Distance Learning on The Traditional Campus

Focus of a traditional research institution

- Graduate programs
- Research
- Faculty tenure
- Full-time students as research assistants (in support of advancing faculty agenda)
- Grant funds to support faculty activity and to build prestige for the institution
Distance Learning on The Traditional Campus

Focus of Distance Learning

- Teaching and learning
- Degree opportunities
- Workforce Development
- Access
- Working adult learners
- Flexible schedules
Distance Learning at Old Dominion University - History

- Developed in 1994
- Involvement of all colleges
- On-site learning solution
- ODU in Partnership with VCCS
  - Reworked relationship for todays:
    - Students
    - Technology
    - Programs
- Partnership with Military
Old Dominion University’s Distance Learning operation has evolved into a comprehensive education solution for students in-region, in Virginia, and beyond.
Distance Learning at Old Dominion University - Mission

To provide effective and efficient educational environments, support systems, and technologies necessary for faculty and students to successfully achieve their teaching and learning goals.
“Online” Education

“Online” refers to Internet connectivity

- Could be:
  - Live, classroom based (Extended Classroom)
    - Video Streaming
  - Asynchronous
    - Recorded and streamed lectures
    - Web developed (not classroom based)
ODU Distance Learning uses a variety of technologies to provide courses and programs to students and continuously explores how it can integrate new and better solutions.

<table>
<thead>
<tr>
<th>Delivery Technologies</th>
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<tbody>
<tr>
<td><strong>Interactive Video</strong></td>
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<tr>
<td>Instruction is delivered using 2-way satellite internet protocol networking, combined with Voice Over Internet Protocol Audio</td>
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<tr>
<td><strong>2-way Video</strong></td>
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<tr>
<td>Instruction is delivered using a video conferencing technology (Adobe Connect &amp; Polycom PVX/CMA)</td>
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<tr>
<td><strong>Video Streaming</strong></td>
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<tr>
<td>Instruction is delivered online, using live or archived video streaming</td>
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<tr>
<td><strong>Web-based</strong></td>
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<td>Instruction is delivered online, using a personal computer</td>
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<tr>
<td><strong>Hybrid</strong></td>
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<tr>
<td>Instruction is delivered both face-to-face (25% to 50%) and using other delivery formats (50% to 75%)</td>
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<tr>
<td><strong>Portable Media/Devices</strong></td>
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<tr>
<td>Instruction is delivered on CD/DVD ROM or on mobile devices (PDA/Cell/iPad/iPhone)</td>
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</tbody>
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Examples of various communications modes

- **Live:**
  - Extended Classroom
  - Adobe Connect/Skype
  - Video Streaming
- **Asynchronous**
  - Video Streaming
  - Web Developed – “Online”
- **Portable Media**
  - Live and Asynchronous
Video Stream synchronous and asynchronous
WELCOME

Overview
OPMT 303, Operations Management, is a three-credit hour course that introduces students to the basic concepts of operations management and the responsibilities of an operations manager. By the end of the course you will have a working knowledge of and the analytical skills for diagnosing and solving basic operations management problems and issues.

Relevance
OPMT 303, Operations Management, is a fundamental course. It will help you develop the conceptual reasoning ability and quantitative skills you will need to pursue a career in operations management.

Expectations
Effective time management is essential for successful completion of this course. Students can expect to spend between 6 and 10 hours a week on the course materials and assignments. All homework and exams must be completed and submitted no later than the due date as indicated on the Schedule page.
Portable Devices and Media
Convenience and Flexibility

- Traditional semester vs. anytime/anywhere
  - University systems tied to academic traditions
- Significant resources to move to flexible schedules
  - Systems, infrastructure, faculty contracts, research schedules, etc.
- Concern over quality differential
- 30 years of research shows NSD in learning outcomes
Cost

Expectations in Richmond
- With more online delivery options, the cost to the institution will go down
- Space/facility demand expected to decline

Reality
- Initial investment in online synchronous or asynchronous instruction is significant
- Staff required to produce, support and promote online offerings
- Student support infrastructure required
- Online teaching time intensive
Needs within Commonwealth

- Need for 100,000 new degreed Virginians
  - Won’t all come from 18-22 year olds
    - Flexible approaches
    - Degree completion
      - Acceptance of existing credits
    - Partnerships between institutions
    - Resource and infrastructure sharing
    - Joint degree programs
Contact Us

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