## Budget Analysis (GS-560) Competency - Training Crosswalk

<table>
<thead>
<tr>
<th>Technical Competency</th>
<th>Training Opportunities and Recommended Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Budget Calculation</strong></td>
<td><strong>Training Opportunities:</strong></td>
</tr>
</tbody>
</table>
| Compiles, analyzes and summarizes probable financial income and expenditures over a specific period, as well as allocates funds for a specific purpose within a given time frame. | • Estimating Discretionary Outlays ([Video-OMB-MAX](#))  
• History of Budget ([Video-OMB-MAX](#))  
• Reading a SF 133 ([Video-OMB-MAX](#))  
• Microsoft Excel Levels 1 and 2 ([NIH Training Center](#))  
• Intro to Excel 101 ([OMB MAX – Budget Line of Business](#))  
• Intro to Excel 102 ([OMB MAX – Budget Line of Business](#))  
• Advanced Excel 201 ([OMB MAX – Budget Line of Business](#))  
• Advanced Excel 202 ([OMB MAX – Budget Line of Business](#))  |
| **Federal Budget Process** | **Other recommended topics:** |
| Understands and complies with the Federal Budget process, including budget formulation, presentation and execution. | • Budget Formulation Focus on Three ([OMB MAX – Budget LOB](#))  
• Salary Projections (Hands-on or Formal Training)  
• Congressional Justification (CJ) Development (Hands On or Formal Training)  |

**Training Opportunities:**
- Introduction to the NIH Budget Process ([NIHTC](#))
- Budget Execution (in development with NIHTC)
- **Budget Formulation Training Modules ([OMB MAX – Budget LOB](#))**
- **Budget Execution Training Modules ([OMB MAX – Budget LOB](#))**
- Continuing Resolution ([Video-OMB-MAX](#))
- Rules for Spending Federal Money ([Video-OMB-MAX](#))
- Spending the People’s Money ([Video-OMB-MAX](#))
- Spending Somebody Else’s Money ([Video-OMB-MAX](#))
- Reading Appropriation Language ([Video-OMB-MAX](#))
- Apportionment ([Video-OMB-MAX](#))
- Executing a Budget ([Video-OMB-MAX](#))
- Treasury Warrants ([Video-OMB-MAX](#))
- The Anti-Deficiency Act (Management Concepts)

**Other recommended topics:**
- NBS Finance (Hands On or Formal Training)
- nVision Financials (Hands On or Formal Training)
- SoFie (Hands On or Formal Training)
- QVR (Hands On or Formal Training)
- eTA (Loading and synchronizing grants data)(Hands On or Formal Training)
- IMPACII (Hands On or Formal Training)
- Reconciling data between systems (Hands On or Formal Training)
- CAN Flip and CAN Creation (Hands On or Formal Training)
- CRADAS/Conditional Gift Funds (Hands On or Formal Training)
- Unconditional Gift Funds (Hands On or Formal Training)
- SF-132/IC Initial Fund Allocations (Hands On or Formal Training)
- Re-allocation of funds (Hands On or Formal Training)
- Pay Plan Creation (including Purpose of Funding Plan)
- Object Classification – what are they and why do we use them? (Hands On or Formal Training)
- RMS Budgeting
- QlikView (NIH-QlikView Team)
- nSight Finance/NBS Training
### Data Gathering and Analysis

Seeks or collects and synthesizes information from a variety of stakeholders and sources in an objective, unbiased manner to reach a conclusion, goal, or judgment, and to enable strategic and leadership decision making.

*Training Opportunities:*

- Data Analysis Essentials (NIH Training Center)
- Excel 2016: Pivot Tables (NIH-CIT)
- Microsoft Excel Levels 1 and 2 (NIH Training Center)
- Intro to Excel 101 (OMB MAX – Budget Line of Business)
- Intro to Excel 102 (OMB MAX – Budget Line of Business)
- Advanced Excel 201 (OMB MAX – Budget Line of Business)
- Advanced Excel 202 (OMB MAX – Budget Line of Business)

*Other recommended topics:*

- Salary Projections (Hands-on or Formal Training)
- Congressional Justification (CJ) Development (Hands On or Formal Training)
- QlikView (NIH-QlikView Team)
- Beacon

### Financial Management

Applies critical financial concepts and practices to establish and maintain realistic budgets.

*Training Opportunities:*

- Introduction to the NIH Budget Process (NIHTC)
- Appropriations Law (NIHTC)
- Appropriations Law Modules (OMB MAX – Budget Line of Business)
- Federal Appropriations Law Refresher (NIHTC)
- Continuing Resolution (Video-OMB-MAX)
- Rules for Spending Federal Money (Video-OMB-MAX)
- Spending the People’s Money (Video-OMB-MAX)
- Spending Somebody Else’s Money (Video-OMB-MAX)
- Reading Appropriation Language (Video-OMB-MAX)
- Apportionment (Video-OMB-MAX)
- Executing a Budget (Video-OMB-MAX)
- Treasury Warrants (Video-OMB-MAX)
- Budget Analyst’s Essential Guide to Formulation, Justification, and Execution (Management Concepts)
- The Anti-Deficiency Act (Management Concepts)

*Other recommended topics:*

- NBS Finance (Hands On or Formal Training)
- nVision Financials (Hands On or Formal Training)
- SoFie (Hands On or Formal Training)
- QVR (Hands On or Formal Training)
- eTA (Loading and synchronizing grants data)(Hands On or Formal Training)
- IMPACII (Hands On or Formal Training)
- Reconciling data (Hands On or Formal Training)
- CAN Flip and CAN Creation (Hands On or Formal Training)
- CRADAS/Conditional Gift Funds (Hands On or Formal Training)
- Unconditional Gift Funds (Hands On or Formal Training)
- SF-132/IC Initial Fund Allocations (Hands On or Formal Training)
- Re-allocation of funds (Hands On or Formal Training)
- Pay Plan Creation (including Purpose of Funding Plan)
- Object Classification (Hands On or Formal Training)
- RMS Budgeting for Intramural and Extramural
- QlikView (NIH-QlikView Team)
### Organizational Forecasting

Develops models or projections based on studying past results, relationships, and data and anticipating future trends/events.

**Training Opportunities:**

- [Microsoft Excel Levels 1 and 2 (NIH Training Center)]
- [Intro to Excel 101 (OMB MAX – Budget Line of Business)]
- [Intro to Excel 102 (OMB MAX – Budget Line of Business)]
- [Advanced Excel 201 (OMB MAX – Budget Line of Business)]
- [Advanced Excel 202 (OMB MAX – Budget Line of Business)]

**Other recommended topics:**

- Salary Projections (Hands-on or Formal Training)
- Congressional Justification (CJ) Development (Hands On or Formal Training)
- Beacon: Edie

### Process Management

Develops and monitors processes and organizes resources to achieve desired results.

**Training Opportunities:**

- [Reading Appropriation Language (Video-OMB-MAX)]
- [Introduction to the NIH Budget Process (NIH-Training Center)]
- [Budget Analyst's Essential Guide to Formulation, Justification, and Execution (Management Concepts)]

**Other recommended topics:**

- NBS Finance (Hands On or Formal Training)
- nVision Financials (Hands On or Formal Training)
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- Re-allocation of funds (Hands On)
- Pay Plan Creation (including Purpose of Funding Plan)
- Object Classification (Hands On or Formal Training)
- Budgeting for RMS and Intramural (Hands On)
- QlikView (NIH-QlikView Team)