# Radar Course Schedule, 2019

<table>
<thead>
<tr>
<th>Time Slot</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
</tr>
</thead>
</table>
| 9:30-10:00  | **Course Introduction**  
Patrick Bell | Radar Construction and Initial Tuning | Doppler Experiments – send results to radar.course email | Ranging Experiments – send results to radar.course email | SAR Experiments – send results to radar.course email |
| 10:00-11:00 | **Radar Basics**  
Alan Fenn |                                   |                                               |                                               |                                              |
| 11:00-11:30 | Morning Break        | Morning Break                     | Morning Break                                 | Morning Break                                 | Morning Break                                 |
| 11:30-12:30 | **Antenna Basics**  
Alan Fenn | **Analog PCB Design**  
Patrick Bell | Doppler Experiment Results Wrap-up  
Patrck Bell | Ranging Experiment Results Wrap-up  
Patrick Bell | **Guest Lecture**  
David Conway |
| 12:30-1:30  | Lunch Break          | Lunch Break                       | Lunch Break                                   | Lunch Break                                   | Lunch Break                                   |
| 1:30-2:30   | **Modular RF Design**  
Ken Kolodziej | Doppler Processing  
John Meklenburg | Pulse Compression and Ranging  
John Meklenburg | SAR Processing  
Brad Perry | **SAR Image Contest and Course Wrap-Up**  
Patrick Bell  
Brad Perry |
| 2:30-3:00   | Afternoon Break      | Afternoon Break                   | Afternoon Break                               | Afternoon Break                               |                                              |
| 3:00-4:00   | **Build Instructions**  
Patrick Bell | Doppler Experiments and Debugging (cont.) | Detection Processing  
John Meklenburg | Guest Lecture  
Will Moulder | SAR Experiments and Debugging |
| 4:00-5:30   | Radar Construction   |                                   |                                               |                                               |                                              |

• Note: support will be available outside of scheduled course times via email correspondence to radar.course@ll.mit.edu