; working knowledge of Relational databases; Core Windows Server skills; Database design skills; SQL Server skills	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Maintaining a Microsoft SQL Server 2008 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to implementing a database	Private Option	4 Days	Before attending this course, students must have working knowledge of Transact-SQL; working knowledge of Relational databases; Core Windows Server skills; Database design skills; SQL Server skills	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Introduction to Microsoft Business Intelligence from SQL 2008 through SharePoint and Office 2007 Training	This instructor-led course provides students with the knowledge and skills to develop Microsoft End-to-End business solutions using SQL Server 2008 in an integrated environment with SharePoint and Office 2007. The course introduces the students to Microsoft Unified Data Model, SQL 2008 Analysis Services, Integration Services, Reporting Services, Report Builder 2.0, SharePoint 2007 Integration, Reporting Services Content Types, Business Data Catalog, and Business Intelligence with Excel 2007 and Visio 2007.	Private Option	5 Days	Before attending this course, students must have a working knowledge of RDBMS; a working knowledge of Business Intelligence Studio; a working knowledge of Excel and the Office Ribbon; understanding of the goals of Business Intelligence	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 20,448.36
SQL Server 2005 Integration Services (SSIS) Training	This course will enable technology professionals with little or no ETL experience and minimal exposure to SQL Server 2005 and Visual Studio 2005 to be comfortable and productive with the SSIS tools and technologies. In this course you will learn about the SQL Server Management Studio (SSMS) and building Database Maintenance Plans. You will be introduced to the Business Intelligence Development Studio (BIDS) and working with control flow and Data Flow. You will also become familiar with SSIS package management and package deployment along with learning to write solid code using debugging, error handling and logging techniques.	Private Option	3 Days	This course assumes no prior knowledge of SQL Server Integration Services. This course does assume prior knowledge of SQL Server 2005 and basic use of SQL Server Management Studio. Other tools used in this course include Notepad, Microsoft Excel, and basic features of Windows.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
SQL Server 2005 Reporting Services (SSRS) Training	In this course, you will learn how to use SQL Server 2005 Reporting Services to create, execute, and manage reports. You will learn how to create tabular, matrix (cross-tab), and chart reports using Visual Studio 2005 and SQL Server 2005 Business Intelligence Studio. You'll explore creating reports with groups, expressions, conditional formatting, and parameters. The reports you create in the course will employ shared data sources, interactive sorting, and drill-down capabilities. You'll explore the deployment and printing of reports and the export of reports to PDF, Excel, and other formats. You'll gain a thorough understanding of Reporting Services security, report snapshots, subscriptions, and the use of custom assemblies. You'll also discover how to integrate reports into your ASP.NET and WinForms applications using URL access and the Reporting Services Web Service API, without requiring users to use Internet Explorer. Finally, you'll learn how to empower your users to create ad-hoc reports using Report Builder and Report Model projects.	Private Option	3 Days	Familiarity with databases and the SQL language; knowledge of SQL Server helpful but not required; knowledge of Visual Studio .NET/2005 helpful but not required; knowledge of C# or VB helpful but also not required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SQL Server 2005 Analysis Services (SSAS) Training	In this course, you will learn how to use Microsoft SQL Server 2005 Analysis Services (SSAS) to design and implement OnLine Analytical Processing (OLAP) cubes and data mining models to support Business Intelligence (BI) solutions. This course includes concepts, procedures and practices based on real-world experience giving both the novice and experienced SQL Server 2005 developer the tools to build data warehousing and decision support system solutions. This course also provides information on end-user tools including Microsoft Excel 2003/2007 and Microsoft SQL Server 2005 Reporting Services. Implementing SSAS solutions have shown to boost data retrieval and report generation from SQL Server by up to 1000%.	Private Option	3 Days	This course does not require any prior experience with Analysis Server 2005. It is assumed that students have working experience with SQL Server 2000 or 2005; basic relational database concepts (e.g., tables, queries, and indexing); data transformation services; Excel 2003; and SharePoint Server 2003.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
Implementing a Microsoft SQL Server 2005 Database Training	This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2005 database. The course focuses on teaching individuals how to use SQL Server 2005 product features and tools related to implementing a database	Private Option	5 Days	Before attending this course, students must have basic knowledge of the Microsoft Windows operating system and its core functionality; working knowledge of Transact-SQL; working knowledge of Relational databases; some experience with database design	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Maintaining a Microsoft SQL Server 2005 Database Training	This four-day instructor-led course provides students with product knowledge and skills needed to maintain a Microsoft SQL Server 2005 database. The course focuses on teaching individuals how to use SQL Server 2005 product features and tools related to maintaining a database.	Private Option	4 Days	Before attending this course, students must have: basic knowledge of the Microsoft Windows operating system and its core functionality; working knowledge of Transact-SQL; working knowledge of relational databases; and some experience with database design	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SharePoint Foundation 2010 Developer Training	Thorough education is key to working with SharePoint 2010 productively. This course guides you through essential 2010 elements, from pre-requisites to system integration, giving you the skills to work confidently and leverage full value from new technology.	Private Option	5 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32
SharePoint 2010 Core Technologies Training	This course is designed for the IT professional who has been tasked with setting up, managing and maintaining Microsoft's SharePoint Server 2010 platform. During this 5 day instructor led course you will learn how to install SharePoint Server, create and manage Web applications and site collections as well as understand their place and purpose within the SharePoint platform. You will also learn about the new implementation of service applications and gain an understanding of the document management features provided by this newest edition of SharePoint Server	Private Option	5 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32
SharePoint Designer 2010 Training	The primary audiences for this course are Web designers, administrators, and developers who use and work with Office SharePoint Server 2010, and want to learn how to customize SharePoint sites without writing code. Web designers will understand the extent of customizations available using in-browser tools. They will also learn the advantages of using SharePoint Designer 2010 to further enhance SharePoint site customization such as creating master pages and multiple-step workflows, as well as leverage their existing design knowledge to achieve the desired look and feel throughout SharePoint sites. Administrators will learn how SharePoint Designer 2010 can help with administrative tasks such as backing up and restoring sites to alternate locations, controlling access to SharePoint Designer 2010 and setting design level permissions for end users who work with SharePoint Designer 2010. Administrators will also understand the in-browser customization capabilities made available to end users depending on the permission settings for those users. Developers will understand the alternatives to working with Visual Studio. They will also learn which customizations are achievable using in-browser tools and SharePoint Designer 2010. In addition, developers will learn how to create custom solutions using SharePoint Designer 2010.	Private Option	5 Days	Prior to taking this course, students should have a general knowledge of Web site design and methodologies. They should also be familiar with SharePoint from an end user or administrative point of view. An understanding of ASP.NET 2.0 master pages and CSS is helpful, but not required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
SharePoint 2010 for End Users Training	This 4-day class combines the Site Member and Site Owner courses, to provide comprehensive training that will present students with a ground-up understanding for how to use, operate and build sites in a SharePoint Server 2010 environment	Private Option	4 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 19,450.88
Adminstrating Microsoft Office SharePoint Server 2007	This 5-day course is designed to give SharePoint administrators basic and intermediate information and skills they need to design, deploy, and manage a Microsoft Office SharePoint Server 2007 Standard Edition implementation	Private Option	5 Days	Prior to taking this course, students should have a general knowledge of networking concepts and a basic understanding of Windows SharePoint Services 3.0 and SharePoint Server 2007. Students are expected to understand and/or be able to perform the following administrative activities: DNS - ability to create alias records and records in the Hosts file; IIS - create new Web sites, host headers, and work with site security; Active Directory Users and Computers -	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32
Configure and Administer Windows SharePoint Services 3.0 Training	This 3-day course is designed to give administrators who are new to Windows SharePoint Services 3.0 the basic and intermediate information and skills they need to deploy and manage a Windows SharePoint Services 3.0 implementation.	Private Option	3 Days	Prior to taking this course, students should have a basic understanding of the purpose for implementing Windows SharePoint Services 3.0. Students are expected to understand and/or be able to perform the following administrative activities: DNS - ability to create alias records and records in the Hosts file; IIS - create new Web sites, host headers, and work with site security; Active Directory Users and Computers - create new user accounts, reset passwords, and	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Developers Guide to Windows SharePoint Services 3.0 Training	This 5-day course is designed to give SharePoint Developers basic and intermediate information plus the skills they need to extend, customize, and support a Microsoft Windows SharePoint Services 3.0 implementation.	Private Option	5 Days	Ideally, students will possess knowledge of C#, ASP.NET, Server Controls, and Web Services. Knowledge of how to create custom web parts in Windows SharePoint Services v2 is helpful, but not required. It is also helpful, but not required, if students have a basic understanding of Windows SharePoint Services 3.0 (WSS) and Microsoft Office SharePoint Server 2007 (MOSS).	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32
Customize SharePoint Sites Using SharePoint Designer 2007 Training	This 5-day course is designed to give students the tools and knowledge to customize SharePoint sites without writing code by using SharePoint Designer 2007 and in-browser customizations. The course addresses aspects of design such as applying alternate page layouts, creating and styling new pages, modifying site navigation, external data integration, including business intelligence, and custom workflows to enhance business processes. Existing Web designers will also understand how to best leverage cascading style sheets (CSS) to achieve the desired look and feel throughout SharePoint sites. After taking this course students will understand the difference between using SharePoint Designer 2007 and in-browser tools including what is achievable with each tool, and how and when to use those tools to effect SharePoint site customization. The course also factors in Web site design concepts that focus on creating user-centric SharePoint sites.	Private Option	5 Days	Prior to taking this course, students should have a general knowledge of Web site design and methodologies. They should also be familiar with SharePoint from an end user or administrative point of view. An understanding of ASP.NET 2.0 master pages and CSS is helpful, but not required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 22,443.32
Office SharePoint 2007 Power End User Training	This 4-day class combines the 'Site Member' and 'Site Owner' courses, to provide comprehensive training that will present students with a ground-up understanding for how to use, operate and build sites in a Microsoft Office SharePoint Server 2007 environment. Students first learn about site navigation, data storage and retrieval through instructor-led modules covering navigation, search and effective use of lists and libraries. Building on this information, students then take a deeper dive into site administration, learning how to create and manage sites, lists, libraries, views and workflows. Security and rights administration are also covered. Functional concepts and best practices are interwoven into the material, providing a framework for the topics discussed.	Private Option	4 Days	Students taking this course should have a basic knowledge of Microsoft Office 2007 products and be familiar with Internet Explorer	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 19,450.88

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Agile Training	This two day course provides an overview of agile software development principles and practices. There will be discussions about various agile methodologies, such as Scrum, XP and Lean. The focus of this course is on the various elements of the agile process, such as user stories, iteration planning, and retrospectives. The hands-on labs provide an opportunity to put into practice specific techniques around each element of the agile process. The participants will leave with an understanding of agile practices and the ability to apply them immediately.	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55
Complete OOAD with UML Training	Learn how to use object-oriented techniques from requirements gathering to implementation. Students learn how to analyze and design classes and their relationships to each other in order to build a model of the business requirements. A strong emphasis is placed on diagram notation for use cases and class relationships, as well as on sequence and state diagramming to capture the dynamic behavior of the system.	Private Option	4 Days	Familiarity with software development in general is helpful	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete Requirements via Use Case Training	Intertech's Complete Requirements via Use Case teaches students the terminology, notation, and process of developing Use Cases. It also gives them a basis for understanding the differences between traditional requirement gathering activities and the Use Case approach. As with all Intertech courses, this class takes students beyond the basics with hands-on laboratories that give them a chance to practice the development of Use Case diagrams and Use Case documents. It also provides them with practical real world expertise to better understand the traits of good Use Cases. Students will also get a glimpse of the effect of Use Cases on the rest of the software development, test cases and user documentation development.	Private Option	2 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
WebSphere Performance Tuning and Methodology Workshop Training	This course provides in depth information on how to tune WebSphere, database server, web server and the operating system to extract the last drop of performance. It covers performance tuning methodology, how to detect a bottleneck and common problems and solutions. After taking this class, students will be able to methodically create a stress testing plan and find bottlenecks and resolve them. The students will perform hands on labs to create test scripts, perform stress test and gather key performance numbers. The class is generic as far as the stress testing tool is concerned. The concepts learned in this class can be used with any tool of choice.	Private Option	3 Days	Good experience with WebSphere application development and/or QA. Some WebSphere admin introductory knowledge required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51
WebSphere Application Server Administration in Linux Training	This course teaches the basics of the administration and deployment of web applications in the IBM WebSphere Application Server v6.1 Network Deployment environment. The labs for the course use a Linux environment.	Private Option	5 Days	The student should have a good understanding of Web technology, Java, and operational skills for Windows. Administration skills for a web server like Apache or IBM HTTP Server would also be beneficial although not required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
WebSphere Application Server (Network Deployment Edition) Administration Training	This course teaches the basics of the administration and deployment of web applications in the IBM WebSphere Application Server v6.1 Network Deployment environment.	Private Option	5 Days	The student should have a good understanding of Web technology, Java, and operational skills for Windows. Administration skills for a web server like Apache or IBM HTTP Server would also be beneficial although not required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete WebSphere Portal Development Training	<p>A portal is a Web site that provides end users with a single point of access to Web-based resources by aggregating those resources in one place and requiring that users log in only to the portal itself and not to each application (called portlets) they use.</p> <p>WebSphere Portal is middleware, applications (portlets), and development tools for building and managing secure business-to-business (B2B), business-to-consumer (B2C), and business-to-employee (B2E) portals. This course covers planning, installation, configure, customization, and some basic administration. The main focus of the course is on development for WebSphere Portals. It covers Portal API in details and how to use the Portal Toolkit to develop portlets.</p>	Private Option	5 Days	Students must have experience with developing J2EE Web applications. Experience with WebSphere server 5/6.x is a plus. Servlets and JavaServer Pages.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
Oracle WebLogic Server 11g Administration Training	This course teaches the basics of the administration and deployment of Web applications in Oracle WebLogic 11g.	Private Option	5 Days	Knowledge and experience of network management and protocols is required. Knowledge and experience of RDBMS is required.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 16,458.44
WebLogic Server Performance Tuning Training	This training will highlight techniques that cannot make for poorly designed applications or execution environments. Properly re-factoring applications has proven critical to improve performances in most cases. This training will also emphasize whenever possible on the differences with WebLogic 9, and on the evolution of several critical J2EE technologies and how they will change the landscape of J2EE applications (EJB 3.0, SOA, etc).	Private Option	2 Days	No development experience is necessary however development frameworks and design patterns will also be mentioned throughout the training.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 10,473.55

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete C++ Training	Object - Oriented Technology has revolutionized the software industry, and C++ ranks among the most popular Object - Oriented Languages. Intertech's Complete C++ provides a solid introduction to OOD and covers the C++ syntax necessary to get "up and running" using object - oriented software development.	Private Option	4 Days	This class assumes you have solid development experience in some language other than C++ (preferably C). This class is not intended for non-programmers.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete iPhone Training	Day one is primarily focused on Objective-C and covers everything needed to start building iPhone applications. The day covers basic Objective-C syntax and constructs, use of the Xcode IDE as a development tool, the Foundation framework, building Objective-C classes, properties and methods, debugging using Xcode and GDB, and a thorough explanation of memory management on the iPhone. Day two starts with building a simple iPhone application then covers the details of views and the iPhone view hierarchy, delegates, Interface Builder, view controllers and architecture techniques to ensure a scalable app, table views, navigation and navigation controllers. Day three covers custom table cells, resources and image handling, animation, touch, some more advanced Objective-C, an in depth look at the development and debugging, and provisioning devices and managing your developer profile, and deployment. The final day of the course gives students a specification for a simple, but full iPhone application and the task for the day is to build it! All of the concepts needed for this will have been taught by this time but the specifics of how to build the app are available if needed. This is an invaluable opportunity to build a real world application with an experienced developer as mentor.	Private Option	4 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
Complete Windows Phone 7 Training	With Windows Phone 7, developers can leverage the new functionality and user interface to build intuitive and interactive mobile applications. In this course, developers learn how to leverage the Windows Phone platform and develop applications with Silverlight and XNA.	Private Option	4 Days	Knowledge of Silverlight, similar to that found in Intertech's Complete Silverlight course, is useful but not required	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96

Course Title	Course Description	Options	Length & Type of Course	Prerequisites (if applicable)	Min/Max Number of Students	Course Schedule and Location	Materials Necessary	Awarded GSA Rate
Complete Android Training	Intertech's Complete Android Development course teaches students how to architect, design, develop, debug, and deploy Android-based applications. In this course, students learn the Android Development Platform including tools, SDK, and emulator; the Android Application Architecture; how to create intuitive user interfaces using best practices; efficient and secure data access; networking, telephony, and Bluetooth connectivity; where and how to use Android content providers; Android Services, Notifications, and Alarms; how to integrate securely with corporate data; how to troubleshoot an Android application; how to optimize an Android application; best practices for Android development; and how to market your Android application	Private Option	4 Days	There are no prerequisites for this course.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 15,460.96
ASP.NET MVC 2 using C# Training	This course provides a practical hands-on introduction to developing Web applications using ASP.NET MVC 2 and C#. This new Web development framework from Microsoft emphasizes separation of concerns in the architecture and testability of applications. The course covers the fundamentals of the Model-View-Controller design pattern and its implementation in ASP.NET MVC. This technology is compared with classical ASP.NET Web Forms. The two technologies share a common ASP.NET infrastructure. Visual Studio 2010 is used as a productive platform for creating ASP.NET MVC applications. After presenting the fundamentals of the technology with several examples, the main components of Model, Controller and View are covered in detail. The discussion of the Model incorporates modern Microsoft data access technologies, including LINQ and ADO.NET Entity Framework 4.0. The routing mechanism of ASP.NET MVC is covered. The course includes thorough treatment of automated unit testing of Web applications, one of the chief advantages of the new technology. Security is covered and the new features in ASP.NET MVC 2 are discussed. The course concludes with a discussion of how ASP.NET MVC and Web Forms can be used together in the same application.	Private Option	3 Days	The student should have a good working knowledge of C# and the .NET Framework. Basic knowledge of ASP.NET and HTML is also required. A basic knowledge of test-driven development with Visual Studio is also desirable.	Up to 10 students	Held at one of our Training centers using our classroom and facilities or held at the client's site using client's classroom and equipment. Scheduled based on client's need.	Materials included in cost	\$ 12,468.51