The Office of Information Technology (OIT)

CCS: Campus Computing Services
ESS: Enterprise Systems and Services
IPS: Division of Information Protection & Security
OIRT: Office of Instructional & Research Technology
TD: Telecommunications Division
RIAS: Rutgers Integrated Administrative System
IT Services

• OIT’s focus is to provide IT services to the Rutgers community.
  
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• Many Rutgers departments provide their own IT support staff and services.
  Check with your local department for information on departmental IT resources.
Obtaining Help

• Check with your Unit’s Computing Specialist / Manager

• New Brunswick Computing Services Help Desk
  • 732-445-HELP (4357)
  • help@rci.rutgers.edu, helpdesk@nbcs.rutgers.edu

• School of Arts & Sciences IT services
  • 732-932-2126
  • http://sas-it.rutgers.edu
Online IT Reference Guides

Information about services and resources available through the Office of Information Technology

http://nbcs.rutgers.edu/facstaff/
Identity Management NetID/password:

- A NetID and password are required to access most IT services
  - Pick a strong password and do **NOT** share it
  - If you don’t have a NetID, you can stop by OIT’s table and they will set one up.
  - OIT cannot learn your password and will never ask for it.

- Acceptable Use of Computing and IT Resources
  - Your NetID/password is the gatekeeper to online services. The University’s acceptable use policy for these resources is available at http://oit.rutgers.edu/acceptable-use.html.
Networking

- RUNet, is a 10 Gb/s redundant network spanning all Rutgers campuses.
  - [http://www.td.rutgers.edu/network/Data_Network/](http://www.td.rutgers.edu/network/Data_Network/) has more info
- For wired connections, contact your local Unit Computing Specialist / Manager.
- Wireless: if the area you’re in is covered by RUWireless
  - Open a browser and login with your NetID
  - RUWireless is available in all student centers, libraries and residence hall common areas.
- RUWired
  - Wired version of Wireless available in enhanced classrooms
Software

- Rutgers Software Portal
  - OIT operates a software portal that provides free or low-cost access to a variety of software titles. To access the software portal, visit http://software.rutgers.edu and log in with your NetID.

- Software on RCI
  - A variety of statistical and research oriented software packages are available on the RCI cluster. For more information, please visit http://www.rci.rutgers.edu/software.html
Hardware and Repair

• Purchasing
  • As a faculty member, you can leverage the University’s purchasing power and get discounts on computer hardware. Discounts are available for personal, as well as, departmental purchases. For more info visit http://findtech.rutgers.edu.

• Repair
  • Rutgers operates a factory authorized repair center for many brands of computer equipment. For more information visit http://computer-repair.rutgers.edu.
Class Rosters / Grade Submission

- OIT maintains an application that allows faculty to check rosters and submit grades online. To access the system, visit https://sims.rutgers.edu/rosters
Integrating IT with Instruction

- Assistance with integrating IT into instruction is available from OIRT and other groups at Rutgers University:
  - New Brunswick: Office of Instructional Research & Technology (OIRT) - contact oirt@rutgers.edu
- Video is used in class, to record special events, and to reach a broader audience
  - OIRT supports web quality video, see http://oirt.rutgers.edu/video/ or 732-445-1438
  - OIRT provides advice for video conferencing, real-time on-campus broadcasting of events, and recording events for later viewing
  - DOCS provides broadcast-quality video. See http://videoservices.rutgers.edu/
- Rutgers has youtube and itunes sites
  - YouTube: http://youtube.com/rutgers
  - iTunesU: http://itunes.rutgers.edu
Course Management Software

• Sakai is the primary course management software used in New Brunswick. Sakai is managed by the Office of Instructional & Research Technology (OIRT).
  • Sakai is available for anyone with a NetID and provides open access to students, faculty and staff at the University.
  • Sakai provides access to class rosters, online grading and grade submissions; tools for communicating with students (discussions, wiki, etc.), and managing coursework (posting homework and announcements).
  • Sakai is also used heavily by research and administrative groups
  • More information on Sakai is available at http://sakai.rutgers.edu.

• E-College is used by the Office of Continuous Education & Outreach
  • More information on E-College is available at http://ecollege.rutgers.edu.
Teaching Labs /Enhanced Classrooms

- OIT operates teaching facilities in the OIT Computing Labs. These facilities are known as Instructional Micro Labs (IML). These facilities must be reserved in advance.
  - IML’s are located in each of the major campus computing labs
    - College Avenue Computer Center (Records Hall)
    - Allison Road Classroom
    - Tillett Hall
    - Loree
  - Special software can be made available by arrangement
  - For more info visit http://iml.rutgers.edu
- Enhanced Classroom Support for lecture halls is available through the Office of Scheduling and Space Management.
  - The classrooms vary in levels of technical capability and functionality.
  - For more information visit http://classrooms.rutgers.edu.
IT Survival Guide

Acceptable Use: http://oit.rutgers.edu/acceptable-use.html

Computer Repair: http://computer-repair.rutgers.edu

Course Management Systems: http://sakai.rutgers.edu http://ecollege.rutgers.edu

Hardware: http://findtech.rutgers.edu

Help: 732-445-HELP (4357), help@rci.rutgers.edu, help@rci.rutgers.edu, helpdesk@nbcs.rutgers.edu

IT and Instruction: oirt@rutgers.edu

IT in the classroom: http://iml.rutgers.edu, http://classrooms.rutgers.edu


Network: http://www.td.rutgers.edu/network/Data_Network

Reference Guide: http://nbcs.rutgers.edu/facstaff/

Rosters and Grades: https://sims.rutgers.edu/rosters


Wireless: http://ruwireless.rutgers.edu - and click on the “Coverage Areas” link.
OIT by the numbers

Rutgers students send and receive three billion email messages annually.

Students spend seven million person-hours annually on the my.rutgers.edu portal selecting classes, viewing grades, reading email and using other services.

Rutgers students spend one million person-hours annually in OIT’s twenty computer labs that house one thousand computers.

OIT’s PrintGreen initiative saved over forty million sheets of paper and three thousand trees during its first three years.

Faculty and Students spend nine million person-hours in Sakai annually.

OIT’s paperless grade reporting system collects 500 thousand student grades annually.

Over two thousand Rutgers students have created ePortfolios in Sakai.

The Rutgers computer network consists of 135 miles of fiber optic cables.

Eighteen hundred devices support the Rutgers data network, enabling it to surpass speeds of ten Gb/s. RUNet carries over four thousand TB to and from the Internet annually.

There are 100 thousand data ports on the Rutgers network providing Internet TV and Video on demand.

TV viewers in 250 Rutgers dormitories & buildings receive 120 cable channels as their basic package.

The Computer Repair shop fixes three thousand staff and student computers annually.

Rutgers’ computing Help Desks assists over 35 thousand callers annually.

The software.rutgers.edu portal offers over three hundred popular software products for free or at a discount.
Q&A

At the resource table following this session.

Thank you. Have a great semester!