

**INTERNATIONAL MONETARY FUND**  
**Joint Vienna Institute / Institute for Capacity Development**  
**European and Middle Eastern Division**  
**Course on Macroeconomic Diagnostics (JV16.24)**  
**Vienna, Austria**  
**September 12 - 23, 2016**  
**PROGRAM<sup>1</sup>**

*Monday, September 12*

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8:30 a.m. – 9:00 a.m.		<b>Administrative Briefing</b> Iwona Kabat Lefebvre, Program Officer, JVI
9:00 a.m. – 9:15 a.m.		<b>Opening Session</b> Mr. Adam Gersl, Senior Economist, JVI Ms. Hali Edison, Deputy Division Chief, ICD Mr. Maksym Ivanyna, Economist, JVI Ms. Caryl McNeilly, Consultant
9:15 a.m. – 10:00 a.m.		<b>Initial Test</b>
10:00 a.m. – 10:30 a.m.	L-0	<b>Course Overview</b> Ms. Edison
10:30 a.m. – 10:45 a.m.		<b>Coffee Break</b>
10:45 a.m. – 12:00 p.m.	L-1	<b>Macroeconomic Framework</b> Ms. Edison <ul style="list-style-type: none"><li>• <i>Describe macroeconomic stability and financial stability</i></li><li>• <i>Present the macroeconomic framework</i></li><li>• <i>Introduce selected indicators table and flow of funds tables</i></li></ul>
12:00 p.m. – 1:15 p.m.		<b>Lunch</b>
1:15 p.m. – 2:45 p.m.	W-1	<b>Workshop: Macroeconomic Framework</b> Facilitated by Counselors
2:45 p.m. – 3:30 p.m.		<b>Special Meeting with IMF DMD Grasso</b>
3:30 p.m. – 3:45 p.m.		<b>Coffee Break</b>
3:45 p.m. – 5:15 p.m.	C-1	<b>Introduction to Turkey Case study (1990-2015)</b> Ms. McNeilly <ul style="list-style-type: none"><li>• <i>Introduce country case study</i></li><li>• <i>Highlight economic and political background</i></li><li>• <i>Describe final workshop project</i></li></ul>

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<sup>1</sup> Unless otherwise stated, coffee breaks will be held from 10:30 a.m.–10:45 a.m. and from 3:30 p.m.–3:45 p.m. and lunch 12:30 p.m. – 2:00 p.m.

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**Tuesday, September 13**

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- 9:00 a.m. – 10:30 a.m. L-2 **Supply and Productivity - Tools**  
Mr. Ivanyna
- *Review measurement of GDP*
  - *Define potential output and output gaps*
  - *Introduce time series methods to estimate potential output*
- 10:45 a.m. – 12:15 p.m. W-2 **Workshop: Supply and Productivity -- Tools**  
Facilitated by Counselors
- 12:15 p.m. – 12:30 p.m. **Group Photo**
- 2:00 p.m. – 3:30 p.m. L-3 **Supply and Productivity – Growth Diagnostics and Structural Reform**  
Ms. McNeilly
- *Discuss production function approach to estimate potential output*
  - *Introduce growth accounting*
  - *Describe growth diagnostics and discuss structural reform*
- 3:45 p.m. – 5:30 p.m. W-3 **Workshop: Supply and Productivity – Diagnostics**  
Facilitated by Counselors
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**Wednesday, September 14**

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- 9:00 a.m. – 10:30 a.m. L-4 **Analyzing Aggregate Demand**  
Ms. Edison
- *Review expenditure decomposition of growth*
  - *Analyze major components of aggregate demand*
  - *Describe the use of business cycles and short-term indicators to understand short-term fluctuations*
- 10:45 a.m. – 12:30 p.m. W-4 **Workshop: Aggregate Demand**  
Facilitated by Counselors
- 2:00 p.m. – 3:30 p.m. L-5 **Analyzing Inflation**  
Mr. Ivanyna
- *Discuss cost of excessively high/low inflation*
  - *Describe the measurement of inflation, including headline and core inflation*
  - *Introduce the Phillips curve and determinants of inflation*
- 3:45 p.m. – 5:30 p.m. W-5 **Workshop: Analyzing Inflation**  
Facilitated by Counselors
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**Thursday, September 15**

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- 9:00 a.m. – 10:30 a.m. L-6 **Analyzing Monetary Policy**  
Ms. Edison
- *Describe monetary policy frameworks*
  - *Introduce Taylor and inflation targeting rules*
  - *Assess monetary policy stance*
- 10:45 a.m. – 12:30 p.m. W-6 **Workshop: Analyzing Monetary Policy**  
Facilitated by Counselors
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2:00 p.m. – 3:30 p.m.	L-7	<b>Assessing Macro-Financial Linkages</b> Ms. McNeilly <ul style="list-style-type: none"> <li>• <i>Motivate the importance of assessing financial sector risks</i></li> <li>• <i>Highlight the impact of financial conditions to macroeconomic outlook and vice a versa</i></li> <li>• <i>Review financial sector soundness indicators</i></li> </ul>
3:45 p.m. – 5:30 p.m.	W-7	<b>Workshop: Assessing Macro-Financial Linkages</b> Facilitated by Counselors

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***Friday, September 16***

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9:00 a.m. – 10:30 a.m.	L-8	<b>Assessing Fiscal Policy</b> Mr. Ivanyna <ul style="list-style-type: none"> <li>• <i>Review fiscal accounts</i></li> <li>• <i>Calculate and interpret the cyclically adjusted and structural fiscal balances</i></li> <li>• <i>Assess the stance of fiscal policy</i></li> </ul>
10:45 a.m. – 12:30 p.m.	W-8	<b>Workshop: Assessing Fiscal Policy</b> Facilitated by Counselors
2:00 p.m. – 4:30 p.m.	O-1	Review and Policy Debate Preparation
4:30 p.m. – 5:30 p.m.	D-1	Policy Debate

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***Monday, September 19***

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9:00 a.m. – 10:30 a.m.	L-9	<b>Assessing Fiscal Sustainability</b> Ms. Edison <ul style="list-style-type: none"> <li>• <i>Analysis of public debt dynamics</i></li> <li>• <i>Introduce fiscal sustainability assessment</i></li> <li>• <i>Show IMF debt sustainability framework</i></li> </ul>
10:45 a.m. – 12:30 p.m.	W-9	<b>Workshop: Fiscal Sustainability</b> Facilitated by Counselors
2:00 p.m. – 4:30 p.m.	L-10	<b>Assessing the External Position</b> Ms. McNeilly <ul style="list-style-type: none"> <li>• <i>Review the balance of payment accounts</i></li> <li>• <i>Analyze the current account and links to domestic demand</i></li> <li>• <i>Analyze the capital and financial accounts</i></li> </ul>
4:30 p.m. – 5:30 p.m.	W-10	<b>Workshop: Assessing the External Position</b> Facilitated by Counselors

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**Tuesday, September 20**

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9:00 a.m. – 10:30 a.m.	L-11	<b>Assessing Competitiveness and the Exchange Rate</b> Mr. Ivanyna <ul style="list-style-type: none"><li>• Describe measures of competitiveness</li><li>• Present and illustrate IMF approaches to exchange rate assessments</li></ul>
10:45 a.m. – 12:30 p.m.	W-11	<b>Workshop: Assessing Competitiveness and the Exchange Rate</b> Facilitated by Counselors
2:00 p.m. – 3:30 p.m.	L-12	<b>Assessing External Debt Sustainability and Foreign Reserve Adequacy</b> Ms. McNeilly <ul style="list-style-type: none"><li>• Introduce indicators of external risks</li><li>• Examine IMF reserve adequacy metric</li><li>• Introduce framework for external debt sustainability assessment</li></ul>
3:45 p.m. – 5:30 p.m.	W-12	<b>Workshop: Assessing External Debt Sustainability and Foreign Reserve Adequacy</b> Facilitated by Counselors

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**Wednesday, September 21**

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9:00 a.m. – 10:30 a.m.	L-13	<b>Assessing Risk</b> Mr. Ivanyna <ul style="list-style-type: none"><li>• Identify key macroeconomic vulnerabilities</li><li>• Develop a taxonomy of crisis</li><li>• Describe risk assessment matrix</li></ul>
10:45 a.m. – 12:30 p.m.	W-13	<b>Workshop: Assessing Risk</b> Facilitated by Counselors
2:00 p.m. – 3:30 p.m.	L-14	<b>Wrapping it Up</b> Ms. Edison <ul style="list-style-type: none"><li>• Restating key takeaways from the course</li><li>• Reviewing of selected indicators</li></ul>
4:00 p.m. – 5:30 p.m.	O-2	<b>Preparing Group Presentation – Finalize Group Assumptions</b> Facilitated by Counselors

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**Thursday, September 22**

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9:30 a.m. – 12:30 p.m.	O-3	<b>Preparing Group Presentations</b> Facilitated by Counselors
2:00 p.m. – 2:30 p.m.		<b>Final Test</b>
2:30 p.m. – 5:30 p.m.	O-3	<b>Preparing Group Presentations</b> Facilitated by Counselors

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**Friday, September 23**

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9:00 a.m. – 9:30 a.m.		<b>Course Evaluation</b>
9:30 a.m. – 11:30 a.m.	O-4	<b>Presentation and Discussion of Group Work Course</b>
11:30 a.m. – 12:30 p.m.		<b>Closing and Presentation of Certificates</b>

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