

Turns Worksheet: NXC Commands

Swing Turn Right: (Time)

Motor

Time

90 Degrees

C on 50 power

800 milliseconds

Program (Example)

```
task main()
{
    OnFwd(OUT_C, 50);
    Wait(800);
    Off(OUT_C);
}
```

Swing Turn Right: (Degrees)

Motor:

Degrees Rotation

90 Degrees

C on 50 power

300

Program (Example)

```
task main()
{
    RotateMotor(OUT_C, 50, 300);
}
```

Swing Turn Left: (Time)

Motor
Time

90 Degees

_____ at 50 power
_____ milliseconds

Program

```
task main()  
{  
  
}
```

Swing Turn Left: (Degrees)

Motor:
Degrees Rotation

90 Degrees

_____ on 50 power
_____ milliseconds

Program (Example)

```
task main()  
{  
  
}
```

Point Turn Right: (Time)

90 Degrees

Program Example:

```
task main()
{
    OnFwdSync(OUT_BC, 50, 100);
    Wait(540);
    Off(OUT_BC);
}
```

Point Turn Right: (Degrees)

90 Degrees

Program Example:

```
task main()
{
    int startingRotation = MotorRotationCount(OUT_C);
    OnFwdSync(OUT_BC, 50, 100);
    until(MotorRotationCount(OUT_C) > startingRotation);
    OffEx(OUT_BC, RESET_ALL);
}
```

Point Turn Left: (Time)

90 Degrees

Program Example:

```
task main()  
{  
  
  
}
```

Point Turn Left: (Degrees)

90 Degrees

Program Example:

```
task main()  
{  
  
  
}
```